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From: [McGill, Richard](#)
To: [Brown, Don](#)
Cc: [Paruchuri, Anupama](#); [Bilbruck, Shannon O.](#)
Subject: FW: Review of PCB documents
Date: Monday, March 30, 2026 9:41:05 AM
Attachments: [35-201RG-P JCAR 3.19.26.docx](#)
[35-202RG-P JCAR 3.25.26.docx](#)
[35-205RG-PR JCAR 3-24-26.docx](#)
[35-207RG-P JCAR 3.19.26.docx](#)
[35-211RG-P JCAR 3.19.26.docx](#)
[35-212RG-P JCAR 3.23.26.docx](#)
[35-214RG-P JCAR 3-26-26.docx](#)
[35-228RG-PR JCAR 3-24-26.docx](#)
[35-232RG-PR JCAR 03-24-26.docx](#)
[35-241RG-P JCAR 3.19.26.docx](#)
[35-243RG-P JCAR 3.27.26.docx](#)
[35-244RG-P JCAR 3.19.26.docx](#)
[35-245RG-P JCAR 3.19.26.docx](#)
[35-249RG-PR JCAR 3-24-26.docx](#)
[Litera Compare Redline - 35-201RG-P Agency 3.19.26 and 35-201RG-P JCAR 3.19.26.pdf](#)
[Litera Compare Redline - 35-202RG-P Agency 3.19.26 and 35-202RG-\(JCAR Predraft\) 3.25.26.pdf](#)
[Litera Compare Redline - 35-205RG-PR Agency 3.19.26 and 35-205RG-PR JCAR 3-24-26.pdf](#)
[Litera Compare Redline - 35-207RG-P Agency 3.19.26 and 35-207RG-P JCAR 3.19.26.pdf](#)
[Litera Compare Redline - 35-211RG-P Agency 3.19.26 and 35-211RG-P JCAR 3.19.26.pdf](#)
[Litera Compare Redline - 35-212RG-P Agency 3.19.26 and 35-212RG-P JCAR 3.23.26.pdf](#)
[Litera Compare Redline - 35-214RG-P Agency 3.19.26 and 35-214RG-P JCAR 3-26-26.pdf](#)
[Litera Compare Redline - 35-228RG-PR Agency 3.19.26 and 35-228-\(JCAR Predraft\)-3-24-26.pdf](#)
[Litera Compare Redline - 35-232RG-PR Agency 3.19.26 and 35-232-\(JCAR Predraft\)-03-24-26.pdf](#)
[Litera Compare Redline - 35-241RG-P Agency 3.19.26 and 35-241RG-P JCAR 3.19.26.pdf](#)
[Litera Compare Redline - 35-243RG-P Agency 3.19.26 and 35-243RG-P JCAR 3.27.26.pdf](#)
[Litera Compare Redline - 35-244RG-P Agency 3.19.26 and 35-244RG-P JCAR 3.19.26.pdf](#)
[Litera Compare Redline - 35-245RG-P Agency 3.19.26 and 35-245RG-P JCAR 3.19.26.pdf](#)
[Litera Compare Redline - 35-249RG-PR Agency 3.19.26 and 35-249RG-\(JCAR Predraft\)-3-24-26.pdf](#)

Good morning, Mr. Clerk,

Please docket as a public comment in R18-21 this email from JCAR staff to Board staff, along with the email's attachments.

Thank you.

Richard R. McGill, Jr.

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From: Shipley, Melissa A. <MelissaS@ilga.gov>
Sent: Friday, March 27, 2026 11:03 AM
To: Bilbruck, Shannon O. <Shannon.O.Bilbruck@Illinois.gov>
Cc: EXT eadministrativecode, ILSOS <eadministrativecode@ilsos.gov>; Schultz, Kimberly A. <KimberlyS@ilga.gov>; Bockewitz, Chrystal <crystalb@ilga.gov>; Kulavic, Kevin M. <KevinK@ilga.gov>; Spencer, Elaine M. <elaines@ilga.gov>
Subject: [External] Review of PCB documents

Hi Shannon

JCAR has completed predraft technical reviews of the attached rulemakings. The goal of this technical review is to ensure the drafts contain accurate background text, comply with the SOS Style manual (subsection labeling, spacing and indenting), and use consistent capitalization and punctuation. Attached to this email are: Word documents of JCAR's version of the rulemakings and PDF delta comparisons, which compare PCB's version of the rulemaking to JCAR's version of the rulemaking.

We would appreciate a review of these documents prior to filing to correct any items flagged by the deltas. We also noticed that from time to time subsection headers have inconsistent punctuation (period v. no punctuation). Using one punctuation style in these instances would be preferred.

Thank you for the chance to comment prior to filing.

Melissa Shipley

Joint Committee on Administrative Rules

700 Stratton Building

Springfield, IL 62706

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~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER a: PERMITS AND GENERAL PROVISIONS
5

6 PART 201
7 PERMITS AND GENERAL PROVISIONS
8

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- 31 201.142 Construction Permit Required
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- 35 201.147 Former Permits (Repealed)
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42 SUBPART D: PERMIT APPLICATIONS AND REVIEW PROCESS

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48 201.155 Standards for Issuance (Repealed)

49 201.156 Conditions

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51 201.158 Incomplete Applications

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- 124 201.401 Continuous Monitoring Requirements
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135

136 Section

- 137 201.500 Purpose
- 138 201.505 Applicability
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- 142 201.525 Standard Conditions for PBR
- 143 201.530 Recordkeeping and Reporting
- 144 201.535 Authority to Operate
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146

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149

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- 151 201.600 Applicability
- 152 201.605 Boiler Notice of Intent to Be Covered by a PBR (Notification)
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- 154 201.615 Opacity Requirements
- 155 201.620 Requirements for Use of Diesel Fuel and Refinery Fuel Gas
- 156 201.625 Carbon Monoxide (CO) Requirements
- 157 201.630 Nitrogen Oxide (NO_x) Requirements
- 158 201.635 PBR Boiler ~~Recordkeeping~~Reporting Requirements

159

160 201.APPENDIX A Rule into Section Table (Repealed)

161 201.APPENDIX B Section into Rule Table (Repealed)

162 201.APPENDIX C Past Compliance Dates (Repealed)

163

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164 AUTHORITY: Implementing Sections 10, 39, ~~and 39.5~~, and 39.12 and authorized by Section 27
165 of the Environmental Protection Act [415 ILCS 5/10, 27, 39, ~~and 39.5~~, and 39.12].
166

167 SOURCE: Adopted as Chapter 2: Air Pollution, Part I: General Provisions, in R71-23, 4 PCB
168 191, filed and effective April 14, 1972; amended in R78-3 and 4, 35 PCB 75 and 243, at 3 Ill.
169 Reg. 30, p. 124, effective July 28, 1979; amended in R80-5, at 7 Ill. Reg. 1244, effective January
170 21, 1983; codified at 7 Ill. Reg. 13579; amended in R82-1 (Docket A) at 10 Ill. Reg. 12628,
171 effective July 7, 1986; amended in R87-38 at 13 Ill. Reg. 2066, effective February 3, 1989;
172 amended in R89-7(A) at 13 Ill. Reg. 19444, effective December 5, 1989; amended in R89-7(B)
173 at 15 Ill. Reg. 17710, effective November 26, 1991; amended in R93-11 at 17 Ill. Reg. 21483,
174 effective December 7, 1993; amended in R94-12 at 18 Ill. Reg. 15002, effective September 21,
175 1994; amended in R94-14 at 18 Ill. Reg. 15760, effective October 17, 1994; amended in R96-17
176 at 21 Ill. Reg. 7878, effective June 17, 1997; amended in R98-13 at 22 Ill. Reg. 11451, effective
177 June 23, 1998; amended in R98-28 at 22 Ill. Reg. 11823, effective July 31, 1998; amended in
178 R02-10 at 27 Ill. Reg. 5820, effective March 21, 2003; amended in R05-19 and R05-20 at 30 Ill.
179 Reg. 4901, effective March 3, 2006; amended in R07-19 at 33 Ill. Reg. ~~11999~~11965, effective
180 August 6, 2009; amended in R10-21 at 34 Ill. Reg. 19575, effective December 1, 2010; amended
181 in R12-10 at 35 Ill. Reg. 19790, effective December 5, 2011; amended in R13-18 at 38 Ill. Reg.
182 1005, effective December 23, 2013; amended in R17-9 at 41 Ill. Reg. 4140, effective March 24,
183 2017; amended in R23-18 at 47 Ill. Reg. 12089, effective July 25, 2023; amended in R22-17 at
184 49 Ill. Reg. 6216, effective April 23, 2025; amended in ~~R18-21~~ at 50 Ill. Reg. ~~_____~~_____,
185 effective ~~_____~~_____.
186

187 SUBPART A: DEFINITIONS
188

189 **Section 201.101 Other Definitions**
190

- 191 a) Except as stated and unless a different meaning of a term is clear from its context,
192 the definitions in this Part are the same as those in the Illinois Environmental
193 Protection Act (415 ILCS 5).
194
- 195 b) All terms in this Part defined in 35 Ill. Adm. Code 211 have the definitions in 35
196 Ill. Adm. Code 211.
197

198 (Source: Amended at 50 Ill. Reg. ~~_____~~_____, effective
199 ~~_____~~_____)
200

201 **Section 201.102 Definitions**
202

203 "Air Contaminant" means any solid, liquid, or gaseous matter; any odor; or any
204 form of energy that is capable of being released into the atmosphere from an

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205 emission source.
206
207 "Air Pollution Control Equipment" means any equipment or facility of a type
208 intended to eliminate, prevent, reduce, or control the emission of specified air
209 contaminants to the atmosphere.
210
211 "Air Pollution" means the presence in the atmosphere of one or more air
212 contaminants in sufficient quantities and of such characteristics and duration as to
213 be injurious to human, plant, or animal life; health; or property or to unreasonably
214 interfere with the enjoyment of life or property.
215
216 "Ambient Air" means that portion of the atmosphere external to buildings
217 comprising emission sources.
218
219 "Ambient Air Quality Standard" means standards promulgated by the Pollution
220 Control Board under the Act at 35 Ill. Adm. Code 243 or by the United States
221 Environmental Protection Agency under 42 ~~USC~~U.S.C. 7401 et seq., as amended
222 from time to time.
223
224 "Clean Air Act" or "CAA" means the Clean Air Act of 1970, as amended,
225 including the Clean Air Act Amendments of 1977, as amended (42 ~~USC~~U.S.C.
226 7401 et seq.).
227
228 "Commence" means the act of entering into a binding agreement or contractual
229 obligation to undertake and complete, within a reasonable time, a continuous
230 program of construction or modifications.
231
232 "Construction" means commencing on-site fabrication, erection, or installation of
233 an emission source or air pollution control equipment.
234
235 "Emission Source" means any equipment or facility of a type capable of emitting
236 specified air contaminants to the atmosphere.
237
238 "Existing Air Pollution Control Equipment" means any air pollution control
239 equipment, the construction or modification which commenced before April 14,
240 1972.
241
242 "Existing Emission Source" means any emission source, the construction or
243 modification of which commenced before April 14, 1972.
244
245 "Modification" means any physical change in, or change in the method of

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246 operations, of, an emission source or air pollution control equipment which
247 increases the amount of any specified air contaminant emitted by the source or
248 equipment or which results in the emission of any specified air contaminant not
249 previously emitted. It is presumed that an increase in the use of raw materials, the
250 time of operation, or the rate of production will change the amount of any
251 specified air contaminant emitted. Despite any other provisions of this definition,
252 for permits issued under Subpart D, the Illinois Environmental Protection Agency
253 may specify conditions under which an emission source or air pollution control
254 equipment may be operated without causing a modification under this definition,
255 and normal cyclical variations before the date operating permits are required are
256 not be considered modifications.

257
258 "New Air Pollution Control Equipment" means any air pollution control
259 equipment, the construction or modification of which is commenced on or after
260 April 14, 1972.

261
262 "New Emission Source" means any emission source, the construction or
263 modification of which is commenced on or after April 14, 1972.

264
265 "Owner or Operator" means any person who owns, leases, controls, or supervises
266 an emission source or air pollution control equipment.

267
268 "Person" means any individual, corporation, partnership, firm, association, trust,
269 estate, public or private institution, group, agency, or political subdivision of this
270 State; any other State or political subdivision or agency thereof; or any legal
271 successor, representative, agent, or agency of the foregoing.

272
273 "PSD Increment" means the maximum allowable increase over baseline
274 concentration of any air contaminant as determined by Section 163 of the CAA
275 (42 ~~USC~~ U.S.C. 7473) and regulations adopted under it.

276
277 "Specified Air Contaminant" means any air contaminant for which this Subtitle
278 contains emission standards or other specific limitations and any contaminant
279 regulated in Illinois under Section 9.1 of the Illinois Environmental Protection
280 Act.

281
282 "Standard Industrial Classification Manual" means the Standard Industrial
283 Classification Manual (1987), Superintendent of Documents, U.S. Government
284 Printing Office, Washington, D.C. 20402.

285
286 (Source: Amended at 50 Ill. Reg. , effective

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Section 201.103 Abbreviations and Units

a) This Part uses the following abbreviations:

<u>Act</u>	<u>Illinois Environmental Protection Act</u>
<u>Agency</u>	<u>Illinois Environmental Protection Agency</u>
<u>btu or Btu</u>	<u>British thermal units</u>
<u>CAA</u>	<u>Clean Air Act</u>
<u>CAAPP</u>	<u>Clean Air Act Permit Program</u>
<u>CO</u>	<u>Carbon monoxide</u>
<u>CO₂</u>	<u>Carbon dioxide</u>
<u>CO₂e</u>	<u>Carbon dioxide equivalent</u>
<u>gal</u>	<u>gallons</u>
<u>HAPs</u>	<u>hazardous air pollutants</u>
<u>hp</u>	<u>horsepower</u>
<u>hr</u>	<u>hour</u>
<u>kPa</u>	<u>kilopascals</u>
<u>kPa absolute</u>	<u>kilopascals absolute</u>
<u>kW</u>	<u>kilowatts</u>
<u>l</u>	<u>liters</u>
<u>lbs</u>	<u>pounds</u>
<u>Mg</u>	<u>megagrams</u>
<u>m³</u>	<u>cubic meters</u>
<u>MM</u>	<u>million</u>
<u>MW</u>	<u>megawatts; one million watts</u>
<u>NESHAP</u>	<u>National Emission Standards for Hazardous Air Pollutants</u>
<u>NO_x</u>	<u>nitrogen oxide</u>
<u>NSPS</u>	<u>New Source Performance Standards</u>
<u>NSR</u>	<u>New Source Review</u>
<u>PBR</u>	<u>permit by rule</u>
<u>PM</u>	<u>particulate matter</u>
<u>PM₁₀</u>	<u>particulate matter with an aerodynamic diameter less than or equal to 10 micrometers</u>
<u>PM_{2.5}</u>	<u>particulate matter with an aerodynamic diameter less than or equal to 2.5 micrometers</u>
<u>PSD</u>	<u>Prevention of Significant Deterioration</u>
<u>psi</u>	<u>pounds per square inch</u>
<u>psia</u>	<u>pounds per square inch absolute</u>

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	<u>ROSS</u>	<u>Registration of Smaller Sources</u>
	<u>SO₂</u>	<u>sulfur dioxide</u>
	<u>USEPA</u>	<u>United States Environmental Protection Agency</u>
	<u>VOM</u>	<u>volatile organic material</u>
	<u>yr</u>	<u>year</u>
293	Aet	Illinois Environmental Protection Act
294	Agency	Illinois Environmental Protection Agency
295	btu or Btu	British thermal units
296	CAA	Clean Air Act
297	CAAPP	Clean Air Act Permit Program
298	CO	Carbon monoxide
299	CO ₂	Carbon dioxide
300	CO ₂ e	Carbon dioxide equivalent
301	gal	gallons
302	HAPs	hazardous air pollutants
303	hp	horsepower
304	hr	hour
305	kPa	kilopascals
306	kPa-absolute	kilopascals-absolute
307	kW	kilowatts
308	l	liters
309	lbs	pounds
310	Mg	megagrams
311	m ³	cubic meters
312	MM	million-
313	MW	megawatts; one million-watts
314	NESHAP	National Emission Standards for Hazardous Air Pollutants
315	NO _x	nitrogen-oxide
316	NSPS	New Source Performance Standards
317	NSR	New Source Review
318	PBR	permit by rule
319	PM	particulate matter
320	PM ₁₀	particulate matter with an aerodynamic diameter less than or equal-
321		to 10 micrometers
322	PM _{2.5}	particulate matter with an aerodynamic diameter less than or equal-
323		to 2.5 micrometers
324	PSD	Prevention of Significant Deterioration
325	psi	pounds per square inch
326	psia	pounds per square inch-absolute
327	ROSS	Registration of Smaller Sources
328	SO ₂	sulfur dioxide

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329 USEPA United States Environmental Protection Agency
 330 VOM volatile organic material
 331 yr year
 332

b) This Part uses the following conversion factors:

<u>English</u>	<u>Metric</u>
<u>1 gal</u>	<u>3.785 l</u>
<u>1,000 gal</u>	<u>3.785 m³</u>
<u>1 hp</u>	<u>0.7452 kW</u>
<u>1MMBtu/hr</u>	<u>0.293 MW</u>
<u>1 psi</u>	<u>6.897 kPa</u>

335 English Metric
 336 1 gal 3.785 l
 337 1000 gal 3.785 m³
 338 1 hp 0.7452 kW
 339 1 MMBtu/hr 0.293 MW
 340 1 psi 6.897 kPa
 341

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 201.104 Incorporations by Reference

The following materials are incorporated by reference. These incorporations do not include any later amendments or editions:

- a) Standard Industrial Classification Manual (1987), Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.
- b) ASAE Standard S248.3-MAR1976 (R2020) Construction and Rating of Equipment for Drying Farm Crops, American Society of Agricultural Engineers, 2950 Niles Road, St. Joseph, MI 49085.
- c) Prevention of Significant Deterioration of Air Quality, 40 CFR 52.21 (2024).
- d) Standards of Performance for New Stationary Sources, 40 CFR 60:
~~1)~~1) Subpart A – General Provisions (2024);

362

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- 363 ~~2)2)~~ Standards of Performance for Small Industrial-Commercial-Institutional
364 Steam Generating Units, Subpart Dc (2024);
365
- 366 ~~3)3)~~ Appendix A-4, Reference Method 10 – Determination of Carbon
367 Monoxide Emissions from Stationary Sources (2024); and
368
- 369 ~~4)4)~~ Subpart Ja – Standards of Performance for Petroleum Refineries for
370 Which Construction, Reconstruction, or Modification Commenced After
371 May 14, 2007 (2024).
372
- 373 e) National Emission Standards for Hazardous Air Pollutants for Source Categories,
374 40 CFR 63:
375
- 376 ~~1)1)~~ Subpart A – General Provisions (2024);
377
- 378 ~~2)2)~~ Subpart DDDDD – National Emission Standards for Hazardous Air
379 Pollutants for Major Sources: Industrial, Commercial, and Institutional
380 Boilers and Process Heaters (2024); and
381
- 382 ~~3)3)~~ Subpart JJJJJ – National Emission Standards for Hazardous Air
383 Pollutants for Industrial, Commercial, and Institutional Boilers Area
384 Sources (2024).
385
- 386 f) Requirements for Preparation, Adoption, and Submittal of Implementation Plans,
387 40 CFR 51, Appendix P: Minimum Emissions Monitoring Requirements (2024).
388
- 389 (Source: Amended at 50 Ill. Reg. , effective
390)
391

SUBPART B: GENERAL PROVISIONS

Section 201.121 Existence of Permit No Defense

The existence of a permit under this Part is not a defense to a violation of the Act or any rule or regulation of this Chapter except for construction or operation without a permit.

(Source: Amended at 50 Ill. Reg. , effective)

Section 201.122 Proof of Emissions

403

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404 Despite other provisions of this Chapter, evidence that specified air contaminant emissions, as
405 calculated on the basis of standard emission factors or other factors generally accepted by
406 persons engaged in the field of air pollution control, exceed the limitations under this Chapter
407 constitutes adequate proof of a violation in the absence of establishing that actual emissions are
408 in compliance.

409
410 (Source: Amended at 50 Ill. Reg. , effective
411)

412
413 **Section 201.123 Burden of Persuasion Regarding Exceptions**

414
415 In any proceeding under this Chapter, if an exception in this Chapter would limit an obligation,
416 limit a liability, or eliminate an obligation or a liability, the person who would benefit from the
417 exception has the burden of persuasion that the exception applies and that the terms of the
418 exception have been met.

419
420 (Source: Amended at 50 Ill. Reg. , effective
421)

422
423 **Section 201.124 Annual Report (Repealed)**

424
425 (Source: Repealed at 50 Ill. Reg. , effective)

426
427 **Section 201.125 Severability**

428
429 If any provision of this Chapter or its application to any person or in any circumstance is
430 adjudged invalid, ~~does not~~ does not affect the validity of this Chapter as a whole or any portion
431 not adjudged invalid.

432
433 (Source: Amended at 50 Ill. Reg. , effective)

434
435 **Section 201.126 Repealer**

436
437 Each provision of the Rules and Regulations Governing the Control of Air Pollution, as amended
438 August 19, 1969, applying to an emission source will remain in full force and effect unless and
439 until that source is required to comply with a corresponding provision of this Chapter.

440
441 (Source: Amended at 50 Ill. Reg. , effective
442)

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Section 201.141 Prohibition of Air Pollution

A person must not cause or threaten or allow the discharge or emission of any contaminant into the environment in any State so as, either alone or in combination with contaminants from other sources, to cause or tend to cause air pollution in Illinois, violate the provisions of this Chapter, or prevent the attainment or maintenance of any applicable ambient air quality standard.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.142 Construction Permit Required

A person must not cause or allow the construction of any new emission source or any new air pollution control equipment, or cause or allow the modification of any existing emission source or air pollution control equipment, without first obtaining a construction permit from the Agency, except under Section 201.146 or 201.170(b).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.143 Operating Permits for New Sources

A person must not cause or allow the operation of any new emission source or new air pollution control equipment for which a construction permit is required by Section 201.142 without first obtaining an operating permit from the Agency, except for testing operations authorized by the construction permit. Applications for operating permits must be made at times and contain information, in addition to the information required by Section 201.157, as specified in the construction permit.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.144 Operating Permits for Existing Sources

A person must not cause or allow the operation of any existing emission source or any existing air pollution control equipment without first obtaining an operating permit from the Agency, except as exempted in Section 201.146. Appendix C lists dates on which permits were required.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 201.146 Exemptions from State Permit Requirements

Construction or operating permits under Sections 201.142, 201.143, and 201.144 are not required for the classes of equipment and activities in this Section. The permitting exemptions in this Section do not relieve the owner or operator of any source from any obligation to comply with any other applicable requirements, including the obligation to obtain a permit under Sections 9.1(d) and 39.5 of the Act, Sections 165, 173, and 502 of the CAA, or any other applicable permit or registration requirements.

- a) Air contaminant detectors or recorders, combustion controllers, or combustion shutoffs;
- b) Air conditioning or ventilating equipment not designed to remove air contaminants generated by or released from associated equipment;
- c) Each fuel burning emission unit for indirect systems and for heating and reheating furnace systems used exclusively for residential or commercial establishments using gas, fuel oil, or both exclusively with a design heat input capacity of less than 14.6 MW (50 ~~MMbtu~~MMBtu/hr), except that a permit is required for any such emission unit with a design heat input capacity of at least 2,930 kW (10 ~~MMbtu~~MMBtu/hr) that was constructed, reconstructed, or modified after June 9, 1989, and is subject to 40 CFR 60, Subpart D;
- d) Each fuel burning emission unit other than those in subsection (c) for direct systems used for comfort heating purposes and indirect heating systems with a design heat input capacity of less than 2,930 kW (10 ~~MMbtu~~MMBtu/hr);
- e) Internal combustion engines or boilers (including the fuel system) of motor vehicles, locomotives, aircraft, watercraft, lift trucks, and other vehicles powered by nonroad engines;
- f) Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including associated laboratory fume hoods, vacuum producing devices, and control devices installed primarily to address potential accidental releases;
- g) Coating operations located at a source using up to 18,925 l (5,000 gal) of coating (including thinner) per year;
- h) Any emission unit acquired exclusively for domestic use, except that a permit is

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- 527 required for any incinerator and for any fuel combustion emission unit using solid
528 fuel with a design heat input capacity of 14.6 MW (50 ~~MMbtu~~MMBtu/hr) or
529 more;
530
- 531 i) Any stationary internal combustion engine with a rated power output of less than
532 1118 kW (1500 bhp) or stationary turbine, except that a permit is required for:
533
- 534 1) Any internal combustion engine with a rating equal to or greater than 500
535 bhp output that is subject to 35 Ill. Adm. Code 217.388(a) or (b); or
536
- 537 2) Any stationary gas turbine engine with a rated heat input at peak load of
538 10.7 gigajoules/hr (10 ~~MMbtu~~MMBtu/hr) or more that is constructed,
539 reconstructed, or modified after October 3, 1977, and subject to 40 CFR
540 60, Subpart GG;
541
- 542 j) Rest room facilities and associated cleanup operations, and stacks or vents used to
543 prevent the escape of sewer gases through plumbing traps;
544
- 545 k) Safety devices designed to protect life and limb, if a permit is not otherwise
546 required for the emission unit with which the safety device is associated;
547
- 548 l) Storage tanks and fuel dispensing equipment that are both used to dispense fuel to
549 mobile sources, including on-road and off-road vehicles, for use in the mobile
550 sources;
551
- 552 m) Printing operations with aggregate organic solvent usage that never exceeds 2,839
553 l (750 gal) per year from all printing lines at the source, including organic solvent
554 from inks, diluents, fountain solutions, and cleaning materials;
555
- 556 n) Storage tanks of:
557
- 558 1) Organic liquids with a capacity of less than 37,850 l (10,000 gal), if the
559 storage tank is not used to store any amount of material or mixture of any
560 material listed as a HAP under Section 112(b) of the CAA;
561
- 562 2) Any size containing exclusively soaps, detergents, surfactants, waxes,
563 glycerin, vegetable oils, greases, animal fats, sweetener, corn syrup,
564 aqueous salt solutions, or aqueous caustic solutions, if an organic solvent
565 has not been mixed with the materials; or
566
- 567 3) Any size containing virgin or re-refined distillate oil (including kerosene

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- 568 and diesel fuel), hydrocarbon condensate from natural gas pipeline or
569 storage systems, lubricating oil, or residual fuel oils;
570
- 571 o) Threaded pipe connections, vessel manways, flanges, valves, pump seals,
572 pressure relief valves, pressure relief devices, and pumps;
573
- 574 p) Sampling connections used exclusively to withdraw materials for testing and
575 analysis;
576
- 577 q) All storage tanks of Illinois crude oil with capacity of less than 151,400 l (40,000
578 gal) located on oil field sites;
579
- 580 r) All organic material-water single or multiple compartment effluent water
581 separator facilities for Illinois crude oil of vapor pressure of less than 34.5 kPa
582 absolute (5 psia);
583
- 584 s) Grain-handling operations, excluding grain-drying operations, with an annual
585 grain through-put not exceeding 300,000 bushels;
586
- 587 t) Grain-drying operations with a total grain-drying capacity not exceeding 750
588 bushels per hour for 5% moisture extraction at manufacturer's rated capacity,
589 using the American Society of Agricultural Engineers Standard
590 S248.3-MAR1976 (R2020), Construction and Rating of Equipment for Drying
591 Farm Crops, incorporated by reference at Section 201.104(b);
592
- 593 u) Portable grain-handling equipment and one-turn storage space;
594
- 595 v) Cold cleaning degreasers that are not in-line cleaning machines, where the vapor
596 pressure of the solvents used never exceeds 2 kPa (15 mmHg or 0.3 psi) measured
597 at 38 ~~°C~~°C (100 ~~°F~~°F) or 0.7 kPa (5 mmHg or 0.1 psi) at 20 ~~°C~~°C (68 ~~°F~~°F);
598
- 599 w) Coin-operated dry cleaning operations;
600
- 601 x) Dry cleaning operations at a source that consume less than 30 gal per month of
602 perchloroethylene;
603
- 604 y) Brazing, soldering, wave soldering, or welding equipment, including associated
605 ventilation hoods;
606
- 607 z) Cafeterias, kitchens, and other similar facilities, including smokehouses, used for
608 preparing food or beverages, but not including facilities used for manufacturing

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- 609 and wholesale distribution of food, beverages, food or beverage products, or food
610 or beverage components;
611
- 612 aa) Equipment for carving, cutting, routing, turning, drilling, machining, sawing,
613 surface grinding, sanding, planing, buffing, sand blast cleaning, shot blasting, shot
614 peening, or polishing ceramic artwork, leather, metals (other than beryllium),
615 plastics, concrete, rubber, paper stock, wood, or wood products, where this
616 equipment is either:
617
- 618 1) Used for maintenance activity;
619
- 620 2) Manually operated;
621
- 622 3) Exhausted inside a building; or
623
- 624 4) Vented externally with emissions controlled by an appropriately operated
625 cyclonic inertial separator (cyclone), filter, electrostatic precipitator, or a
626 scrubber;
627
- 628 bb) Feed mills that produce no more than 10,000 tons of feed per calendar year, if a
629 permit is not otherwise required for the source under Section 201.142, 201.143, or
630 201.144;
631
- 632 cc) Extruders used to extrude metals, minerals, plastics, rubber, or wood, but
633 excluding:
634
- 635 1) Extruders used to manufacture polymers;
636
- 637 2) Extruders using foaming agents or release agents that contain VOM or
638 Class I or II substances subject to Title VI of the CAA; and
639
- 640 3) Extruders processing scrap material that was produced using foaming
641 agents containing VOM or Class I or II substances subject to Title VI of
642 the CAA;
643
- 644 dd) Furnaces used to melt metals, other than beryllium, with a brim full capacity of
645 less than 450 cubic inches by volume;
646
- 647 ee) Equipment used to melt or apply less than 22,767 kg/yr (50,000 lbs/yr) of wax to
648 which no organic solvent has been added;
649

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- 650 ff) Equipment used to fill drums, pails, or other packaging containers, but excluding
651 aerosol cans, with soaps, detergents, surfactants, lubricating oils, waxes,
652 vegetable oils, greases, animal fats, glycerin, sweeteners, corn syrup, aqueous salt
653 solutions, or aqueous caustic solutions, if an organic solvent has not been mixed
654 with the materials;
- 655
- 656 gg) Loading and unloading systems for railcars, tank trucks, or watercraft that handle
657 only: soaps, detergents, surfactants, lubricating oils, waxes, glycerin, vegetable
658 oils, greases, animal fats, sweetener, corn syrup, aqueous salt solutions, or
659 aqueous caustic solutions, if an organic solvent has not been mixed with such
660 materials;
- 661
- 662 hh) Equipment used to mix and blend materials at ambient temperatures to make
663 water-based adhesives, if each material mixed or blended contains less than 5%
664 organic solvent by weight;
- 665
- 666 ii) Die casting machines where a metal or plastic is formed under pressure in a die
667 located at a source with a through-put of less than 2,000,000 lbs of metal or
668 plastic per year, in the aggregate, from all die casting machines;
- 669
- 670 jj) Air pollution control devices used exclusively with other equipment that is
671 exempt from permitting under this Section;
- 672
- 673 kk) (Reserved);
- 674
- 675 ll) Photographic process equipment by which an image is reproduced upon material
676 sensitized to radiant energy;
- 677
- 678 mm) Equipment used for hydraulic or hydrostatic testing;
- 679
- 680 nn) General vehicle maintenance and servicing activities conducted at a source, motor
681 vehicle repair shops, and motor vehicle body shops, but excluding motor vehicle
682 refinishing;
- 683
- 684 oo) Equipment using water, water and soap, or detergent, or a suspension of abrasives
685 in water for cleaning or finishing, if no organic solvent has been added to the
686 water;
- 687
- 688 pp) Administrative activities, including paper shredding, copying, photographic
689 activities, and blueprinting machines, but excluding incinerators;
- 690

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- 691 qq) Laundry dryers, extractors, and tumblers processing that have been cleaned with
692 water solutions of bleach or detergents that are:
693
- 694 1) Located at a source and process clothing, bedding, and other fabric items
695 used at the source, if any organic solvent present in the items before
696 processing that is retained from cleanup operations must be addressed as
697 part of the VOM emissions from use of cleaning materials;
698
- 699 2) Located at a commercial laundry; or
700
- 701 3) Coin operated;
702
- 703 rr) Housekeeping activities for cleaning purposes, including collecting spilled and
704 accumulated materials and operating fixed vacuum cleaning systems specifically
705 for these purposes, but excluding use of cleaning materials that contain organic
706 solvent;
707
- 708 ss) Refrigeration systems, including storage tanks used in refrigeration systems, but
709 excluding any combustion equipment associated with these systems;
710
- 711 tt) Activities associated with the construction, on-site repair, maintenance, or
712 dismantlement of buildings, utility lines, pipelines, wells, excavations,
713 earthworks, and other structures that do not constitute emission units;
714
- 715 uu) Piping and storage systems for natural gas, propane, and liquefied petroleum gas;
716
- 717 vv) Water treatment or storage systems, as follows:
718
- 719 1) Systems for potable water or boiler feedwater;
720
- 721 2) Systems, including cooling towers, for process water, if this water has not
722 been in direct or indirect contact with process streams that contain VOM
723 listed as HAPs under Section 112(b) of the CAA;
724
- 725 ww) Lawn care, landscape maintenance, and groundskeeping activities;
726
- 727 xx) Containers, reservoirs, or tanks used exclusively in dipping operations to coat
728 objects with oils, waxes, or greases, if no organic solvent has been mixed with
729 these materials;
730
- 731 yy) Use of consumer products, including hazardous substances as that term is defined

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- 732 in the Federal Hazardous Substances Act (15 USC 1261 et seq.), where the
733 product is used at a source in the same manner as normal consumer use;
734
- 735 zz) Activities directly used to diagnose and treat a disease, injury, or other medical
736 condition;
737
- 738 aaa) Activities associated with the construction, repair, or maintenance of roads or
739 other paved or open areas, including operation of street sweepers, vacuum trucks,
740 spray trucks, and other vehicles related to the control of fugitive emissions of the
741 roads or other areas;
742
- 743 bbb) Storage and handling of drums or other transportable containers, where the
744 containers are sealed during storage and handling;
745
- 746 ccc) Activities at a source associated with maintaining, repairing, or dismantling an
747 emission unit or other equipment installed at the source, but excluding the
748 shutdown of the unit or equipment. These activities include preparation for
749 maintenance, repair, or dismantlement, and preparation for subsequent startup,
750 including preparing a shutdown vessel for entry, replacing insulation, welding and
751 cutting, and steam purging a vessel before startup;
752
- 753 ddd) Equipment used for corona arc discharge surface treatment of plastic with a power
754 rating of 5 kW or less or equipped with an ozone destruction device;
755
- 756 eee) Equipment used to seal or cut plastic bags for commercial, industrial, or domestic
757 use;
758
- 759 fff) Each direct-fired gas dryer used for a washing, cleaning, coating, or printing line,
760 but excluding:
761
- 762 1) Dryers with a rated heat input capacity of 2,930 kW (10
763 ~~MMbtu~~MMBtu/hr) or more; and
764
- 765 2) Dryers for which emissions other than those attributable to combustion of
766 fuel in the dryer, including emissions attributable to using or applying
767 cleaning agents, washing materials, coatings, or inks or other process
768 materials that contain VOM are not addressed as part of the permitting of
769 the line, if a permit is otherwise required for the line;
770
- 771 ggg) Municipal solid waste landfills with a maximum total design capacity of less than
772 2.5 million Mg or 2.5 million m³ that are not required to install a gas collection

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773 and control system under 35 Ill. Adm. Code 220 or 800 through 849 or Section
774 9.1 of the Act;

775

776 hhh) Replacement or addition of air pollution control equipment for existing emission
777 units in circumstances where:

778

779 1) The existing emission unit is permitted and has operated in compliance for
780 the past year;

781

782 2) The new control equipment will provide equal or better control of the
783 target pollutants;

784

785 3) The new control device will not be accompanied by a net increase in
786 emissions of any non-targeted criteria air pollutant;

787

788 4) Different State or federal regulatory requirements or newly proposed
789 regulatory requirements will not apply to the unit; and

790

791 BOARD NOTE: All sources must comply with underlying federal
792 regulations and future State regulations.

793

794 5) Where the existing air pollution control equipment had required
795 monitoring equipment, the new air pollution control equipment will be
796 equipped with the instrumentation and monitoring devices that are
797 typically installed on the new equipment of that type.

798

799 BOARD NOTE: For major sources subject to Section 39.5 of the Act,
800 where the new air pollution control equipment will require a different
801 compliance determination method in the facility's CAAPP permit, the
802 facility may need a permit modification to address the changed
803 compliance determination method;

804

805 iii) Replacement, addition, or modification of emission units at facilities with
806 federally enforceable State operating permits limiting their potential to emit in
807 circumstances where:

808

809 1) The potential to emit any regulated air pollutant in the absence of air
810 pollution control equipment from the new emission unit, or the increase in
811 the potential to emit resulting from the modification of any existing
812 emission unit, is less than 0.1 lb per hour or 0.44 tons per year;

813

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- 814 2) The raw materials and fuels used or present in the emission unit that cause
815 or contribute to emissions, based on the information in Material Safety
816 Data Sheets for those materials, contain less than 0.01% by weight of any
817 HAP as defined under Section 112(b) of the CAA;
818
- 819 3) The emission unit or modification is not subject to an emission standard or
820 other regulatory requirement under Section 111 of the CAA;
821
- 822 4) Potential emissions of regulated air pollutants from the emission unit or
823 modification will not, in combination with emissions from existing units
824 or other proposed units, trigger permitting requirements under Section
825 39.5, permitting requirements under Section 165 or 173 of the CAA, or
826 the requirement to obtain a revised federally enforceable State operating
827 permit limiting the source's potential to emit; and
828
- 829 5) The source is not currently the subject of a Non-compliance Advisory,
830 CAA Section 114 Request, Violation Notice, Notice of Violation,
831 Compliance Commitment Agreement, Administrative Order, or civil or
832 criminal enforcement action related to the air emissions of the source;
833
- 834 jjj) Replacement, addition, or modification of emission units at permitted sources that
835 are not major sources subject to Section 39.5 of the Act and that do not have a
836 federally enforceable State operating permit limiting their potential to emit, in
837 circumstances where:
838
- 839 1) The potential to emit of any regulated air pollutant in the absence of air
840 pollution control equipment from the new emission unit, or the increase in
841 the potential to emit resulting from the modification of any existing
842 emission unit is either:
843
- 844 A) Less than 0.1 lb per hour or 0.44 tons per year; or
845
- 846 B) Less than 0.5 lb per hour, and the permittee provides prior
847 notification to the Agency of the intent to construct or install the
848 unit. The unit may be constructed, installed, or modified
849 immediately after the notification is filed;
850
- 851 2) The emission unit or modification is not subject to an emission standard or
852 other regulatory requirement under Section 111 or 112 of the CAA;
853

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854 3) Potential emissions of regulated air pollutants from the emission unit or
855 modification will not, in combination with the emissions from existing
856 units or other proposed units, trigger permitting requirements under
857 Section 39.5 of the Act or the requirement to obtain a federally
858 enforceable permit limiting the source's potential to emit; and
859

860 4) The source is not currently the subject of a Non-compliance Advisory,
861 CAA Section 114 Request, Violation Notice, Notice of Violation,
862 Compliance Commitment Agreement, Administrative Order, or civil or
863 criminal enforcement action, related to the air emissions of the source;
864

865 kkk) The owner or operator of a CAAPP source is not required to obtain an air
866 pollution control construction permit for the construction or modification of an
867 emission unit or activity that is an insignificant activity under Section 201.210 or
868 201.211. The owner or operator must still follow Section 201.212, as applicable.
869 Other than excusing the owner or operator of a CAAPP source from the
870 requirement to obtain an air pollution control construction permit for the emission
871 units or activities, nothing in this subsection alters or affects the liability of the
872 CAAPP source for compliance with emission standards and other requirements
873 that apply to the emission units or activities, either individually or in conjunction
874 with other emission units or activities constructed, modified, or located at the
875 source;
876

877 lll) Plastic injection molding equipment with an annual through-put not exceeding
878 5,000 tons of plastic resin in the aggregate from all plastic injection molding
879 equipment at the source, and all associated plastic resin loading, unloading,
880 conveying, mixing, storage, grinding, and drying equipment and associated mold
881 release and mold cleaning agents;

883 mmm) Sources required to comply with Section 210.175 (Registration of Smaller
884 Sources).

885
886 (Source: Amended at 50 Ill. Reg. _____, effective
887 _____)

888
889 **Section 201.147 Former Permits(Repealed)**

890
891 (Source: Repealed at 50 Ill. Reg. _____, effective _____)

892
893 **Section 201.148 Operation Without Compliance Program and Project Completion**
894 **Schedule (Repealed)**

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(Source: Repealed at 50 Ill. Reg. _____, effective _____).

Section 201.149 Operation During Malfunction, Breakdown or Startups

A person must not cause or allow the continued operation of an emission source during malfunction or breakdown of the emission source or related air pollution control equipment if that operation would cause a violation of the applicable standards or limitations in Subchapter c, except as specifically provided for by the standard or limitation. A person must not cause or allow violation of the applicable standards or limitations in Subchapter c during startup, except as specifically provided for by the standard or limitation.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.150 Circumvention

Except as provided in 35 Ill. Adm. Code 212.207, 214.162, and 214.182 through 214.185, and except as further provided by Section 201.151, a person must not cause or allow the construction or operation of any device or any means, including the creation or use of any corporations or other business entities having interlocking directorships or substantially identical ownerships which, without resulting in a reduction in the total amount of any air contaminant emitted, conceals, dilutes, or permits air contaminant emissions which would otherwise violate these regulations.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.151 Design of Effluent Exhaust Systems

- a) A person must not cause or allow the operation of an emission source or air pollution control equipment without providing one or more stacks or vents designed to prevent the concentration of any air contaminant from:
 - 1) Exceeding any applicable ambient air quality standard, either alone or in combination with air contaminants from other sources;
 - 2) Causing or tending to cause air pollution, either alone or in combination with air contaminants from other sources; or,

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- 936 3) Exceeding the emission standards and limitations of Subchapter (c).
937
938 b) Exception. This rule does not apply to emission sources, such as stock piles of
939 particulate matter, that cannot reasonably be expected to be emitted through a
940 stack because of the disperse nature of the emission sources.
941

942 (Source: Amended at 50 Ill. Reg. , effective
943)
944

945 SUBPART D: PERMIT APPLICATIONS AND REVIEW PROCESS
946

947 **Section 201.152 Contents of Application for Construction Permit**
948

- 949 a) An application for a construction permit must contain, at a minimum:
950
951 1) the nature of the emission unit and air pollution control equipment,
952 including the expected life and deterioration rate;
953
954 2) information concerning processes to which the emission unit or air
955 pollution control equipment is related;
956
957 3) the quantities and types of raw materials to be used in the emission
958 ~~unit~~source or air pollution control equipment;
959
960 4) the nature, specific points of emission, and quantities of uncontrolled and
961 controlled air contaminant emissions at the source that includes the
962 emission unit or air pollution control equipment;
963
964 5) the type, size, efficiency, and specifications (including engineering
965 drawings, plans, and specifications certified by a registered Illinois
966 professional engineer) of the proposed emission unit or air pollution
967 control equipment; ~~and~~
968
969 6) maps, statistics, and other data reasonably sufficient to describe the
970 location of the emission unit or air pollution control equipment.
971
972 b) The Agency may waive the submission by the applicant of engineering drawings,
973 plans, specifications, or other portions of the above data or information it deems
974 inappropriate or unnecessary to the construction permit application.
975
976 c) The Agency may adopt procedures that require data and information, in addition

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977 to what subsection (a) requires, that are reasonably designed to determine
978 compliance with this Chapter and ambient air quality standards, or that establish
979 the format by which all data and information must be submitted.
980

981 (Source: Amended at 50 Ill. Reg. , effective
982)
983

984 **Section 201.156 Conditions**
985

986 The Agency may impose in a construction permit conditions necessary to accomplish the
987 purposes of the Act, and that are not inconsistent with the regulations promulgated by the Board
988 under the Act. Except as specified in it, nothing in this Chapter is meant to limit the Agency's
989 power to impose conditions. These conditions may include conditions specifying any testing
990 operations that may be conducted under the construction permit.
991

992 (Source: Amended at 50 Ill. Reg. , effective
993)
994

995 **Section 201.157 Contents of Application for Operating Permit**
996

- 997 a) An application for an operating permit must contain the data and information in
998 Section 201.152. Each application must list all individual emission units and air
999 pollution equipment for which a permit is sought. Any applicant may seek to
1000 obtain from the Agency a permit for each emission unit, multiple emission units
1001 that are similar in design or principle of operation or function, or all emission
1002 units encompassed in an identifiable operating unit, unless the applicant is subject
1003 to the provisions of Section 201.169 or required to obtain an operating permit
1004 with federally enforceable conditions in compliance with Section 39.5 of the Act.
1005
- 1006 b) To the extent that the data and information in subsection (a) have previously been
1007 submitted to the Agency in compliance with this Subpart, the data and
1008 information need not be resubmitted, but the applicant must certify that the data
1009 and information previously submitted remain true, correct, and current.
1010
- 1011 c) An application for an operating permit must contain a description of the startup
1012 procedure for each emission unit, the duration and frequency of startups, the types
1013 and quantities of emissions during startup, and the applicant's efforts to minimize
1014 startup emissions, duration of individual startups, and frequency of startups.
1015
- 1016 d) The Agency may adopt procedures that require data and information, in addition
1017 to what subsection (a) requires, that are reasonably designed to determine

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1018 compliance with this Chapter and ambient air quality standards, and that specify
1019 the format by which all data and information must be submitted.
1020

1021 (Source: Amended at 50 Ill. Reg. _____, effective
1022 _____)
1023

1024 **Section 201.158 Incomplete Applications**
1025

1026 An application is not considered filed until the applicant has submitted all information and
1027 completed application forms required by Section 201.152 or 201.157, whichever is applicable,
1028 and procedures adopted and effective under them. However, if the Agency, within 30 days after
1029 the filing of a purported application, fails to notify the applicant that the application is
1030 incomplete and provide the reasons the Agency deems it incomplete, the application is
1031 considered filed as of the date of the purported filing. The applicant may treat the Agency's
1032 notification that an application is incomplete as a denial of the application for review under
1033 Section 40 of the Act (~~[415 ILCS 5/40]~~).
1034

1035 (Source: Amended at 50 Ill. Reg. _____, effective
1036 _____)
1037

1038 **Section 201.159 Signatures**
1039

1040 All applications and supplements to them must be signed by the owner and operator of the
1041 source or their authorized agent and must be accompanied by evidence of authority to sign the
1042 application.
1043

1044 (Source: Amended at 50 Ill. Reg. _____, effective
1045 _____)
1046

1047 **Section 201.160 Standards for Issuance**
1048

- 1049 a) A construction permit must not be granted unless the applicant submits proof to
1050 the Agency that:
1051
- 1052 1) The emission unit or air pollution control equipment will be constructed or
1053 modified to operate so as not to cause a violation of the Act or this
1054 Chapter; and
1055
 - 1056 2) If subject to a future compliance date, the applicant has an approved
1057 compliance program and project completion schedule in compliance with
1058 Subpart H.

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- 1059
1060 b) An operating permit must not be granted unless the applicant submits proof to the
1061 Agency that:
1062
1063 1) The emission unit or air pollution control equipment has been constructed
1064 or modified to operate so as not to cause a violation of the Act or this
1065 Chapter, or has been granted a variance from them by the Board and is in
1066 full compliance with the variance;
1067
1068 2) The emission unit or air pollution control equipment has been constructed
1069 or modified in compliance with all conditions in the construction permit,
1070 where applicable;
1071
1072 3) Tests show the emission unit or air pollution control equipment is in
1073 compliance with Subpart J, applicable regulations, and permit conditions
1074 to operate in compliance with the emission limitations in this Chapter.
1075 However, the Agency may waive the requirement for actual tests where
1076 sufficient standard testing information is available;
1077
1078 4) The applicant has taken all technically feasible measures, including
1079 changes in work rules, to minimize the duration and frequency of startups
1080 and to reduce the quantity of emissions during ~~startup~~startups;
1081
1082 5) If subject to a future compliance date, the applicant has an approved
1083 compliance program and project completion schedule in compliance with
1084 Subpart H; and
1085
1086 6) If required, the applicant has an approved episode action plan in effect in
1087 compliance with 35 Ill. Adm. Code 244.
1088

1089 (Source: Amended at 50 Ill. Reg. , effective)
1090

1091 **Section 201.161 Conditions**
1092

1093 The Agency may impose conditions in an operating permit necessary to accomplish the purposes
1094 of the Act and not inconsistent with the regulations promulgated by the Board under it. Except
1095 as specified in this Section, nothing in this Chapter is meant to limit the Agency's power to
1096 impose conditions. When deemed appropriate as a condition to issuing an operating permit, the
1097 Agency may require that the permittee adequately maintain the air pollution control equipment
1098 covered by the permit. To assure that a maintenance program is planned, the Agency may
1099 require that the permittee have a maintenance program and keep maintenance records necessary

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1100 to demonstrate compliance with this rule. However, the Agency does not have the authority to
1101 approve the maintenance programs required under this Section.
1102

1103 (Source: Amended at 50 Ill. Reg. _____, effective
1104 _____)
1105

1106 **Section 201.162 Duration**
1107

1108 ~~a)~~a) An operating permit will be valid for only 10 years, or a shorter period specified
1109 by the Agency in the operating permit as necessary to accomplish the purposes of
1110 the Act and this Chapter, unless the source is subject to:
1111

1112 ~~1)~~1) Section 201.169; or
1113

1114 ~~2)~~2) Section 39.5 of the Act, except for sources exempt under Section
1115 39.5(1.1).
1116

1117 ~~b)~~b) Applications to renew an operating permit must be submitted to the Agency at
1118 least 90 days before the prior permit expires and must conform to Sections
1119 201.157, 201.158, and 201.159. The standards for issuing renewed operating
1120 permits are those in Section 201.160.
1121

1122 (Source: Amended at 50 Ill. Reg. _____, effective
1123 _____)
1124

1125 **Section 201.163 Joint Construction and Operating Permits**
1126

1127 When the Agency determines that an emission unit or air pollution control equipment is
1128 sufficiently standard to obviate the need for separate construction and operating permits, the
1129 Agency may issue a joint construction and operating permit. The Agency may adopt procedures
1130 that establish the circumstances under which joint construction and operating permits may be
1131 issued; require data and information designed to determine compliance with this Chapter and
1132 ambient air quality standards; and establish the format by which all data and information must be
1133 submitted. The standards for issuing joint construction and operating permits are those in
1134 Section 201.160. Except as provided in this Section, nothing in this Chapter is meant to limit the
1135 power of the Agency in this regard. The term "operating permit" as used elsewhere in this
1136 Chapter includes a joint construction and operating permit.
1137

1138 (Source: Amended at 50 Ill. Reg. _____, effective
1139 _____)
1140

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1141 **Section 201.164 Design Criteria(Repealed)**

1142

1143 (Source: Repealed at 50 Ill. Reg. _____, effective
1144 _____)

1145

1146 **Section 201.165 Hearings**

1147

1148 a) The Agency may conduct hearings before issuing a permit under this Chapter to
1149 determine whether an applicant has submitted proof that the emission source or
1150 air pollution control equipment is or will be in compliance with every rule of this
1151 Chapter.

1152

1153 b) The Agency must adopt procedural regulations for conducting these hearings.

1154

1155 (Source: Amended at 50 Ill. Reg. _____, effective
1156 _____)

1157

1158 **Section 201.166 Revocation**

1159

1160 Violation of any permit conditions, or the failure to comply with any rule or regulation of this
1161 Chapter, are grounds for revoking the permit and other sanctions under the Act. These sanctions
1162 may be sought by filing a complaint with the Board.

1163

1164 (Source: Amended at 50 Ill. Reg. _____, effective
1165 _____)

1166

1167 **Section 201.167 Revisions to Permits**

1168

1169 The Agency may revise any permit issued under Subpart D or any condition in the permit:

1170

1171 a) Upon reapplication by the permittee; or

1172

1173 b) Upon the revision of the Act or this Chapter.

1174

1175 (Source: Amended at 50 Ill. Reg. _____, effective
1176 _____)

1177

1178 **Section 201.168 Appeals from Conditions**

1179

1180 An applicant may consider any condition imposed by the Agency in a permit as a refusal by the
1181 Agency to grant a permit, which entitles the applicant to appeal the Agency's decision to the

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1182 Board under Section 40 of the Act [415 ILCS 5/40].

1183

1184 (Source: Amended at 50 Ill. Reg. _____, effective
1185 _____)

1186

1187 **Section 201.169 Special Provisions for Certain Operating Permits**

1188

1189 a) Applicability

1190

1191 1) Operating permits issued under Section 39 of the Act for sources of air
1192 pollution that are not subject to Section 39.5 of the Act and are not
1193 required to have a federally enforceable State operating permit are subject
1194 to this Section.

1195

1196 2) This Section applies only to sources that meet the requirements of
1197 subsection (a)(1) and whose permit has not expired under a renewal
1198 request under subsection (b)(2). If this Section no longer applies to a
1199 source and its permit has not expired under a renewal request under
1200 subsection (b)(2), the terms and conditions of the permit remain in effect
1201 until the permit is superseded by a new or revised permit or is withdrawn.

1202

1203 3) This Subpart does not exempt persons with permits issued under this
1204 Section from construction permit requirements under Section 201.142 or
1205 from review under Part 203 or Part 204 procedures for new and modified
1206 emission units.

1207

1208 b) Expiration and Renewal

1209

1210 1) The Agency may request the renewal of an operating permit subject to this
1211 Section for reasons including a change in the requirements applicable to
1212 the source; an indication that the information on the source's application is
1213 inaccurate; or information that the source may not be complying with the
1214 Act, a Board regulation, or an existing permit condition.

1215

1216 2) Despite Section 201.162, an operating permit subject to this Section
1217 expires 180 days after the Agency sends a written request for renewal of
1218 the permit. A permit will terminate if it is withdrawn upon written request
1219 by the permittee or is superseded by a revised permit issued for the source.

1220

1221 3) In its request for renewal under subsection (b)(2), the Agency may include
1222 a request for any supplemental information that the Agency may need to

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determine the continued applicability of this Section or the source's ability to comply with any requirement.

- 4) An owner or operator may appeal to the Board only a final determination by the Agency to deny a permit or include conditions as provided by Section 40 of the Act and Section 201.168, or a determination that a permit application is incomplete based upon insufficiencies such as a failure to submit information requested under subsection (b)(3) or Section 201.158.

c) Requirement for a Revised Permit

- 1) Persons with operating permits subject to this Section must obtain a revised permit before any of the following changes at the source:
 - A) An increase in emissions above the amount the emission unit or the source is permitted to emit;
 - B) A modification;
 - C) A change in operations that will result in the source's noncompliance with a condition in the existing permit; or
 - D) A change in ownership, company name, or address, so that the application or existing permit is no longer accurate.
- 2) If changes in the source's emission units or control equipment remove a source from the applicability of this Section, an owner or operator must apply for a construction permit under Section 201.152, if applicable, and either a federally enforceable State operating permit or a CAAPP permit under Section 39.5 of the Act.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.170 Portable Emission Units

- a) An emission unit is portable if the emission unit meets the following criteria:
 - 1) Emissions from the emission unit are expected to occur for less than one year at any one site;

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- 2) The emission unit of air pollution is subject to Section 201.169;
 - 3) The emission unit or group of emission units that will be changing sites is permitted to emit less than 25 tons per year of any combination of regulated air pollutants;
 - 4) The emission unit is mounted on a chassis or skids and is designed to be moveable; and
 - 5) The emission unit is not used as a thermal desorption system under 35 Ill. Adm. Code 728. Table F or as an incinerator system.
- b) An owner or operator of a portable emission unit meeting the requirements of subsection (a) may change the site of the unit without obtaining a new construction or operating permit under Section 201.142, 201.143, or 201.169 if the owner or operator meets the following requirements:
- 1) The owner or operator has obtained a construction and operating permit containing special conditions as required by subsection (c) for the emission unit, or is exempt under subsection (d);
 - 2) If a permit issued under subsection (c) includes more than one emission unit, the owner or operator must move all emission units covered by the permit to the new site;
 - 3) The owner or operator does not locate the emission unit on a site with:
 - A) A source that is subject to Section 39.5 of the Act; or
 - B) A source that would become subject to Section 39.5 of the Act if the emissions of all regulated pollutants from the portable emission unit were included in such source's potential to emit;
 - 4) The owner or operator does not modify the operation of the emission unit to:
 - A) Make the emission unit subject to NSR requirements under 35 Ill. Adm. Code 203 or PSD under Section 9.1(a) of the Act; or

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- 1304 B) Make the emission unit a support facility of a source that is subject
1305 to Section 39.5 of the Act;
1306
- 1307 5) At least three days before moving the emission unit to a new site, the
1308 owner or operator notifies the Agency by certified mail. The notification
1309 must include the items in this subsection (b)(5), unless the emission unit is
1310 exempt under subsection (d):
1311
- 1312 A) The location of the new site;
1313
- 1314 B) The estimated emissions of all regulated air pollutants while
1315 located at the new site; and
1316
- 1317 C) Confirmation that the operation for the emission unit will be
1318 consistent with its construction and operating permits; and
1319
- 1320 6) The owner or operator keeps a copy of the construction and operating
1321 permits for that emission unit on the site where the emission unit is in
1322 operation.
1323
- 1324 c) ~~Permit Requirements:~~
1325
- 1326 1) The owner or operator of an emission unit must obtain a new or amended
1327 construction and operating permit containing special conditions for
1328 changing the site of the portable emission unit under Sections 201.142,
1329 201.143, and 201.169 before an initial change in site of an emission unit.
1330 The permit application, in addition to the information required under
1331 Section 201.152, 201.157, and 201.169, must contain the following
1332 information:
1333
- 1334 A) The initial site of the emission unit;
1335
- 1336 B) A permanent address where correspondence may be sent to the
1337 owner or operator; and
1338
- 1339 C) The permanent site of any required operating records.
1340
- 1341 2) If the portable emission unit has a permit under this subsection (c) but has
1342 not changed sites within the prior 12 months at least once, the owner or
1343 operator must obtain a revised permit before changing the site of the
1344 emission unit.

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1345
1346 d) The owner or operator of a portable emission unit that is included in more than
1347 one operating permit and meets the requirements of subsections (a)(2) through
1348 (a)(5), (b)(3), (b)(4), and (b)(6) may change the site of the unit without obtaining a
1349 new construction or operating permit under Section 201.142, 201.143, or 201.169
1350 when the unit is moved to a site covered by the permit.
1351

1352 (Source: Amended at 50 Ill. Reg. , effective
1353)
1354

1355 **Section 201.175 Registration of Smaller Sources (ROSS)**
1356

1357 a) An owner or operator of an eligible source must annually register with the Agency
1358 instead of complying with the requirement to obtain an air pollution construction
1359 or operating permit under the Act or complying with a permit issued under
1360 Section 201.169. The owner and operator of a ROSS source are still subject to all
1361 applicable environmental statutes and regulations. The source must meet all the
1362 following criteria to be an eligible source:
1363

1364 1) Under Section 9.14 of the Act:
1365

1366 A) *The source must not be required to obtain a permit pursuant to the*
1367 *Clean Air Act Permit Program, or federally enforceable State*
1368 *operating permit program, or under regulations promulgated*
1369 *pursuant to Section 111 or 112 of the Clean Air Act;*
1370

1371 B) *USEPA has not otherwise determined that a permit is required;*
1372

1373 C) *The source emits less than an actual 5 tons per year of combined*
1374 *particulate matter, carbon monoxide, nitrogen oxides, sulfur*
1375 *dioxide, and volatile organic material air pollutant emissions;*
1376

1377 D) *The source emits less than an actual 0.5 tons per year of combined*
1378 *hazardous air pollutant emissions;*
1379

1380 E) *The source emits less than an actual 0.05 tons per year of lead air*
1381 *emissions;*
1382

1383 F) *The source emits less than an actual 0.05 tons per year of mercury*
1384 *air emissions; and*
1385

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- 1386 G) *The source does not have an emission unit or source subject to a*
1387 *standard pursuant to 40 CFR 61 (Maximum Achievable Control*
1388 *Technology) or 40 CFR 63 (National Emissions Standards for*
1389 *Hazardous Air Pollutants), other than those regulations that*
1390 *USEPA has categorized as "area source".*
1391
- 1392 2) Emission units at the source are not used as thermal desorption systems
1393 under 35 Adm. Code 728.Table F or as incinerator systems.
1394
- 1395 3) The source or its emission units are not subject to local siting under
1396 Section 39.2 of the Act.
1397
- 1398 b) To determine whether the actual emissions from the source meet the criteria of
1399 subsections (a)(1)(C), (a)(1)(D), (a)(1)(E), and (a)(1)(F), the owner or operator of
1400 a source must use emissions only from units that are not exempt under Section
1401 201.146 from permitting requirements, as follows:
1402
- 1403 1) Initial registration or reentry into ROSS. The owner or operator must sum
1404 the actual emissions from all units associated with the source for the
1405 previous calendar year. If the source is new, or has been operating less
1406 than one calendar year, projected estimated emissions may be used for all
1407 or the remaining months in the previous calendar year, respectively.
1408
- 1409 2) Annual renewal of registration:
1410
- 1411 A) To determine compliance with subsection (a)(1)(C), the owner or
1412 operator must:
1413
- 1414 i) Verify that the source still meets the eligibility criteria in
1415 subsection (a)(1)(C); or
1416
- 1417 ii) Calculate emissions by summing all actual emissions of
1418 combined PM, CO, NO_x, SO₂, and VOM from all units
1419 associated with the source for the previous calendar year.
1420 The total sum of these actual emissions must be less than or
1421 equal to 7 tons, or the total sum of these actual emissions
1422 from the previous two calendar years must be less than or
1423 equal to 10 tons.
1424
- 1425 B) To determine compliance with subsections (a)(1)(D), (a)(1)(E),
1426 and (a)(1)(F), the owner or operator must:

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- i) Verify that the source still meets the eligibility criteria in subsections (a)(1)(D), (a)(1)(E), and (a)(1)(F); or
 - ii) Calculate emissions by summing all actual emissions from all units at the source for the previous calendar year. Summed emissions of HAPs, mercury, and lead must be less than or equal to 0.5 tons per year, 0.05 tons per year, and 0.05 tons per year, for the previous calendar year, respectively.
- 1438 c) The following must be included in each initial registration and each re-entry
1439 registration:
1440
- 1) The name, address, and telephone number of the source and of the person responsible for submitting and retaining copies of the registration information and the records;
 - 2) A statement that the source meets the requirements of this Section;
 - 3) A certification that the information submitted in subsections (c)(1) and (c)(2) is correct or a correction of the information; and
 - 4) The applicable fee under Section 9.14 of the Act.
- 1445
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1451
- 1452 d) The owner or operator of an eligible source must submit the registration required
1453 by subsection (c) as follows:
1454
- 1) Initial registration
 - A) The owner or operator of a source holding a permit may register after the effective date of this Section and by their annual fee payment date in fiscal year 2013 (July 1, 2012, through June 30, 2013). The terms and conditions of a permit issued under Section 201.169 do not apply during the period the source is registered. The owner and operator of a ROSS source are still subject to all applicable environmental statutes and regulations.
 - B) The owner or operator of an operating source not holding a permit must register by July 1, 2012.
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- 1468 C) The owner or operator of a new source must register at least 10
1469 days before commencing construction or operation and may
1470 commence construction or operation 10 days after submittal to the
1471 Agency.
1472
- 1473 2) Annual registration. The owner or operator of a ROSS source must pay an
1474 annual fee on or before their annual fee payment date. Annual payment of
1475 the fee is verification by the owner or operator that the source continues to
1476 meet the criteria in subsection (a), as determined by subsection (b)(2), as
1477 applicable.
1478
- 1479 3) Re-entry into ROSS under subsection (h). The owner or operator of a
1480 source that re-enters ROSS based on the criteria in subsection (a), as
1481 determined by subsection (b)(1), must register and pay an annual fee on or
1482 before their annual fee payment date.
1483
- 1484 e) The owner or operator must keep the following records and make them available
1485 for inspection by the Agency:
1486
- 1487 1) A description of the emission units associated with the source and their
1488 associated control devices;
1489
- 1490 2) A description of control efficiency or emission rates of any control devices
1491 that are relied upon to meet the criteria for ROSS in subsection (a), as
1492 determined by subsection (b)(1) or (b)(2), as applicable;
1493
- 1494 3) Documentation of the source's actual emissions and calculations
1495 demonstrating that the source is eligible for ROSS under the criteria in
1496 subsection (a), as determined by subsection (b)(1) or (b)(2), as applicable.
1497 This documentation may include annual material usage or emission rates;
1498
- 1499 4) A copy of the source's initial registration; and
1500
- 1501 5) A copy of the owner's or operator's annual fee payment for at least the
1502 most recent five calendar years.
1503
- 1504 f) Changes to a ROSS source requiring notification. The owner or operator of the
1505 source must notify the Agency in writing within 45 days after the change to the
1506 source, if the information provided in subsection (c)(1) changes.
1507

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- 1508 g) Changes requiring a new or modified construction or operating permit, or
1509 compliance with conditions in an existing permit issued under Section 201.169
1510
- 1511 1) The owner or operator must apply for a permit by the date required by the
1512 new regulation or statute if there is a change in a regulatory or statutory
1513 requirement or a new regulation or statutory requirement that makes a
1514 source ineligible for ROSS under the criteria in subsection (a), as
1515 determined in subsection (b)(2), as applicable.
1516
- 1517 2) If the source no longer meets the criteria in subsection (a), as determined
1518 by subsection (b)(2), as applicable:
1519
- 1520 A) The owner or operator of a source that did not have a permit under
1521 Section 201.169 before registration must apply and comply with
1522 the applicable requirements of the Act and 35 Ill. Adm. Code Parts
1523 201, 203, and 204 as follows:
1524
- 1525 i) If the source is eligible for a permit under Section 201.169,
1526 the owner or operator must apply for a permit within 90
1527 days before the source's annual fee payment date.
1528
- 1529 ii) If the source is not eligible under Section 201.169, the
1530 owner or operator must apply for a permit under the Act
1531 and 35 Ill. Adm. Code Parts 201, 203, and 204.
1532
- 1533 iii) If the source was not constructed or operated at the time of
1534 initial registration and has actual emissions exceeding the
1535 eligibility levels during the first or second year of
1536 operations as determined in subsection (b)(2), the owner or
1537 operator must apply for an operating permit and pay
1538 construction permit application fees.
1539
- 1540 B) The owner or operator of a source that had a permit under Section
1541 201.169 before registration
1542
- 1543 i) If the source is complying with the terms and conditions of
1544 the permit, the owner or operator must notify the Agency
1545 by the source's annual fee payment date of the calendar year
1546 following the change in status from a ROSS eligible source
1547 to a permitted source.
1548

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- 1549 ii) If the source is not complying with the terms and
- 1550 conditions of the permit but is still eligible for a permit
- 1551 under Section 201.169, the owner or operator must apply
- 1552 for a new or revised permit within 90 days before the
- 1553 source's annual fee payment date.
- 1554
- 1555 iii) If the source is not eligible for a permit under Section
- 1556 201.169, the owner or operator must comply with the
- 1557 applicable permitting requirements under the Act and 35
- 1558 Ill. Adm. Code Parts 201, 203, and 204.
- 1559
- 1560 h) Reentry into ROSS. The owner or operator of a source that changed status to
- 1561 become a permitted source under subsection (g) must submit a registration for
- 1562 ROSS if the source meets the criteria in subsection (a), as determined in
- 1563 subsection (b)(1), in the previous calendar year.
- 1564

(Source: Amended at 50 Ill. Reg. , effective)

SUBPART F: CAAPP PERMITS

Section 201.207 Applicability

This Subpart applies only to sources subject to Section 39.5 of the Act. The requirements of Sections 201.143 through 201.146, Sections 201.157 through 201.165 and 201.169, and Subparts G and H do not apply to a source subject to Section 39.5 of the Act.

(Source: Amended at 50 Ill. Reg. , effective)

Section 201.208 Supplemental Information

Despite Sections 201.210, 201.211, and 201.212, an applicant for a CAAPP permit must supplement its application with any information for an emission unit of the source that is needed to determine any applicable requirement or to include in a permit any applicable requirement when the information is requested by the Agency under Section 39.5(5)(g) of the Act or when the applicant becomes aware that the information has not been submitted or that incorrect information has been submitted under Section 39.5(5)(i) of the Act.

(Source: Amended at 50 Ill. Reg. , effective)

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Section 201.209 Emissions of Hazardous Air Pollutants

- a) To establish whether an emission unit qualifies as an insignificant activity and provide emission data for an emission unit in a CAAPP application, an applicant may presume that an emission unit does not emit an air pollutant listed as hazardous under Section 112(b) of the CAA if:
 - 1) Raw material, other than fuel, for the emission unit contains a concentration by weight of the pollutant that is equal to or less than the following:
 - A) 0.01% by weight for the following pollutants if more than 1 ton of the raw material is used annually: alkylated lead compounds, polycyclic organic matter, hexachlorobenzene, mercury, polychlorinated biphenyls, 2,3,7,8-tetrachlorodibenzofurans, and 2,3,7,8-tetrachlorodibenzene-p-dioxin;
 - B) 0.01% by weight for pollutants other than those in subsection (a)(1)(A) if more than 1,000 tons of the raw material are used annually; or
 - C) 0.1% by weight for pollutants other than those addressed in subsection (a)(1)(A) or (B).
 - 2) The fuel used in the emission unit does not qualify as a hazardous waste, and the emission unit is not subject to an applicable requirement for the pollutant.
- b) Despite subsection (a), under Section 39.5(5)(g) of the Act, the Agency may require an applicant to submit specific information for an emission unit concerning emissions of an air pollutant listed as hazardous under Section 112(b) of the CAA.

(Source: Amended at 50 Ill. Reg. , effective)

Section 201.210 Categories of Insignificant Activities or Emission Levels

- a) The owner or operator of a CAAPP source, under 35 Ill. Adm. Code 270, must submit to the Agency within its CAAPP application a list of the following

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- 1631 activities or emission levels:
1632
1633 1) Any emission unit determined to be an insignificant activity by the Agency
1634 under Section 201.211;
1635
1636 2) Emission units with emissions that never exceed 0.1 lbs/hr of any
1637 regulated air pollutant without air pollution control equipment and that do
1638 not emit any air pollutant listed as hazardous under Section 112(b) of the
1639 CAA;
1640
1641 3) Emission units with emissions that never exceed 0.44 tons/year of any
1642 regulated air pollutant without air pollution control equipment and that do
1643 not emit any air pollutant listed as hazardous under Section 112(b) of the
1644 CAA;
1645
1646 4) Direct combustion units designed and used for comfort heating purposes
1647 and fuel combustion emission units as follows:
1648
1649 A) Units with a rated heat input capacity of less than 2.5 MMbtu/hr
1650 that fire only natural gas, propane, or liquefied petroleum gas;
1651
1652 B) Units with a rated heat input capacity of less than 1.0 MMbtu/hr
1653 that fire only oil or oil in combination with only natural gas,
1654 propane, or liquefied petroleum gas;
1655
1656 C) Units with a rated capacity of less than 200,000 btu/hr which never
1657 burn refuse or treated or chemically contaminated wood;
1658
1659 5) Extruders used to extrude metals, minerals, plastics, rubber, or wood,
1660 excluding extruders used to manufacture polymers, if ~~VOM~~VOM or
1661 class I or II substances subject to Title VI of the CAA are not used as
1662 foaming agents or release agents or were not used as foaming agents in the
1663 case of extruders processing scrap material;
1664
1665 6) Furnaces used to melt metals other than beryllium with a brim full
1666 capacity of less than 450 cubic inches by volume;
1667
1668 7) Equipment used to melt or apply less than 50,000 lbs/yr of wax to which
1669 no organic solvent has been added;
1670
1671 8) Equipment used for filling drums, pails, or other packaging containers,

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- 1672 excluding aerosol cans, with soaps, detergents, surfactants, lubricating
1673 oils, waxes, vegetable oils, greases, animal fats, glycerin, sweeteners, corn
1674 syrup, aqueous salt solutions, or aqueous caustic solutions;
1675
- 1676 9) Equipment used to mix and blend materials at ambient temperature to
1677 make water-based adhesives if each material contains less than 5%
1678 organic solvent by weight;
1679
- 1680 10) Storage tanks, as follows:
1681
- 1682 A) Storage tanks of organic liquids with a capacity of less than 10,000
1683 gallons and an annual throughput of less than 100,000 gallons if
1684 the tank is not used to store any amount of gasoline, including
1685 gasoline/ethanol blend fuels, or any amount of material or mixture
1686 of any material listed as a HAP under Section 112(b) of the CAA;
1687
- 1688 B) Storage tanks of gasoline, including gasoline/ethanol blend fuels,
1689 with a capacity of less than 2,000 gallons;
1690
- 1691 11) Storage tanks of virgin or re-refined distillate oil (including kerosene and
1692 diesel fuel), hydrocarbon condensate from natural gas pipeline or storage
1693 systems, lubricating oil, or residual fuel oils;
1694
- 1695 12) Die casting machines where a metal or plastic is formed under pressure in
1696 a die;
1697
- 1698 13) Coating operations (excluding powder, architectural, and industrial
1699 maintenance coating) with aggregate VOM usage that never exceeds 15
1700 lbs/day from all coating lines at the source, including VOM from coating,
1701 diluents, and cleaning materials;
1702
- 1703 14) Printing operations with aggregate organic solvent usage that never
1704 exceeds 750 gal per year from all printing lines at the source, including
1705 organic solvent from inks, diluents, fountain solutions, and cleaning
1706 materials;
1707
- 1708 15) Gas turbines and stationary reciprocating internal combustion engines of
1709 less than 112 kW (150 horsepower) power output;
1710
- 1711 16) Gas turbines and stationary reciprocating internal combustion engines of
1712 between 1,118 and 112 kW (1,500 and 150 horsepower) power output that

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- 1713 are emergency or standby units;
1714
1715 17) Storage tanks of any size containing exclusively soaps, detergents,
1716 surfactants, waxes, glycerin, vegetable oils, greases, animal fats,
1717 sweetener, corn syrup, aqueous salt solutions, or aqueous caustic solutions
1718 if an organic solvent has not been mixed with the materials;
1719
1720 18) Loading and unloading systems for railcars, tank trucks, or watercraft that
1721 handle only the following liquid materials if an organic solvent has not
1722 been mixed with the materials: soaps, detergents, surfactants, lubricating
1723 oils, waxes, glycerin, vegetable oils, greases, animal fats, sweetener, corn
1724 syrup, aqueous salt solutions, or aqueous caustic solutions; and
1725
1726 19) Fuel dispensing operations and fuel dispensing equipment for the fuels in
1727 subsections (a)(19)(A) and (B) for mobile sources, including on-road and
1728 off-road vehicles, for use in those mobile sources. For this subsection
1729 (a)(19), fuel dispensing equipment means equipment for transferring fuel
1730 to a mobile source, including nozzles, hoses, swivels, breakaways, hose
1731 retractors, vapor valves, dispensers, vacuum-assist devices, vapor-return
1732 piping, and liquid collection points. Storage tanks and storage tank
1733 equipment are not included in fuel dispensing operations or fuel
1734 dispensing equipment and are addressed separately.
1735
1736 A) Gasoline, including gasoline/ethanol blend fuels, if the annual
1737 throughput of the fuel dispensed is less than 120,000 gallons
1738 (rolling 12-month total).
1739
1740 B) Distillate oil (including kerosene and diesel fuel), biodiesel, and
1741 biodiesel/distillate oil blends.
1742
1743 b) The owner or operator of a CAAPP source is not required to individually list the
1744 following activities in a CAAPP application under 35 Ill. Adm. Code 270. The
1745 applicant must denote whether any of the following activities are present at the
1746 source in its CAAPP application:
1747
1748 1) Air conditioning or ventilating equipment not designed to remove air
1749 contaminants generated by or released from associated equipment;
1750
1751 2) Photographic process equipment by which an image is reproduced upon
1752 material sensitized to radiant energy;
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- 3) Equipment used for hydraulic or hydrostatic testing;
 - 4) General vehicle maintenance and servicing activities at the source, other than fuel handling or dispensing of gasoline (including gasoline/ethanol blend fuels), distillate oil (including kerosene and diesel fuel), biodiesel, or biodiesel/distillate oil blends;
 - 5) Cafeterias, kitchens, and other facilities used for preparing food or beverages primarily for consumption at the source;
 - 6) Equipment using water, water and soap or detergent, or a suspension of abrasives in water to clean or finish if no organic solvent has been added to the water;
 - 7) Administrative activities, including paper shredding, copying, photographic activities, and blueprinting machines, but excluding incinerators;
 - 8) Laundry dryers, extractors, and tumblers processing clothing, bedding, and other fabric items used at the source that have been cleaned with water solutions of bleach or detergents; however, any organic solvent present in the items before processing that is retained from clean-up operations must be addressed as part of the VOM emissions from use of cleaning materials;
 - 9) Housekeeping activities for cleaning purposes, including collecting spilled and accumulated materials at the source and operating fixed vacuum cleaning systems specifically for these purposes, but excluding use of cleaning materials that contain organic solvent;
 - 10) Refrigeration systems, including storage tanks used in refrigeration systems, but excluding any combustion equipment associated with these systems;
 - 11) Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including associated laboratory fume hoods, vacuum producing devices, and control devices installed primarily to address potential accidental releases;
 - 12) Restroom facilities and associated clean-up operations, and stacks or vents used to prevent the escape of sewer gases through plumbing traps;

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- 13) Activities associated with constructing, repairing on-site, maintaining or dismantling buildings, utility lines, pipelines, wells, excavations, earthworks, and other structures that do not constitute emission units;
 - 14) Storage tanks of organic liquids with a capacity of less than 500 gal, if the tank is not used to store any amount of material or mixture of any material listed as a HAP under Section 112(b) of the CAA;
 - 15) Piping and storage systems for natural gas, propane, and liquefied petroleum gas;
 - 16) Water treatment or storage systems, as follows:
 - A) Systems for potable water or boiler feedwater;
 - B) Systems, including cooling towers, for process water if that water has not been in direct or indirect contact with process streams that contain VOM or materials listed as HAPs under Section 112(b) of the CAA;
 - 17) Lawn care, landscape maintenance, and groundskeeping activities;
 - 18) Containers, reservoirs, or tanks used exclusively in dipping operations to coat objects with oils, waxes, or greases, if no organic solvent has been mixed with those materials;
 - 19) Cold cleaning degreasers that are not in-line cleaning machines, where the vapor pressure of the solvents used never exceed 2 kPa (15 mmHg or 0.3 psi) measured at 38 ~~°C~~ (100 ~~°F~~) or 0.7 kPa (5 mmHg or 0.1 psi) at 20 ~~°C~~ (68 ~~°F~~);
 - 20) Manually operated equipment used for buffing, polishing, carving, cutting, drilling, machining, routing, sanding, sawing, scarfing, surface grinding, or turning;
 - 21) Use of consumer products, including hazardous substances as defined in the Federal Hazardous Substances Act (15 ~~USC~~U.S.C. 1261 et seq.), where the product is used at a source in the same manner as normal consumer use;

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- 22) Activities directly used in the diagnosis and treatment of a disease, injury, or other medical condition;
 - 23) Firefighting activities and training in preparation for fighting fires conducted at the source;

BOARD NOTE: Open burning permits may be required for certain training activities.
 - 24) Internal combustion engine or boiler (including the fuel system) of motor vehicles, locomotives, aircraft, watercraft, lift trucks, and other vehicles powered by nonroad engines;
 - 25) Activities associated with constructing, repairing, or maintaining roads or other paved or open areas, including operating street sweepers, vacuum trucks, spray trucks, and other vehicles related to the control of fugitive emissions of those roads or other areas;
 - 26) Storage and handling of drums or other transportable containers where the containers are sealed during storage and handling;
 - 27) Individual points of emission or activities as follows:
 - A) Individual flanges, valves, pump seals, pressure relief valves, and other individual components that have the potential for leaks;
 - B) Individual sampling points, analyzers, and process instrumentation, whose operation may result in emissions;
 - C) Individual features of an emission unit, such as each burner and sootblowers in a boiler or each use of cleaning materials on a coating or printing line;
 - D) Individual equipment that is transportable or activities within a facility established for testing units before sale or distribution or for research; and
 - E) Individual equipment or activities within a pilot plant facility that is used for research or training;
- BOARD NOTE: Despite subsections (A) through (E), these points of

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1877 emissions or activities must be addressed in a CAAPP application in
1878 sufficient detail to identify applicable requirements and demonstrate
1879 compliance with the requirements. Emission data for these activities must
1880 be addressed in the aggregate for each emission unit or group of related
1881 emission units.
1882

- 1883 28) Activities at a source associated with the modification only or construction
1884 only of a facility, an emission unit, or other equipment at the source; and
1885

1886 BOARD NOTE: Despite the status of this activity as insignificant, a
1887 particular activity that entails modification or construction of an emission
1888 unit or construction of air pollution control equipment may require a
1889 construction permit under Section 201.142 and may subsequently require a
1890 revised CAAPP permit. A revised CAAPP permit may also be necessary
1891 to operate an emission unit after completing a particular activity if the
1892 existing CAAPP permit does not accommodate the new state of the
1893 emission unit.
1894

- 1895 29) Activities at a source associated with maintaining, repairing, or
1896 dismantling an emission unit or other equipment installed at the source,
1897 but excluding the shutdown of the unit or equipment. This includes
1898 preparing for maintenance, repair, or dismantlement, and preparing for
1899 subsequent startup, including preparing a shutdown vessel for entry,
1900 replacing insulation, welding and cutting, and steam purging a vessel
1901 before startup.
1902

1903 (Source: Amended at 50 Ill. Reg. , effective
1904)
1905

1906 **Section 201.211 Application for Classification as an Insignificant Activity**
1907

- 1908 a) An owner or operator of a CAAPP source may propose to the Agency in its
1909 CAAPP application that an emission unit at the source be treated as an
1910 insignificant activity consistent with Section 201.210 if the emission unit meets
1911 the following criteria and the owner or operator provides the information required
1912 in subsection (b) regarding the emission unit:
1913

- 1914 1) The emission unit would not emit more than 1.0 lb/hr of any regulated air
1915 pollutant not listed as hazardous under Section 112(b) of the CAA without
1916 air pollution control equipment;
1917

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- 1918 2) The emission unit would not emit more than 0.1 lb/hr of any regulated air
1919 pollutant that is listed as hazardous under Section 112(b) of the CAA
1920 without air pollution control equipment; and
1921
1922 3) The emission unit is not a process unit.
1923
1924 b) The owner or operator of the emission unit must include the following
1925 information in its CAAPP application:
1926
1927 1) A description of the emission unit including the function and expected
1928 operating schedule of the unit;
1929
1930 2) A description of any air pollution control equipment or control measures
1931 associated with the emission unit;
1932
1933 3) The emissions of regulated air pollutants in lb/hr and ton/yr;
1934
1935 4) The means by which emissions were determined or estimated;
1936
1937 5) The estimated number of these emission units at the source; and
1938
1939 6) Other information upon which the applicant relies to support treating the
1940 emission unit as an insignificant activity.
1941
1942 c) The Agency must determine whether the emission unit may be treated as an
1943 insignificant activity by considering factors including the following:
1944
1945 1) The amount and nature of emissions;
1946
1947 2) The basis by which emissions were determined;
1948
1949 3) The expected consistency and reliability of operation of the emission unit;
1950
1951 4) The operating schedule or intended use of the emission unit;
1952
1953 5) The air pollution control equipment or control measures applied to the
1954 emission unit;
1955
1956 6) The nature of applicable requirements;
1957
1958 7) The environmental impact of the emission unit; and

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8) The potential benefits to the environment if the emission unit were not treated as an insignificant activity.

d) Unless the Agency notifies the applicant in writing that the emission unit cannot be treated as an insignificant activity following the Agency's determination in subsection (c), the emission unit will be deemed an insignificant activity for purposes of Section 201.210(a). If the Agency determines that an emission unit cannot be treated as an insignificant activity under this Section, the Agency must notify the owner or operator in writing and request that the owner or operator submit the information required in a CAAPP application under Agency procedures regarding the emission unit within a reasonable time frame. The owner or operator must submit the requested information to the Agency within the time frame stated in the request.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.212 Revisions to Lists of Insignificant Activities or Emission Levels

a) The owner or operator of a CAAPP source is not required to notify the Agency of additional insignificant activities present at the source of a type that were previously listed in its CAAPP application under Section 201.210(a) or 201.211 until it submits its renewal CAAPP application.

b) The owner or operator of a CAAPP source seeking to add a new insignificant activity of a type under Section 201.210(a) or 201.211 that was not previously listed in its CAAPP application must notify the Agency under Section 39.5(12)(b) of the Act.

c) The owner or operator of a CAAPP source is not required to notify the Agency of additional insignificant activities present at the source of a type that were previously listed in its CAAPP application under Section 201.210(b) or any new insignificant activities of a type under Section 201.210(b) that were not previously listed in its CAAPP application until it submits its renewal CAAPP application.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

**SUBPART H: COMPLIANCE PROGRAMS AND PROJECT
COMPLETION**

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2041 A compliance program and project completion schedule must not be approved unless the
2042 applicant submits proof to the Agency that:
2043

- 2044 a) The compliance program will result in timely compliance with the applicable
2045 standards and limitations of Subchapter c; and
2046
2047 b) The owner or operator has provided adequate proof that it is committed to the
2048 compliance program or project completion schedule, including, in the case of a
2049 corporation, certification by a duly authorized officer of the corporation that the
2050 corporation approves each provision of the program and schedule.
2051

2052 (Source: Amended at 50 Ill. Reg. , effective
2053)
2054

2055 **Section 201.244 Revisions**
2056

2057 The owner or operator of an emission source or air pollution control equipment subject to an
2058 approved compliance program and project completion schedule may request a revision of the
2059 program or schedule at any time. In addition, the Agency may require a revision upon any
2060 change in the Act or this Chapter. The Agency must not approve any revision which contains a
2061 final compliance date later than the applicable date in Subchapter c.
2062

2063 (Source: Amended at 50 Ill. Reg. , effective
2064)
2065

2066 **Section 201.245 Effects of Approval**
2067

2068 The Agency must approve a compliance program and project completion schedule before it
2069 issues a permit and before the permit becomes effective under Subpart D. An approved
2070 compliance program and project completion schedule and full compliance with them, and a
2071 current operating permit, are a prima facie defense to any enforcement action alleging a violation
2072 of the standards or limitations in Subchapter c with respect to any air contaminant included in the
2073 program and schedule during the period of the program. Failure to adhere to an approved
2074 compliance schedule constitutes a violation of this Part for which appropriate sanctions may be
2075 sought under the Act.
2076

2077 (Source: Amended at 50 Ill. Reg. , effective
2078)
2079

2080 **Section 201.246 Records and Reports**
2081

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2082 Any person subject to this Subpart must maintain records and make reports as required in
2083 procedures adopted by the Agency under Subpart K.

2084
2085 (Source: Amended at 50 Ill. Reg. _____, effective
2086 _____)

2087
2088 **Section 201.247 Submission and Approval Dates**

2089
2090 The owner or operator of an emission source required to have a compliance plan and project
2091 completion schedule must have a compliance plan and project completion schedule, where
2092 applicable, approved by the Agency by the dates in Subchapter c. A compliance plan and project
2093 completion schedule, where applicable, must be submitted at least 90 days before the date
2094 required in Subchapter c.

2095
2096 (Source: Amended at 50 Ill. Reg. _____, effective
2097 _____)

2098
2099 **SUBPART J: MONITORING AND TESTING**

2100
2101 **Section 201.281 Permit Monitoring Equipment Requirements**

2102
2103 Except as otherwise provided at Subpart L, every emission source or air pollution control
2104 equipment must be equipped with monitoring instruments as required as a condition to a permit
2105 issued by the Agency. The permit may require that the monitoring instruments be continuous or
2106 intermittent. The monitoring instruments must be installed, maintained, and operated at the
2107 expense of the owner or operator of the emission source or air pollution control equipment. A
2108 permit condition to monitor is appealable to the Board under Section 40 of the Act.

2109
2110 (Source: Amended at 50 Ill. Reg. _____, effective
2111 _____)

2112
2113 **Section 201.282 Testing**

2114
2115 Every emission source or air pollution control equipment is subject to the following testing
2116 requirements to determine the nature and quantities of specified air contaminant emissions and
2117 ground level and ambient air concentrations of such air contaminants:

- 2118
2119 a) Testing by Owner or Operator. The Agency may require the owner or operator of
2120 the emission source or air pollution control equipment to conduct tests in
2121 compliance with procedures adopted by the Agency, at reasonable times specified
2122 by the Agency, and at the expense of the owner or operator of the emission source

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2123 or air pollution control equipment. The Agency may adopt procedures detailing
2124 methods of testing and formats for reporting results of testing. These procedures
2125 and revisions will not become effective until filed with the Secretary of State, as
2126 required by the Illinois Administrative Procedure Act (5 ILCS 100). All such
2127 tests must be made by or under the direction of a person qualified by training,
2128 experience, or both in the field of air pollution testing. The Agency has the right
2129 to observe all aspects of these tests.
2130

2131 b) Testing by the Agency. The Agency has the right to conduct these tests at any
2132 time at its own expense. Upon request of the Agency, the owner or operator of the
2133 emission source or air pollution control equipment must provide, without charge
2134 to the Agency, necessary holes in stacks or ducts and other safe and proper testing
2135 facilities, including scaffolding, but excluding instruments and sensing devices, as
2136 may be necessary.
2137

2138 (Source: Amended at 50 Ill. Reg. _____, effective
2139 _____)
2140

2141 **Section 201.283 Records and Reports**
2142

2143 Any person subject to this Subpart must maintain records and make reports as required in
2144 procedures adopted by the Agency under Subpart K.
2145

2146 (Source: Amended at 50 Ill. Reg. _____, effective
2147 _____)
2148

2149 **SUBPART K: RECORDS AND REPORTS**
2150

2151 **Section 201.301 Records**
2152

2153 a) The owner or operator of any emission source or air pollution control equipment
2154 must maintain the following records, which must be made available to the Agency
2155 at any reasonable time:
2156

2157 1) records detailing all activities under any compliance program and project
2158 completion schedule in compliance with Subpart H;
2159

2160 2) records of all monitoring and testing conducted in compliance with
2161 Subpart J; and
2162

2163 3) records of all monitoring and testing of any type conducted with respect to

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2164 specified air contaminants.

2165

2166 b) The Agency may adopt procedures which:

2167

2168 1) Require maintaining additional records consistent with this Part; and

2169

2170 2) Specify the format in which all records must be maintained.

2171

2172 c) The procedures and formats and revisions to them will not become effective until
2173 filed with the Secretary of State as required by the Illinois Administrative
2174 Procedure Act (5 ILCS 100).

2175

2176 (Source: Amended at 50 Ill. Reg. _____, effective
2177 _____)

2178

Section 201.302 Reports

2179

2180 a) The owner or operator of any emission unit or air pollution control equipment
2181 meeting the applicability criteria in 35 Ill. Adm. Code 254.102 must submit to the
2182 Agency, as a minimum, annual reports detailing the nature, specific emission
2183 units, and total annual quantities of all specified air contaminant emissions.
2184 However, the Agency may require more frequent reports when necessary to
2185 accomplish the purposes of the Act and this Chapter.

2186

2187 b) The Agency may adopt procedures which require submitting additional reports
2188 and which establish the format in which all reports must be submitted. These
2189 procedures and formats and revisions to them will not become effective until filed
2190 with the Secretary of State as required by the Illinois Administrative Procedure
2191 Act (5 ILCS 100).

2192

2193 c) All emission data received by the Agency must be available for public inspection
2194 at reasonable times and upon reasonable notice.

2195

2196 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2197

SUBPART L: CONTINUOUS MONITORING

2198

Section 201.401 Continuous Monitoring Requirements

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2201 a) Except as otherwise provided at Sections 201.402 and 201.403, the owners and
2202 operators of the following emission sources must install, operate, calibrate, and
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maintain continuous monitoring equipment for the indicated pollutants.

1) Fossil fuel-fired steam generators with an annual average capacity factor greater than 30%, as reported to the Federal Power Commission for calendar year 1974, or as otherwise demonstrated to the Agency through annual production data and equipment rating information representative of the facility's operations, must monitor for:

A) Opacity, when the steam generator is greater than 250 MMbtu/hr heat input, unless:

- i) Gas is the only fuel burned; or
- ii) Oil or a mixture of gas and oil are the only fuels burned, the source can comply with the limitations applicable to the source for PM and opacity without using collection equipment for PM, and the source has never been found to violate an applicable visible or particulate emission standard through any administrative or judicial proceedings.

B) Nitrogen oxides, when:

- i) The steam generator is greater than 1,000 MMbtu/~~hr~~heat input;
- ii) The facility is located in an Air Quality Control Region where the Administrator of the USEPA, ~~has~~ specifically determined under Section 107 of the Clean Air Act (42 U.S.C. 7407) that a control strategy for nitrogen dioxide is necessary to attain the national standards; and
- iii) The owner or operator has not demonstrated during compliance tests that the source emits NO_x at levels less than 30% or more below the emissions standards applicable to that source. These compliance tests must be performed in compliance with regulations promulgated by the USEPA under Section 111 of the CAA (42 ~~USE~~U.S.C. 7411), as amended. *The provisions of Section 111 of the Clean Air Act ~~relating to standards of performance for new stationary sources~~ are applicable in this ~~state~~State and*

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are enforceable under the Act (415 ILCS 5/9.1(b)).

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C) Sulfur dioxide, when the steam generator is greater than 250 MMbtu/hr heat input and has installed and operates SO₂ pollution control equipment.

D) Percent oxygen or CO₂, when measurements of oxygen or CO₂ in the flue gas are required in regulations adopted by the USEPA under Section 111 of the CAA (42 ~~USC~~U.S.C. 7411), as amended, to convert SO₂ or NO_x continuous emissions data to units of the emission standard applicable to that source. *The provisions of Section 111 of the Clean Air Act relating to standards of performance for new stationary sources are applicable in this ~~state~~State and are enforceable under the Act (415 ILCS 5/9.1(b)).*

2) Sulfuric acid plants of greater than 300 tons per day production capacity, the production expressed as 100% acid, must monitor for SO₂ at each point of SO₂ emission.

3) Nitric acid plants of greater than 300 tons per day production capacity, the production capacity expressed as 100% acid, located in an Air Quality Control Region where the Administrator of the USEPA has specifically determined under Section 107 of the CAA that a control strategy for NO_x is necessary to attain the national standard, must monitor for ~~NO_x~~NO₂ at each point of ~~NO_x~~NO₂ emission.

4) Petroleum refineries must monitor for opacity at each catalyst regenerator for fluid bed catalytic cracking units of greater than 20,000 barrels per day fresh feed capacity.

b) Except for sources permitted to use alternative monitoring under Section 201.402, compliance with the Illinois emissions limitations by the owners and operators of emission sources required to monitor continuously must be determined by using equipment which meets the performance specifications in paragraphs 3.1 through 3.8 of 40 CFR 51, Appendix P (2024), incorporated by reference in Section 201.104(f) and relevant regulations promulgated by the USEPA under Section 111 of the CAA ~~{(42 USC U.S.C. 7411)}~~, as amended. *The provisions of Section 111 of the Clean Air Act relating to standards of performance for new stationary sources...are applicable in this ~~state~~State and are enforceable under the Act ~~{(415 ILCS 5/9.1(b))}~~.*

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2287 (Source: Amended at 50 Ill. Reg. _____, effective
2288 _____)
2289

Section 201.402 Alternative Monitoring

2290
2291
2292 Alternative monitoring requirements for sources subject to Section 201.401(a) will be prescribed
2293 by permit after the owner or operator demonstrates that continuous monitoring is technically
2294 unreasonable or infeasible due to physical plant limitations or would impose an extreme
2295 economic burden. The owner or operator must demonstrate that the installation, location, or
2296 operation of a continuous monitoring system or device:
2297

- 2298 a) Would not provide accurate determinations of NO_x, SO₂, CO₂, percent oxygen, or
2299 opacity;
- 2300
- 2301 b) Cannot be installed due to the facility's physical constraints, such as size, space,
2302 or strength of materials, or due to safety considerations; or
2303
- 2304 c) Would impose an extreme economic burden in proportion to the significance of
2305 the monitoring information which would be provided, in that the cost of
2306 monitoring would exceed the norm for similar sources and those costs would have
2307 a significant adverse effect on the profitability of the operations.
2308

2309 (Source: Amended at 50 Ill. Reg. _____, effective
2310 _____)
2311

Section 201.403 Exempt Sources

2312
2313 The following emission sources are exempt from the requirements of this Subpart:
2314
2315

- 2316 a) Any source subject to monitoring requirements which are part of a new source
2317 performance standard adopted by USEPA under Section 111 of the CAA and
2318 made applicable in Illinois under Section 9.1 of the Act; or
2319
- 2320 b) Any source not subject to either the generally applicable emission limitation
2321 established under the Act or Board regulation or an alternative, adjusted, or
2322 site-specific standard approved by the Board.
2323

2324 (Source: Amended at 50 Ill. Reg. _____, effective
2325 _____)
2326

Section 201.404 Monitoring System Malfunction

2327

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2328
2329 The monitoring and recording requirements of this Subpart do not apply during any period of a
2330 monitoring system or device malfunction if the owner or operator of the source demonstrates that
2331 the malfunction was unavoidable and is being repaired as expeditiously as practicable. This
2332 demonstration may include evidence that the device has been properly calibrated and maintained,
2333 adequate spare parts are on hand, and trained technicians are available to make repairs.
2334

2335 (Source: Amended at 50 Ill. Reg. , effective
2336)
2337

2338 **Section 201.405 Excess Emission Reporting**
2339

2340 Owners and operators of sources subject to the continuous monitoring requirements of this
2341 Subpart must report the following information:
2342

- 2343 a) For periods of emissions exceeding any emission limitation applicable to the
2344 source adopted by the Board:
2345
- 2346 1) The starting date and time of the excess emissions;
2347
 - 2348 2) The duration of the excess emissions;
2349
 - 2350 3) The magnitude of excess emissions;
2351
 - 2352 4) The cause of the excess emissions, if known;
2353
 - 2354 5) Corrective actions and actions taken to lessen the emissions;
2355
 - 2356 6) The operating status of the monitoring system, including the dates and
2357 times of any periods during which it was inoperative; and
2358
 - 2359 7) Other information, including monitoring location, monitoring maintenance
2360 records, and source operating hours, which the Agency may require by
2361 permit.
2362
- 2363 b) For gaseous SO₂, percent oxygen, or CO₂ measurements, the averaging period
2364 used for data reporting must correspond to the averaging period used to determine
2365 compliance with the emission limitation applicable to the source. The report must
2366 consist of emission averages in the units of the applicable limitation for each
2367 averaging period during which the limitation was exceeded.
2368

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- 2369 c) For opacity measurements, the report must be based on six-minute averages of
- 2370 opacity and contain:
- 2371
- 2372 1) The percent opacity for each continuous opacity excess period; and
- 2373
- 2374 2) The start and stop time in six-minute increments of any opacity
- 2375 measurements exceeding the limitation.
- 2376
- 2377 d) If there were no excess emissions during the reporting period, the report must
- 2378 state this and include information about the operating status of the monitoring
- 2379 equipment during that period.
- 2380
- 2381 e) Reports must be submitted within 45 days after the end of every calendar quarter.
- 2382
- 2383 (Source: Amended at 50 Ill. Reg. , effective
- 2384)
- 2385

Section 201.406 Data Reduction

To convert monitoring data to the units of the emission limitation, owners and operators of sources subject to this Subpart must use:

- 2391 a) Regulations adopted by the USEPA under Section 111 of the CAA and made
- 2392 applicable in Illinois under Section 9.1 of the Act;
- 2393
- 2394 b) Where necessary, the procedures in 40 CFR 51, Appendix P, paragraph 5 (2024),
- 2395 incorporated by reference in Section 201.104(f); or
- 2396
- 2397 c) Alternative measurement and data reduction methods, if the owner or operator of
- 2398 the affected source demonstrates by means including instrument accuracy tests
- 2399 that the alternative methods will provide information equivalent to the
- 2400 information which would be provided by the methods in subsections (a) and (b).
- 2401

(Source: Amended at 50 Ill. Reg. , effective)

Section 201.407 Retention of Information

Owners and operators of sources which are subject to the monitoring and recording requirements of this Subpart must maintain files of emission information at the facility and make the information available to the Agency upon request. This information must be retained for at least

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2410 two years after the date of collection and must include:

2411

2412 a) Emission measurements;

2413

2414 b) Continuous monitoring system performance testing measurements;

2415

2416 c) Performance evaluations;

2417

2418 d) Calibration checks;

2419

2420 e) Maintenance and adjustments performed;

2421

2422 f) Quarterly reports submitted under Section 201.405; and

2423

2424 g) Data reduction information used under Section 201.406.

2425

2426 (Source: Amended at 50 Ill. Reg. , effective

2427)

2428

2429 **Section 201.408 Compliance Schedules**

2430

2431 Owners and operators of sources subject to Section 201.401 must install all necessary equipment
2432 and monitor in compliance with the compliance schedule in the permit issued by the Agency.

2433 This schedule must provide that monitoring and recording begin within 18 months after USEPA
2434 approves this Subpart under Section 110(a)(3)(A) of the CAA as a revision to the State

2435 Implementation Plan, unless the owner or operator has been granted a variance under Section
2436 35(a) of the Act allowing a longer compliance schedule.

2437

2438 (Source: Amended at 50 Ill. Reg. , effective

2439)

2440

2441 **SUBPART M: PERMIT BY RULE (PBR) ~~-~~**

2442 **GENERAL PROVISIONS**

2443

2444 **Section 201.500 Purpose**

2445

2446 The purpose of this Subpart is to implement the PBR program under Section 39.12 of the Act for
2447 classes of emission units described in this and following Subparts that address specific types of

2448 units covered by the PBR program. By fulfilling all the applicable requirements of this Subpart
2449 and the applicable Subpart for the specific type of emission unit, an owner or operator of a

2450 source seeking a PBR for an emission unit is considered to have met the requirement to submit

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2451 an application for a construction permit and obtain that construction permit under Section 9(b) of
2452 the Act and 35 Ill. Adm. Code 201.142, 201.152, and 201.160(a).

2453

2454 (Source: Amended at 50 Ill. Reg. _____, effective
2455 _____)

2456

2457 **Section 201.505 Applicability**

2458

2459 a) An owner or operator of a source is eligible to obtain a PBR for a proposed new
2460 or modified emission unit if:

2461

2462 1) The proposed emission unit will be located at a CAAPP source that has a
2463 CAAPP permit under Section 39.5 of the Act;

2464

2465 2) There is a PBR that has been adopted and become effective within this
2466 Part that is applicable to the proposed emission unit;

2467

2468 3) The proposed emission unit, either alone or as part of a larger project, is
2469 not subject to any pre-construction permitting requirements for a major
2470 new source or major modification under 40 CFR 52.21 or Section 9.1(c) of
2471 the Act, including 35 Ill. Adm. Code 203 and any other regulations
2472 adopted under Section 9.1(c) of the Act; and

2473

2474 4) The proposed emission unit is not an element in a larger project that
2475 otherwise requires a construction permit under this Part or the Act.

2476

2477 b) A PBR does not:

2478

2479 1) Exempt any owner or operator from the requirements of the CAA or the
2480 Act, including determining whether construction or modification of an
2481 emission unit, by itself or as part of a project, constitutes a major
2482 modification or major source;

2483

2484 2) Exempt any owner or operator from any requirement to notify the Agency
2485 or list insignificant activities and emissions levels for CAAPP permit
2486 purposes;

2487

2488 3) Relieve the owner or operator of a source from the requirement of
2489 including the emissions associated with the emission unit in any
2490 pre-construction permitting application for a major new source or major
2491 modification under 40 CFR 52.21 or Section 9.1(c) of the Act, including

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2492 35 Ill. Adm. Code 203 and any other regulations adopted under Section
2493 9.1(c) of the Act;

2494
2495 4) Relieve the owner or operator of the emission unit from any applicable
2496 requirements of Section 39.5 of the Act for the emission unit, including
2497 any requirement to submit a timely application for a new or modified
2498 CAAPP permit that addresses the emission unit; or
2499

2500 5) Relieve the owner or operator of the source from compliance with other
2501 applicable statutes and regulations of the United States or the State of
2502 Illinois or with applicable local laws, ordinances, and regulations.
2503

2504 (Source: Amended at 50 Ill. Reg. _____, effective
2505 _____)

Section 201.510 Notice of Intent to Be Covered by a PBR (Notification)

2507
2508
2509 a) An owner or operator of a source seeking to construct or modify an emission unit
2510 under this Subpart and the applicable PBR Subpart must submit a complete
2511 Notification, including fees, before commencing construction or modification of
2512 the emission unit. A complete Notification containing the following information
2513 and fees must be submitted to the Agency's Permit Section at the address in
2514 Section 201.530(f)(1):
2515

2516 1) The owner's or operator's name, the name of the source, and the applicable
2517 Agency Bureau of Air Identification Number;

2518
2519 2) The name, site address, mailing address (if different from site address),
2520 e-mail address, and telephone number of the source's contact;

2521
2522 3) A statement whether the emission unit is a new emission unit or a
2523 modified emission unit (including a reconstructed emission unit);
2524

2525 4) The location of the emission unit at the source;

2526
2527 5) The identity of the new emission unit or the identity of the current
2528 emission unit before modification, applicable permit numbers, and the
2529 description of the modification or reconstruction of the emission unit;

2530
2531 6) A statement that indicates which PBR applies to the emission unit;
2532

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Section 201.515 Commencing Construction or Modification

- a) For the emission unit addressed by a complete Notification, the owner or operator of the source may commence construction or modification after submittal of a complete Notification in compliance with Section 201.510.
- b) If the submitted Notification is incomplete, the emission unit is not covered by a PBR, and the owner or operator has not met the requirement to submit an application for a construction permit and to obtain the construction permit under Section 9(b) of the Act and 35 Ill. Adm. Code 201.142, 201.152, and 201.160(a). The owner or operator of the source may not commence construction or modification of the emission unit until it has submitted a complete Notification to the Agency in compliance with Section 201.510 or received a construction permit issued by the Agency.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.520 Modification or Change in Status of an Emission Unit Covered by a PBR

- a) If the owner or operator proposes to modify an emission unit covered by a PBR, the owner or operator of the source must submit a new Notification for a PBR or obtain a construction permit for the modification under this Part and the Act, as applicable.
- b) If a proposed modification of the source at which an emission unit covered by a PBR is located will cause the source to become a major source of HAPs as defined in Section 39.5(2)(c)(i) of the Act, the owner or operator must submit a new Notification for a PBR for the emission unit.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.525 Standard Conditions for PBR

- a) A PBR expires one year after the date of submittal of the complete Notification, unless a continuous program of construction on this project has commenced by that time.

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- 2614 b) The construction covered by a PBR must be performed in compliance with
2615 applicable provisions of the PBR, the Act, and regulations adopted by the Board.
2616
- 2617 c) The owner or operator of the emission unit must comply with all applicable
2618 requirements of this Subpart and the applicable PBR Subpart.
2619
- 2620 d) The owner or operator of the emission unit must submit an updated Fee
2621 Determination for CAAPP Permit form before commencing operation of the
2622 proposed emission unit if there is an increase in allowable emissions over the
2623 existing permitted allowable emissions for fee purposes because of the
2624 construction or modification of the emission unit.
2625

2626 (Source: Amended at 50 Ill. Reg. , effective
2627)
2628

2629 **Section 201.530 Recordkeeping and Reporting**
2630

2631 The owner or operator of the emission unit must:
2632

- 2633 a) Keep and maintain all records used to demonstrate initial compliance and ongoing
2634 compliance with the applicable requirements of this Subpart and the applicable
2635 PBR Subpart and any additional records required by and reported under those
2636 Subparts for at least five years after the date the document is created and make all
2637 records available to the Agency for inspection and copying upon request. These
2638 records include any records required by State or federal laws or regulations and
2639 any materials submitted to the Agency or USEPA pertaining to the emission unit.
2640 Any record retained in an electronic format must be capable of being retrieved
2641 and printed on paper during normal source office hours.
2642
- 2643 b) Notify the Agency of the emission unit's actual start-up date within 30 days after
2644 that date, unless an earlier date is specified in the applicable PBR.
2645
- 2646 c) Except as otherwise provided in this Subpart or the applicable PBR Subpart,
2647 submit a written report of any deviations from the applicable emission standards,
2648 emission limitations, operational restrictions, qualifying criteria, work practice
2649 requirements, or control equipment operating parameter limitations in this
2650 Subpart and the applicable PBR Subpart. The report must be submitted to the
2651 Agency within 30 days after the date the deviation occurred and must describe the
2652 deviation (including the date, time, and duration of the deviation), identify the
2653 specific requirement from which the deviation occurred and the total amount of
2654 excess emissions during the deviation, and describe the probable cause of the

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2655 deviation and any corrective actions or preventive measures that have been or will
2656 be taken.

2657

2658 d) If required to conduct a performance test:

2659

2660 1) Submit to the Agency a testing protocol as required by the applicable PBR
2661 Subpart at least 45 days before the scheduled performance test. Upon
2662 written request directed to the Bureau of Air's Compliance Section, the
2663 Agency may waive the 45-day requirement. A waiver is effective only if
2664 the Bureau of Air provides it in writing;

2665

2666 2) Notify the Agency in writing of the date of performance testing at least 30
2667 days before testing and again 5 days before the testing, unless the emission
2668 unit is subject to other State or federal requirements that specify a longer
2669 notification period. Upon written request directed to the Bureau of Air's
2670 Compliance Section, the Agency may waive either or both of these
2671 requirements. A waiver is effective only if the Bureau of Air provides it in
2672 writing;

2673

2674 3) If, after the 30-day notice for an initially scheduled performance test is
2675 sent, there is a delay (e.g., due to operational problems) in conducting the
2676 test as scheduled, notify the Agency of the delay in the original test date,
2677 directed to the Bureau of Air's Compliance Section, as soon as practicable.
2678 This must be done either by providing at least a 7-day notice of the
2679 rescheduled date of the test or by arranging a new test date with the
2680 Agency by mutual agreement;

2681

2682 4) Within 60 days after completing the performance test, submit the results of
2683 the test to the Agency.

2684

2685 e) Submit any monitoring information required by the PBR as part of the
2686 Semi-Annual Monitoring Report required by the source's CAAPP permit.

2687

2688 f) Provide copies of all required reports and Notifications as follows:

2689

2690 1) One copy of the new or amended Notification must be sent to:

2691

2692 Illinois Environmental Protection Agency

2693 Bureau of Air

2694 Permit Section (#11)

2695 2520 West Iles Avenue

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2696 P.O. Box 19276
2697 Springfield, Illinois 62794-9276
2698

2699 2) One copy of all other reports and notices must be sent to:
2700

2701 Illinois Environmental Protection Agency
2702 Bureau of Air
2703 Compliance Section (#40)
2704 2520 West Iles Avenue
2705 P.O. Box 19276
2706 Springfield, Illinois 62794-9276
2707

2708 (Source: Amended at 50 Ill. Reg. _____, effective
2709 _____)

2711 **Section 201.535 Authority to Operate**
2712

2713 For eligible emission units under Section 201.505, the owner or operator of a proposed emission
2714 unit must submit a complete application to the Agency for a minor modification to the CAAPP
2715 permit for the source to address the emission unit, under Section 39.5(14) of the Act, before the
2716 emission unit begins operation. The application for minor permit modification must address all
2717 applicable requirements in this Subpart, the applicable PBR Subpart, and Section 39.5(14) of the
2718 Act. Under Section 39.5(14)(a)(vi) of the Act, the owner or operator may begin operating the
2719 emission unit immediately after it files the application. Until the Agency takes any of the actions
2720 in Section 39.5(14)(a)(v)(A) through (C) of the Act, the owner or operator must comply with
2721 both the applicable requirements governing the emission unit and the proposed terms and
2722 conditions of the suggested draft of the modified CAAPP permit in the application, under
2723 Section 39.5(14)(a)(iii)(B) of the Act.
2724

2725 (Source: Amended at 50 Ill. Reg. _____, effective
2726 _____)

2728 **Section 201.540 Enforcement Authority**
2729

2730 Nothing in this Subpart limits the State's authority to seek penalties and injunctive relief for any
2731 violation of any applicable State law or regulation. Nothing in this Subpart limits the right of the
2732 federal government or any person to directly enforce against owners or operators due to actions
2733 or omissions that constitute violations of permits required by the CAA or applicable laws and
2734 regulations.
2735

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- 2736 a) Any owner or operator of a source that commences construction or modification
- 2737 of an emission unit and submits a Notification under Section 201.510 that is
- 2738 incomplete, or fails to submit any Notification, is deemed to have constructed
- 2739 without the benefit of a permit under Section 9(b) of the Act and 35 Ill. Adm.
- 2740 Code 201.142, 201.152, and 201.160(a), unless the Agency has issued a
- 2741 construction permit other than a PBR for the emission unit under Section 9(b) of
- 2742 the Act. A violation exists even if it is determined that the Notification was
- 2743 incomplete after construction or modification has already occurred.
- 2744
- 2745 b) Any owner or operator of a source that submits a Notification and commences
- 2746 operation of an emission unit covered by a PBR, but fails to submit a complete
- 2747 application for a minor modification to the CAAPP permit in compliance with
- 2748 Section 39.5(14) of the Act, is deemed to have operated without the benefit of a
- 2749 permit under Section 39.5(6)(b) of the Act. A violation exists even if it is
- 2750 determined that the application for a minor permit modification was incomplete
- 2751 after operation has already occurred.
- 2752
- 2753 c) Any owner or operator of an emission unit covered by a PBR that violates any
- 2754 condition of this Subpart or the applicable PBR Subpart is deemed to have
- 2755 violated Sections 39.12(e) and 9(b) of the Act and any other applicable State or
- 2756 federal regulation or portion of the Act. If a violation occurs after the emission
- 2757 unit has commenced operation, the owner or operator is also deemed to have
- 2758 violated Section 39.5(6)(a) of the Act.
- 2759

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

SUBPART N: PERMIT BY RULE (PBR) —~~BOILERS~~
BOILERS LESS THAN OR EQUAL TO 100 MMBTU/HR

Section 201.600 Applicability

An owner or operator of a source seeking a PBR for a new or modified boiler is eligible to obtain a PBR under this Subpart if:

- 2771 a) The boiler has a maximum design heat input capacity of:
- 2772
- 2773 1) Less than or equal to 50 MMbtu/hr; or
- 2774

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2775 2) Greater than 50 MMbtu/hr and less than or equal to 100 MMbtu/hr and is
2776 equipped with low-NO_x burners designed by the manufacturer to meet a
2777 NO_x emission limit of not greater than 0.05 lb/MMbtu;
2778

2779 b) The boiler primarily burns pipeline natural gas, butane, propane, or refinery fuel
2780 gas;
2781

2782 c) The only backup or reserve fuel burned in the boiler is diesel fuel, butane, or
2783 propane. If diesel fuel is the backup fuel, burning diesel fuel in the boiler must be
2784 such that, as appropriate, the boiler is a "unit designed to burn gas 1 subcategory,"
2785 as defined by 40 CFR 63.7575, incorporated by reference in Section 201.104(e),
2786 or a "gas-fired boiler," as defined by 40 CFR 63.11237, incorporated by reference
2787 in Section 201.104(e); and
2788

2789 d) The emissions from the boiler consist entirely of the products of fuel combustion.
2790

(Source: Amended at 50 Ill. Reg. _____, effective

_____)

Section 201.605 Boiler Notice of Intent to Be Covered by a PBR (Notification)

The Notification for a PBR under this Subpart must also include the following information, in addition to the information in Section 201.510:

2799 a) The primary fuel that will be burned by the boiler, along with the maximum rated
2800 heat input capacity of the boiler (MMbtu/hr) and a copy of the manufacturer's
2801 specifications for the boiler.
2802

2803 b) Whether the boiler would be a temporary boiler as defined by 40 CFR 60.41c and
2804 63.7575 or 63.11237, incorporated by reference in Section 201.104, and, if it
2805 would be, a demonstration that the criteria in the definition of a temporary boiler
2806 are met, and the expected period or periods in which the boiler would be at a
2807 location or locations at the source.
2808

2809 c) The potential emissions of individual pollutants from the boiler in lb/hr,
2810 tons/month, and tons/year, including emissions of PM, PM₁₀ (including both
2811 filterable and condensable particulate), PM_{2.5} (including both filterable and
2812 condensable particulate), NO_x, CO, VOM, and SO₂, based on continuous
2813 operation of the boiler at its rated heat input capacity combusting its primary fuel,
2814 with supporting documentation and calculations.
2815

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2816 d) Whether the boiler will have the capability to burn diesel fuel, butane, propane, or
2817 refinery fuel gas, and, if so, the potential SO₂ emissions of the boiler from the use
2818 of such fuel.
2819

2820 e) If the boiler or the source at which the boiler would be located does not meet the
2821 applicability criteria in 35 Ill. Adm. Code 217.150(a)(1)(A) or (a)(1)(B), an
2822 identification of the criteria that are not met, with explanation.
2823

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 201.610 Federal NSPS and NESHAP Requirements

2828
2829 The owner or operator must comply with all applicable federal regulations for the PBR boiler,
2830 including the following limits, work practice standards, testing, monitoring, recordkeeping, and
2831 reporting requirements:
2832

2833 a) 40 CFR 60, subpart A, Standards of Performance for New Stationary Sources:
2834 General Provisions, incorporated by reference in Section 201.104.
2835

2836 b) 40 CFR 60, subpart Dc, Standards of Performance for Small
2837 Industrial-Commercial-Institutional Steam Generating Units, incorporated by
2838 reference in Section 201.104.
2839

2840 c) 40 CFR 63, subpart A, National Emission Standards for Hazardous Air Pollutants
2841 for Source Categories: General Provisions, incorporated by reference in Section
2842 201.104.
2843

2844 d) 40 CFR 63, subpart DDDDD, National Emission Standards for Hazardous Air
2845 Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers
2846 and Process Heaters, incorporated by reference in Section 201.104.
2847

2848 e) 40 CFR 63, subpart JJJJJ, National Emission Standards for Hazardous Air
2849 Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources,
2850 incorporated by reference in Section 201.104.
2851

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 201.620 Requirements for Use of Diesel Fuel and Refinery Fuel Gas

2855
2856

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2857 a) For a PBR boiler to burn diesel fuel as a backup fuel, the owner or operator must:

2858
2859 1) Comply with the applicable provisions of 35 Ill. Adm. Code 214.Subpart
2860 B or D when burning diesel fuel;

2861
2862 2) Comply with the particulate emission standard in 35 Ill. Adm. Code
2863 212.206 when diesel fuel is burned;

2864
2865 3) Maintain records that include the following information:

2866
2867 A) Date, time, and duration of any period when diesel fuel was fired
2868 in the boiler; the amount of diesel fuel that was fired; and the
2869 reason diesel fuel was fired, e.g., gas curtailment, gas supply
2870 interruption, or periodic operational testing;

2871
2872 B) The total duration of periodic operational testing or other activity
2873 while firing diesel fuel (number of hours of operation per calendar
2874 year); and

2875
2876 C) The actual SO₂ emissions of the boiler from use of diesel fuel
2877 (tons/month and tons/year), with supporting calculations.
2878

2879 b) For a PBR boiler to burn refinery fuel gas, the owner or operator must use fuel gas
2880 at a petroleum refinery from a fuel gas system that is subject to and meeting the
2881 requirements for compliance with the limits for H₂S content of fuel gas in 40 CFR
2882 60.102a(g)(1)(ii), incorporated by reference in Section 201.104.
2883

2884 (Source: Amended at 50 Ill. Reg. _____, effective
2885 _____)
2886

2887 **Section 201.625 Carbon Monoxide (CO) Requirements**
2888

2889 Under 35 Ill. Adm. Code 216.121, an owner or operator of a PBR boiler must not cause or allow
2890 the emission of CO into the atmosphere from any fuel combustion emission source with actual
2891 heat input greater than 2.9 MW (10 MMBtu/hr) to exceed 200 ppm, corrected to 50% excess air.
2892

2893 (Source: Amended at 50 Ill. Reg. _____, effective
2894 _____)
2895

2896 **Section 201.630 Nitrogen Oxide (NO_x) Requirements**
2897

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2898 The owner or operator of the PBR boiler must comply with the following, as applicable:
2899

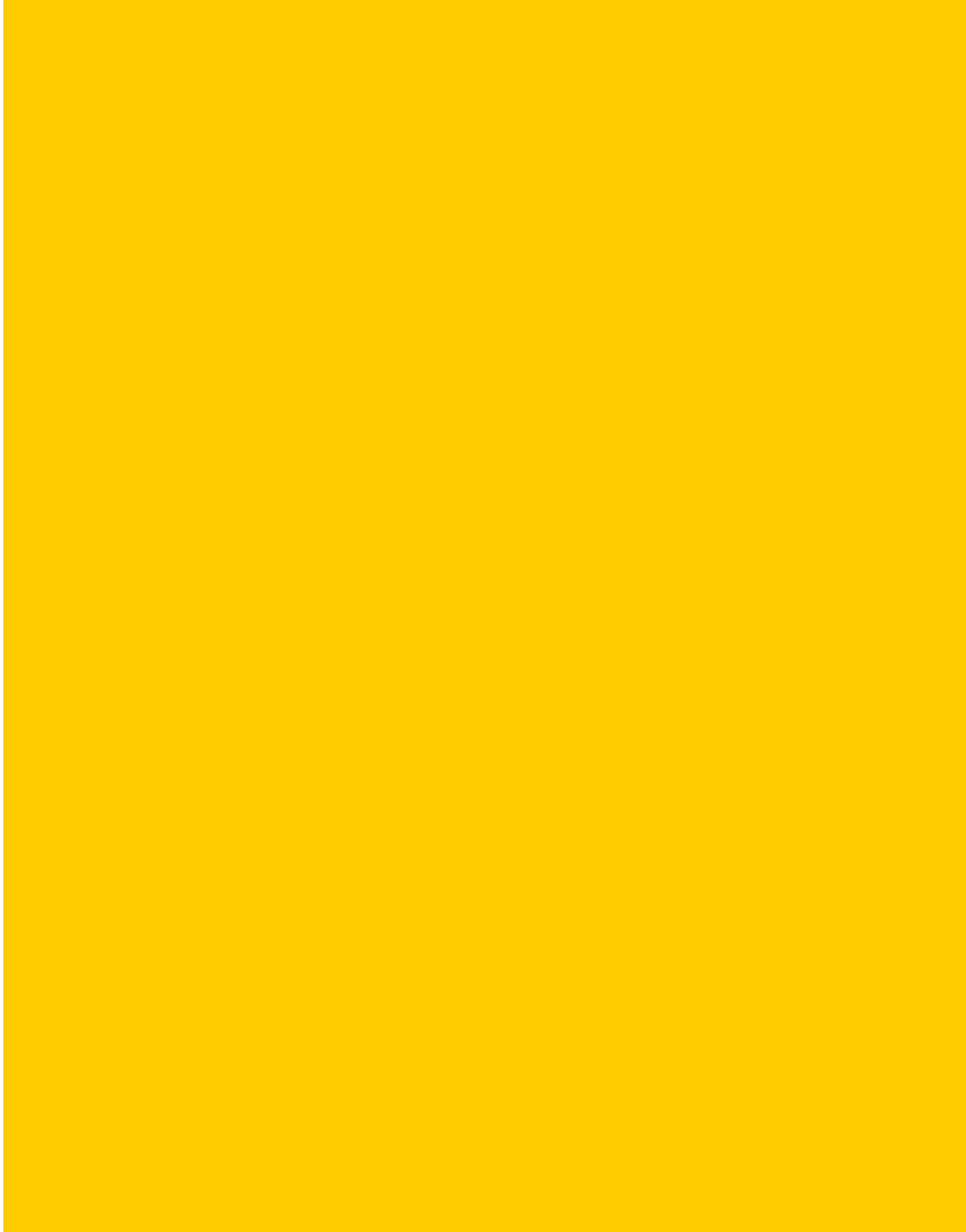
- 2900 a) If the PBR boiler is subject to 35 Ill. Adm. Code 217.Subpart D, comply with all
2901 the applicable requirements of 35 Ill. Adm. Code 217.Subparts D and E;
2902
- 2903 b) If the PBR boiler is subject to 40 CFR 63.subpart DDDDD, comply with all
2904 applicable requirements, including the combustion tuning work practice
2905 requirements of 40 CFR ~~63.7440~~63.7540(a)(10), incorporated by reference in
2906 Section 201.104; and
2907
- 2908 c) For a boiler with a maximum design heat input capacity greater than 50
2909 MMbtu/hr and not subject to either 35 Ill. Adm. Code 217.Subpart D or 40 CFR
2910 63, subpart DDDDD, conduct combustion tuning for the boiler. This tuning must
2911 be conducted in each calendar year in which the boiler is operated, except for the
2912 calendar year in which the boiler first starts up and the calendar year in which the
2913 boiler is permanently removed from service. The combustion tuning must be
2914 conducted under 40 CFR 63.7540(a)(10)(i) through (vi), incorporated by
2915 reference in Section 201.104, and must be conducted while burning the type of
2916 fuel that provided the majority of the heat input to the boiler over the 12 months
2917 before the tune-up.
2918

2919 (Source: Amended at 50 Ill. Reg. ~~_____~~_____, effective
2920 ~~_____~~_____)
2921

2922 Section 201.APPENDIX A Rule ~~into~~Into Section Table (Repealed)
2923



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(Source: Repealed at 50 Ill. Reg. , effective
)

Section 201.APPENDIX B Section ~~into~~Into Rule Table (Repealed)



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2930

2931

(Source: Repealed at 50 Ill. Reg. , effective

2932

)

2933

2934

Section 201.APPENDIX C Part Compliance Dates (Repealed)



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2935
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(Source: Repealed at 50 Ill. Reg. , effective
)

Summary report: Litera Compare for Word 11.8.0.56 Document comparison done on 3/27/2026 8:30:34 AM	
Style name: Quotes	
Intelligent Table Comparison: Active	
Original filename: 35-201RG-P Agency 3.19.26.docx	
Modified filename: 35-201RG-P JCAR 3.19.26.docx	
Changes:	
<u>Add</u>	240
Delete	289
Move From	0
<u>Move To</u>	0
<u>Table Insert</u>	2
Table Delete	3
<u>Table moves to</u>	0
Table moves from	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	0
Embedded Excel	0
Format changes	0
Total Changes:	534

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1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER a: PERMITS AND GENERAL PROVISIONS
5

6 PART 202
7 ALTERNATIVE CONTROL STRATEGIES
8

9 SUBPART A: GENERAL PROVISIONS
10

11 Section
12 202.101 Definitions
13 202.104 Actual Emissions
14 202.107 Allowable Emissions
15 202.110 Alternative Control Strategy (ACS)
16 202.113 Chapter
17 202.116 Emission Baseline
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23

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25

26 Section
27 202.201 Emission Baseline for Alternative Control Strategies
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34

35 Section
36 202.301 Permit Conditions
37 202.302 Records and Reports
38 202.303 Monitoring and Testing
39 202.304 Compliance Dates
40 202.305 Public Participation
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42 202.307 Notification to USEPA

43

44 SUBPART D: PERMIT DURATION, REVISION AND RENEWAL

45

46 Section

47 202.401 Duration

48 202.402 Revision

49 202.403 Renewal

50

51 SUBPART E: ALTERNATIVE CONTROL STRATEGIES

52 INVOLVING MORE THAN ONE PERSON

53

54 Section

55 202.501 Applicability

56 202.502 Permit Application

57 202.503 Duration

58 202.504 Permit Conditions

59 202.505 Records and Reports

60 202.506 Revocation

61 202.507 Termination

62

63 202.APPENDIX A Pre-Codification into Codified (Repealed)

64 202.APPENDIX B Codified into Pre-Codification (Repealed)

65

66 AUTHORITY: Implementing Section 9.3 and authorized by Sections 5 and 27 of the
67 Environmental Protection Act [415 ILCS 5/5, 9.3, 27].

68

69 SOURCE: 35 Ill. Adm. Code 212 adopted in R81-20 (Interim) at 6 Ill. Reg. 6703, effective May
70 20, 1982; renumbered to 35 Ill. Adm. Code 202 and amended in R81-20(A) at 7 Ill. Reg. 8091,
71 effective June 27, 1983; codified at 7 Ill. Reg. 13584; corrected at 7 Ill. Reg. 14561; amended in
72 R81-20(B) at 8 Ill. Reg. 4171, effective March 16, 1984; amended in R23-18 at 47 Ill. Reg.
73 12101, effective July 25, 2023; amended in R22-17 at 49 Ill. Reg. 6232, effective April 23, 2025;
74 amended in R18-21 at 50 Ill. Reg. _____, effective _____.

75

76 SUBPART A: GENERAL PROVISIONS

77

78 **Section 202.101 Definitions**

79

80 Unless a different meaning of a term is clear from its context, the definitions of terms used in
81 this Part are those used in 35 Ill. Adm. Code Subtitle B, Chapter I.

82

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(Source: Amended at 50 Ill. Reg. , effective)

Section 202.104 Actual Emissions

"Actual emissions" means the actual rate of annual emissions of a pollutant from an operational emission source for a particular date equal to the mean rate at which the emission source actually emitted the pollutant during the two years which immediately precede the particular date and which is determined by the Illinois Environmental Protection Agency (Agency) to represent normal emission source operation; however:

- a) The Agency must allow the use of a different time period upon determining that it is more representative of normal emission source operation. The burden is on the applicant to demonstrate that another time period is more representative. Actual emissions must be calculated using the emission source's actual operating hours, production rates, and types of materials processed, stored, or combusted during the selected time period.
- b) If the Agency determines that there is inadequate information to determine actual emissions under this Section, the Agency must use the potential to emit of the emission source.

(Source: Amended at 50 Ill. Reg. , effective)

Section 202.107 Allowable Emissions

- a) "Allowable emissions" means the emission rate of an emission source calculated using the maximum rated capacity of the emission source (unless the emission source is subject to permit conditions or other enforceable limits that restrict the operating rate, or hours of operation, or both) and the more stringent of the following:
 - 1) The applicable emission standard or limitation in this Chapter, including those with a future compliance date; or
 - 2) The emission rate specified as a permit condition, including those with a future compliance date.
- b) The allowable emissions may be expressed as a permit condition limiting annual emissions or material or fuel throughput.
- c) If an emission source is not subject to an emission standard under subsection (a)

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124 and is not conditioned under subsection (b), the allowable emissions will be the
125 source's potential to emit.
126

127 (Source: Amended at 50 Ill. Reg. , effective)
128

129 **Section 202.110 Alternative Control Strategies (ACS)**
130

131 "Alternative control strategy (ACS)" means a specific program of emissions limitations and
132 requirements which is environmentally equivalent to what would otherwise be required by
133 applicable statutes or regulations, and under which the owner or operator of an emission source
134 increases emissions of a regulated pollutant beyond the emission baseline at one or more
135 emission sources and correspondingly reduces emissions of the same pollutant below the
136 emission baseline at other emission sources.
137

138 (Source: Amended at 50 Ill. Reg. , effective)
139

140 **Section 202.113 Chapter**
141

142 References to "this Chapter" or "Chapter 2" in this Part mean Pollution Control Board air
143 pollution rules and regulations under 35 Ill. Adm. Code: ~~Subtitle B~~, Chapter I.
144

145 (Source: Amended at 50 Ill. Reg. , effective)
146

147 **Section 202.116 Emission Baseline**
148

149 "Emission baseline" means the starting point or reference level from which increases and
150 decreases in emissions are measured. The rules governing determination of emission offsets,
151 calculation of net emission increases, and evaluation of ACS strategies specify the emission
152 baseline that applies for those purposes.
153

154 (Source: Amended at 50 Ill. Reg. , effective)
155

156 **Section 202.122 Potential to Emit**
157

158 "Potential to emit" means the maximum capacity of an emission source to emit a pollutant under
159 its physical and operational design. Any physical or operational limitation on the capacity of the
160 emission source to emit a pollutant, including air pollution control equipment and restrictions on
161 hours of operation or on the type or amount of material combusted, stored, or processed, will be
162 treated as part of its design only if the limitation or the effect it would have on emissions is
163 enforceable. Secondary emissions do not count in determining the potential to emit of a
164 stationary source.

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166 (Source: Amended at 50 Ill. Reg. , effective)
167

168 **Section 202.125 Abbreviations**
169

170 This Part uses the following abbreviations:
171

- 172 "µg" micrograms
- 173
- 174 "m³" cubic meter
- 175
- 176 "SO₂" sulfur dioxide
- 177
- 178 "TSP" total solid particulate matter
- 179
- 180 "NO_x" nitrogen oxides
- 181
- 182 "CO" carbon monoxide
- 183

184 (Source: Amended at 50 Ill. Reg. , effective)
185

186 **Section 202.140 Scope**
187

188 Under a permit issued by the Agency under this Part, a person may use an ACS for emission
189 sources, including fugitive emission sources, instead of complying with conflicting requirements
190 otherwise applicable under this Chapter.
191

192 (Source: Amended at 50 Ill. Reg. , effective)
193

194 **Section 202.142 Severability**
195

196 Despite 35 Ill. Adm. Code 201.125, if any provision of Part 202 is stayed or declared invalid by a
197 final order of any court of competent jurisdiction no longer subject to appeal, then the entire Part
198 202 must be deemed stayed or invalidated until the stay is lifted or the Pollution Control Board
199 revalidates the Part.
200

201 (Source: Amended at 50 Ill. Reg. , effective)
202

203 **SUBPART B: PERMIT APPLICATION**
204

205 **Section 202.201 Emission Baseline for Alternative Control Strategies**

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- a) The baseline for reviewing decreases or increases of emissions from emission sources which are the subject of an ACS is the lesser of the actual emissions or the allowable emissions prescribed by this Chapter.
- b) Despite subsection (a), an increment of emission reduction is creditable under an ACS to the extent that it:
 - 1) Was achieved as a result of installing pollution control equipment; changes in process, procedures, or materials; or the shutdown of an emission source which would not have occurred except to create an emission reduction;
 - 2) Reduced emissions beyond the requirements of Board regulations; and
 - 3) Was not relied upon in the State Implementation Plan (SIP) demonstration to demonstrate compliance with ambient air quality standards in the compliance year in nonattainment areas or maintenance of air quality in other areas.
- c) Under subsection (b), the burden is generally on the permit applicant. However, under subsection (b)(3), it is the ~~Agency's~~Agency's responsibility to demonstrate that the SIP demonstration either did or did not rely upon the emission reduction in question, whether from the particular emission source or the category to which it belongs.
- d) Despite subsection (b)(3), if an emission source is located in an area for which the SIP does not demonstrate attainment of the air quality standards by the compliance year for the pollutant which is the subject of the ACS, it may use an emission reduction credit only to the extent that the reduction reduces its emissions below actual emissions.

(Source: Amended at 50 Ill. Reg. , effective)

Section 202.210 Permit Application Information

In addition to other information which may be required under 35 Ill. Adm. Code 201, a permit application under this Subpart must:

- a) List the emission sources to be included in the ACS, the emission baseline the applicant believes to be applicable to each emission source, and the remaining

~~POLLUTION CONTROL BOARD
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- 247 useful life of each emission source.
- 248
- 249 b) Describe the proposed modifications to the emission sources and quantify the
- 250 emission increases and decreases anticipated to occur because of each
- 251 modification.
- 252
- 253 c) Identify the Board regulations and the terms of the Environmental Protection Act
- 254 (Act) (415 ILCS 5) to which the applicant believes the ACS provides an
- 255 alternative.
- 256
- 257 d) Describe the methods currently used to assure compliance and the methods
- 258 proposed to be used under the ACS. These methods may include recordkeeping,
- 259 equipment or emissions monitoring, source testing, and material or process
- 260 specifications.
- 261
- 262 e) Provide an analysis of the ACS under this Subpart.
- 263
- 264 f) Contain a certification, signed by all ACS applicants, stating that a copy of the
- 265 ACS application has been sent by certified mail to the United States
- 266 Environmental Protection Agency (USEPA) if any of the emission sources
- 267 included in the ACS are presently the subject of a federal notice of violation or
- 268 federal enforcement action under the provisions of the CAA (42 U.S.C. 7401 et
- 269 seq.), including civil actions filed under Section 113(b), criminal actions filed
- 270 under Section 113(c), a notice imposing noncompliance penalties under Section
- 271 120, administrative orders under Section 113(a), or a citizen suit under Section
- 272 304 in which the USEPA has intervened (42 U.S.C. 7413 and 7420).
- 273
- 274 g) Provide other information as the Agency demonstrates is necessary to determine
- 275 compliance with the standards of issuance in Section 202.306, including the
- 276 results of any source tests or ambient air monitoring.
- 277

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 202.211 Analysis of Emissions

- 280
- 281
- 282 a) A permit application under this Subpart must provide a comparison of the
- 283 baseline emissions and the emissions that would be permitted under the proposed
- 284 ACS for each emission source involved in the ACS. Where appropriate, this
- 285 analysis must address differences between the emission sources to be covered by
- 286 the ACS regarding:
- 287

~~POLLUTION CONTROL BOARD
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- 288 1) Methods of determining emissions;
- 289
- 290 2) Consistency and reliability of the performance of the emission sources and
- 291 any associated control devices;
- 292
- 293 3) Frequency and duration of operating during malfunction or breakdown
- 294 with excess emissions, or during start-up with excess emissions;
- 295
- 296 4) Methods of operation, including operating schedules and range of raw
- 297 materials or products; and
- 298
- 299 5) Other characteristics of the emission sources or their operation which may
- 300 affect equivalence of emissions.
- 301
- 302 b) The analysis must describe any increases in emissions from emission sources
- 303 outside the ACS which may accompany the proposed ACS.
- 304

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 202.212 Analysis of Environmental Quality

- 307
- 308
- 309 a) A permit application under this Subpart must provide a comparison of the
- 310 ambient air quality under existing requirements and the ambient air quality under
- 311 the proposed ACS. This analysis must include dispersion modeling based on the
- 312 best and most appropriate models for the pollutant and emission sources involved,
- 313 unless the Agency finds that:
- 314
- 315 1) Due to the characteristics of the pollutant and emission source, dispersion
- 316 modeling is inappropriate or unnecessary to determine effects on air
- 317 quality; or
- 318
- 319 2) The emission sources included in the ACS are located 250 meters or less
- 320 apart, the effective plume height of the emission increases and decreases
- 321 are not significantly different, and the differences in the characteristics of
- 322 the emission sources are not likely to affect ambient air quality; or
- 323
- 324 3) Differences in location, plume height, operating practice, and other
- 325 characteristics of the emission sources subject to the ACS are not likely to
- 326 significantly affect ambient air quality. An effect on ambient air quality is
- 327 significant if it equals or exceeds the levels in the following table:
- 328

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SIGNIFICANCE LEVELS

329

<u>SIGNIFICANCE LEVELS</u>					
<u>Pollutant</u>	<u>Annual</u>	<u>24-Hour</u>	<u>8-Hour</u>	<u>3-Hour</u>	<u>1-Hour</u>
SO ₂	1.0 µg/m ³	5 µg/m ³		25 µg/m ³	
TSP	1.0 µg/m ³	5 µg/m ³			
NO _x	1.0 µg/m ³				
CO			0.5 mg/m ³		2 mg/m ³

330

331

332

333

334

b) The applicant must analyze the air quality impacts resulting from trades between emission sources, including the impact of emissions which differ in their qualitative impact on health or the environment.

335

336

337

c) The analysis must describe any other impacts on the environment which may accompany the proposed ACS.

338

339

(Source: Amended at 50 Ill. Reg. _____, effective _____)

340

341

Section 202.213 Analysis of Methods of Assuring Compliance

342

343

344

345

346

A permit application under this Subpart must provide a comparison of the methods of assuring compliance under existing requirements and the methods of assuring compliance under the proposed ACS. As a minimum, the analysis must address the effectiveness, reliability, and accessibility of these methods.

347

348

(Source: Amended at 50 Ill. Reg. _____, effective _____)

349

350

SUBPART C: PERMIT CONDITIONS AND ISSUANCE

351

352

Section 202.301 Permit Conditions

353

354

a) The permit must specify:

355

356

1) All emission limits which apply to emission sources under the ACS; and

357

2) Any compliance procedures which the permittee must follow.

358

359

b) The permit may include conditions so that compliance with the terms of the ACS

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360 will continue if ownership of emission sources changes, and the terms will apply
361 to the new owner.
362

363 c) The Agency may impose other permit conditions necessary to accomplish the
364 purposes of the Act or this Part.
365

366 (Source: Amended at 50 Ill. Reg. , effective)
367

368 **Section 202.302 Records and Reports**
369

370 a) The Agency must require that a permittee operating under an ACS maintain
371 records necessary to determine compliance with the requirements of the ACS.
372

373 1) These records must include the actual and allowable emission rates, or the
374 parameters from which these rates are determined, or related operational
375 parameters of the equipment.
376

377 2) The records must be maintained as prescribed in the permit.
378

379 3) These records must be available to the Agency, and copies of these
380 records must be sent to the Agency upon written request. The Agency
381 must make these records available to the public under Sections 7 and 7.1
382 of the Act and regulations promulgated under them.
383

384 b) A permittee operating under an ACS must submit to the Agency reports
385 containing reasonable information and at a reasonable frequency as the Agency
386 may specify under a permit condition or general procedures established by the
387 Agency, to assure that the terms of the ACS are met.
388

389 c) A permittee operating under an ACS must notify the Agency within 72 hours by
390 telephone, email, or fax of circumstances which will make compliance with the
391 requirements of the ACS impossible.
392

393 1) This notice must be followed within ten days by written confirmation
394 which describes the circumstances preventing compliance with the
395 requirements of the ACS and supplies a preliminary Compliance Program
396 which will result in compliance with this Chapter.
397

398 2) The permittee must take all reasonable steps to come into compliance with
399 the ACS or this Chapter as expeditiously as possible.
400

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 202.303 Monitoring and Testing

The Agency may require that equipment testing and monitoring authorized in this Chapter accompany the construction or operation of emission sources under a permit containing an ACS.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 202.304 Compliance Dates

- a) An owner or operator subject to a permit utilizing an ACS is not relieved of the responsibility to achieve and maintain a reduction of emissions as expeditiously as practicable, but not later than the compliance date required under other applicable regulations.
- b) Despite subsection (a), an owner or operator may demonstrate compliance with 35 Ill. Adm. Code 215 under an Agency-approved alternative compliance plan in a permit using an ACS the owner or operator applied for before December 31, 1982. The Agency must approve the alternative compliance plan if, and only if, the applicant demonstrates that:
 - 1) The alternative compliance plan extends the compliance date for each emission source subject to the ACS no longer than necessary to enable that emission source to use the ACS, but in no case later than December 31, 1987;
 - 2) The emission source belongs to a category of emission sources having a compliance date of December 31, 1982, or later under 35 Ill. Adm. Code 215;
 - 3) Using an ACS will result in either greater or faster overall emission reductions than would otherwise be achieved; and
 - 4) The extension is consistent with the requirements of the CAA.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 202.305 Public Participation

The initial issuance of a permit containing an ACS must be subject to applicable Agency public

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442 participation procedures (35 Ill. Adm. Code 166) before the Agency issues the permit. At a
443 minimum, the Agency must provide an opportunity for public comment.
444

445 (Source: Amended at 50 Ill. Reg. _____, effective _____)
446

447 **Section 202.306 Standards for Issuance**
448

449 The Agency must issue a permit containing an ACS if, and only if, the permit applicant
450 demonstrates that:
451

- 452 a) The ACS provides, in the aggregate for each regulated pollutant, equivalent or
453 less total emissions than would otherwise be required;
454
- 455 b) The impact of the ACS is environmentally equivalent to what would otherwise be
456 achieved and maintained under existing requirements;
457
- 458 c) The methods for assuring compliance with the conditions and requirements of the
459 permit under the ACS are equivalent to those associated with otherwise
460 applicable requirements;
461
- 462 d) The ACS complies with any applicable requirements in 35 Ill. Adm. Code 203,
463 204, 230, or 231;
464
- 465 e) USEPA has not disapproved the proposed ACS or any compliance schedule it
466 contains because of a federal enforcement action pending against a participant in
467 the ACS; and
468
- 469 f) The ACS does not permit an increase in emissions of any pollutant listed or
470 regulated under Section 112 of the CAA (42 U.S.C. 7412 et seq.).
471

472 (Source: Amended at 50 Ill. Reg. _____, effective _____)
473

474 **Section 202.307 Notification to USEPA**
475

476 When it issues an ACS permit, the Agency must notify USEPA of emission limitations,
477 alternative compliance plans, and any other permit conditions applicable to emission sources
478 under an ACS.
479

480 (Source: Amended at 50 Ill. Reg. _____, effective _____)
481

482 SUBPART D: PERMIT DURATION, REVISION AND RENEWAL

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Section 202.401 Duration

- a) A permit containing an ACS is effective for five years, or a shorter period the Agency specifies as necessary for periodic review of the ACS or to accomplish the purposes of the Act or this Chapter. However, an ACS permit may not be issued for a period greater than the useful life of an emission source which contributes an emission reduction to the ACS. The burden of proving the useful life of the emission source is on the applicant.

- b) When it issues or renews an ACS permit, the Agency must consider all factors which it reasonably construes as bearing upon the useful life of an emission source which contributes an emission reduction to the ACS. Where a shutdown emission source contributes an emission reduction to an ACS, the Agency must specify the useful life of the shutdown emission source in a permit condition. The Agency must consider factors including:
 - 1) The anticipated useful life of the principal components of the emission source upon purchase;
 - 2) The physical condition of the principal components of the emission source;
 - 3) The technological acceptability of the emission source;
 - 4) The economic viability of the emission source; and
 - 5) The demonstrated useful life of emission sources of the same category or functional type.

- c) The Agency must make a record of the factors considered and the basis for its initial or modified determination of useful life made under subsection (b).

(Source: Amended at 50 Ill. Reg. , effective)

Section 202.402 Revision

- ~~a)~~a) Timing
 - 1) An application for revision of a permit containing an ACS must be submitted at least 180 days before the date on which the revision is

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524 required to go into effect.

525

526 2) If the standard under this Chapter changes for an emission source included
527 in the ACS and the permittee proposes a revised ACS, an application to
528 revise a permit containing the ACS must be submitted at least 90 days
529 before the date a compliance plan must be submitted.

530

531 b) The applicant must submit the information in Section 202.210 which is necessary
532 to show that the revised ACS will meet the standards to issue a permit under
533 Section 202.306.

534

535 c) Unless the Agency finds that the proposed revisions to the ACS are not
536 substantive in nature and do not alter fundamental details of the ACS approved
537 under the prior permit, issuing the revised permit must be subject to public
538 participation under Section 202.305.

539

540 (Source: Amended at 50 Ill. Reg. _____, effective _____)

541

542 **Section 202.403 Renewal**

543

544 a) An application to renew a permit containing an ACS must be submitted at least
545 180 days before the previous permit expires.

546

547 b) Applications for renewal must contain the information in Section 202.210.
548 However, an analysis of the effect of the ACS on air quality under Section
549 202.212 must be provided only if:

550

551 1) The other information submitted under this subsection is different from
552 the information upon which the Agency previously issued the permit; and

553

554 2) The differences include a change in the applicable emission limit or
555 operation of the source or may otherwise significantly affect air quality.

556

557 c) Unless the Agency finds that changes in the application are not substantive in
558 nature and do not alter fundamental details of the ACS approved under the prior
559 permit, renewal of the permit must be subject to public participation under
560 Section 202.305.

561

562 (Source: Amended at 50 Ill. Reg. _____, effective _____)

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564

SUBPART E: ALTERNATIVE CONTROL STRATEGIES

~~POLLUTION CONTROL BOARD
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INVOLVING MORE THAN ONE PERSON

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567

Section 202.501 Applicability

569

Persons who propose or participate in a multi-person ACS are subject to the rules in this Subpart and in the remainder of this Part.

572

(Source: Amended at 50 Ill. Reg. , effective)

574

Section 202.502 Permit Application

576

In addition to information required in Section 212.210, persons who propose a multi-person ACS must:

579

- a) Identify the persons having ownership and control of the emission sources to be included in the ACS; and
- b) Provide a written agreement showing the participants' intent to pursue the multi-person ACS and be jointly bound by the terms and conditions of any permits issued through the application.

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(Source: Amended at 50 Ill. Reg. , effective)

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588

Section 202.503 Duration

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All permits issued under a multi-person ACS must have the same expiration date.

592

(Source: Amended at 50 Ill. Reg. , effective)

593

594

Section 202.504 Permit Conditions

596

Each participant in a multi-person ACS must be issued an individual permit, which must be conditioned on the continuing compliance of the other participants with the limitations in their permits.

597

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(Source: Amended at 50 Ill. Reg. , effective)

601

602

Section 202.505 Records and Reports

603

604

All records and reports of the participants in a multi-person ACS which are not confidential in

605

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606 nature must be available for inspection to the other participants upon reasonable notice of a
607 request to inspect.

608

609 (Source: Amended at 50 Ill. Reg. , effective)

610

611 **Section 202.506 Revocation**

612

613 Permit revocation or other sanctions may be initiated before the Board against any and all
614 persons in a multi-person ACS, regardless of the ownership and control of the emission source at
615 which the violations occurred or any contracts or other agreements between the participants.

616

617 (Source: Amended at 50 Ill. Reg. , effective)

618

619 **Section 202.507 Termination**

620

621 a) If a participant in a multi-person ACS intends to terminate involvement in the
622 ACS, it must give written notice to the Agency and the other participants in the
623 ACS at least 180 days before the anticipated termination date.

624

625 b) If the ACS will not meet the standards of issuance with only the remaining
626 participants, they may:

627

628 1) Propose a revised ACS to include the remaining sources and persons.
629 This proposal must be submitted to the Agency at least 120 days before
630 new permits are required; or

631

632 2) Apply for revised permits under the otherwise applicable regulations in
633 this Chapter. These applications must be submitted at least 90 days before
634 the permits are required; or

635

636 c) If the notice of termination of the multi-person ACS does not allow sufficient
637 time to meet the deadlines in Section 202.507(b), the participants may petition the
638 Board for variance relief from the requirements of this Chapter and of the Act.

639

640 (Source: Amended at 50 Ill. Reg. , effective)

641

642 **Section 202.APPENDIX A Pre-Codification into Codified (Repealed)**

643

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645 (Source: Repealed at 50 Ill. Reg. , effective)

646

647 **Section 202.APPENDIX B Codified into Pre-Codification (Repealed)**

648

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(Source: Repealed at 50 Ill. Reg. , effective)

Summary report:	
Litera Compare for Word 11.8.0.56 Document comparison done on 3/25/2026 10:20:37 AM	
Style name: Default Style	
Intelligent Table Comparison: Active	
Original filename: 35-202RG-P Agency 3.19.26.docx	
Modified filename: 35-202RG-(JCAR Predraft) 3.25.26.docx	
Changes:	
<u>Add</u>	74
Delete	78
Move From	0
<u>Move To</u>	0
<u>Table Insert</u>	1
Table Delete	1
<u>Table moves to</u>	0
Table moves from	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	0
Embedded Excel	0
Format changes	0
Total Changes:	154

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TITLE 35: ENVIRONMENTAL ~~ROTECTION~~PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER b: ALTERNATIVE REDUCTION PROGRAM

PART 205
EMISSIONS REDUCTION MARKET SYSTEM (REPEALED)

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- 10 Section
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- 12 205.110 Purpose
- 13 205.115 Sunset Provision
- 14 205.120 Abbreviations and Acronyms
- 15 205.130 Definitions
- 16 205.150 Emissions Management Periods

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- 19 Section
- 20 205.200 Participating Source
- 21 205.205 Exempt Source
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- 23 205.220 Insignificant Emission Units
- 24 205.225 Startup, Malfunction or Breakdown

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- 27 Section
- 28 205.300 Seasonal Emissions Component of the Annual Emissions Report
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- 30 ~~205.315~~205.315 CAAPP Permits for ERMS Sources
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- 41

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- 42 205.400 Seasonal Emissions Allotment
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45

46 SUBPART E: ALTERNATIVE ATU GENERATION

47

- 48 Section
- 49 205.500 Emissions Reduction Generator
- 50 205.510 Inter-Sector Transaction

51

52 SUBPART F: MARKET TRANSACTIONS

53

- 54 Section
- 55 205.600 ERMS Database
- 56 205.610 Application for Transaction Account
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- 58 205.630 ATU Transaction Procedures

59

60 SUBPART G: PERFORMANCE ACCOUNTABILITY

61

- 62 Section
- 63 205.700 Compliance Accounting
- 64 205.710 Alternative Compliance Market Account (ACMA)
- 65 205.720 Emissions Excursion Compensation
- 66 205.730 Excursion Reporting
- 67 205.740 Enforcement Authority
- 68 205.750 Emergency Conditions
- 69 205.760 Market System Review Procedures

70

71 AUTHORITY: Implementing Section 9.8 and authorized by Sections ~~25~~27 and 28 of the
72 Environmental Protection Act [415 ILCS 5/9.8, 27 and 28].

73

74 SOURCE: Adopted in R97-13 at 21 Ill. Reg. 15777, effective November ~~27~~25, 1997; amended
75 in R05-11 at 29 Ill. Reg. 8848, effective June 13, 2005; amended in R18-22 at 43 Ill. Reg. 441,
76 effective December 26, 2018; repealed in R18-21 at 50 Ill. Reg. ~~_____~~_____, effective

77 ~~_____~~_____.

78

79 SUBPART A: GENERAL PROVISIONS

80

81 **Section 205.100 Severability**

82

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83 If any Section, subsection, sentence or clause of this Part is judged invalid, such adjudication
84 shall not affect the validity of this Part as a whole or of any Section, subsection, sentence or
85 clause thereof not judged invalid.
86

87 **Section 205.110 Purpose**
88

89 The purpose of this Part is to implement the Emissions Reduction Market System (ERMS)
90 regulatory program consistent with the assurances that are specified in Section 9.8 of the
91 Environmental Protection Act [415 ILCS 5/9.8]. The ERMS is designed, as further specified in
92 this Part, to achieve the following:
93

- 94 a) Implement innovative and cost-effective strategies to attain the national ambient
95 air quality standard (NAAQS) for ozone and to meet the requirements of the
96 Clean Air Act;
97
- 98 b) Increase flexibility for participating sources and lessen the economic impacts
99 associated with implementation of the Clean Air Act;
100
- 101 c) Take into account the findings of the national ozone transport assessment
102 coordinated by the Environmental Council of States with participation by the
103 United States Environmental Protection Agency and by the Lake Michigan Air
104 Directors Consortium; and
105
- 106 d) Assure that sources subject to the ERMS regulatory program will not be required
107 to reduce emissions to an extent that exceeds their proportionate share of the total
108 emissions reductions required of all emission sources, including mobile and area
109 sources.
110

111 **Section 205.115 Sunset Provision**
112

113 This Part does not apply after April 29, 2018. Subject sources must comply with this Part before
114 April 30, 2018.
115

116 **Section 205.120 Abbreviations and Acronyms**
117

118 Unless otherwise specified within this Part, the abbreviations used in this Part shall be the same
119 as those found in 35 Ill. Adm. Code 211. The following abbreviations and acronyms are used in
120 this Part:
121

<u>ACMA</u>	<u>Alternative Compliance Market Account</u>
<u>Act</u>	<u>Environmental Protection Act [415 ILCS 5]</u>

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<u>ATU</u>	<u>Allotment Trading Unit</u>
<u>BAT</u>	<u>Best Available Technology</u>
<u>CAA</u>	<u>Clean Air Act as amended in 1990 [42 U.S.C. 7401 through 7671q]</u>
<u>CAAPP</u>	<u>Clean Air Act Permit Program</u>
<u>ERMS</u>	<u>Emissions Reduction Market System</u>
<u>FESOP</u>	<u>Federally Enforceable State Operating Permit</u>
<u>LAER</u>	<u>Lowest Achievable Emission Rate</u>
<u>MACT</u>	<u>Maximum Achievable Control Technology</u>
<u>NAAQS</u>	<u>National Ambient Air Quality Standard</u>
<u>NESHAP</u>	<u>National Emission Standards for Hazardous Air Pollutants</u>
<u>RFP</u>	<u>Reasonable Further Progress</u>
<u>ROP</u>	<u>Rate of Progress</u>
<u>USEPA</u>	<u>United States Environmental Protection Agency</u>
<u>VOM</u>	<u>Volatile Organic Material</u>

- 122 ~~ACMA~~ ~~Alternative Compliance Market Account~~
- 123 ~~Act~~ ~~Environmental Protection Act [415 ILCS 5]~~
- 124 ~~ATU~~ ~~Allotment Trading Unit~~
- 125 ~~BAT~~ ~~Best Available Technology~~
- 126 ~~CAA~~ ~~Clean Air Act as amended in 1990 [42 U.S.C. 7401 through 7671q]~~
- 127 ~~CAAPP~~ ~~Clean Air Act Permit Program~~
- 128 ~~ERMS~~ ~~Emissions Reduction Market System~~
- 129 ~~FESOP~~ ~~Federally Enforceable State Operating Permit~~
- 130 ~~LAER~~ ~~Lowest Achievable Emission Rate~~
- 131 ~~MACT~~ ~~Maximum Achievable Control Technology~~
- 132 ~~NAAQS~~ ~~National Ambient Air Quality Standard~~
- 133 ~~NESHAP~~ ~~National Emission Standards for Hazardous Air Pollutants~~
- 134 ~~RFP~~ ~~Reasonable Further Progress~~
- 135 ~~ROP~~ ~~Rate of Progress~~
- 136 ~~USEPA~~ ~~United States Environmental Protection Agency~~
- 137 ~~VOM~~ ~~Volatile Organic Material~~

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Section 205.130 Definitions

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Unless otherwise specified within this Part, the definitions for the terms used in this Part shall be the same as those found in Section 39.5 of the Act [415 ILCS 5/39.5] and in 35 Ill. Adm. Code 211.

"Account officer" means a natural person who has been approved by the Agency, as specified in Section 205.620 of this Part, and is subsequently responsible for one or more Transaction Accounts to which he or she is designated.

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"Allotment" means the number of allotment trading units (ATUs) allotted to a source by the Agency, as established in the source's CAAPP permit or FESOP.

"Allotment Trading Unit (ATU)" means a tradable unit that represents 200 lbs of VOM emissions and is a limited authorization to emit 200 lbs of VOM emissions during the seasonal allotment period.

"Annual Emissions Report" means the report submitted to the Agency annually pursuant to 35 Ill. Adm. Code 254.

"Baseline emissions" means a participating source's VOM emissions for the seasonal allotment period based on historical operations as determined under Subpart C of this Part. Baseline emissions shall be the basis of the allotment for each participating source.

"Best Available Technology (BAT)" means an emission level based on the maximum degree of reduction of VOM emitted from or which results from any emission unit, which the Agency, on a case-by-case basis, taking into account energy, environmental and economic impacts, determines is achievable for such unit through application of production processes and available methods, systems, and techniques for control of VOM, considering the features and production process and control methods, systems and techniques already used for the unit. BAT for an emission unit shall not be more stringent than Best Available Control Technology (BACT) as would be determined contemporaneously for such unit under the federal rules for Prevention of Significant Deterioration of Air Quality (PSD), 40 CFR 52.21 (1996). In no event shall application of "best available technology" result in emissions of VOM which exceed the emissions allowed by any standard established pursuant to Section 111 of the Clean Air Act, if such a standard is applicable to the category of emission unit.

"CAAPP" means the Clean Air Act Permit Program, pursuant to Section 39.5 of the Act [415 ILCS 5/39.5].

"Chicago area" means the area composed of Cook, DuPage, Kane, Lake, McHenry, and Will Counties and Aux Sable Township and Goose Lake Township in Grundy County and Oswego Township in Kendall County.

"Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, such as an act of God, that requires immediate corrective action to restore normal operation.

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"Emissions excursion" refers to the event that occurs when a participating source or new participating source does not hold sufficient ATUs at the end of a reconciliation period to account for its VOM emissions from the preceding seasonal allotment period, in accordance with Section 205.150(c) or (d) of this Subpart.

"Excursion Compensation Notice" means an administrative notice issued by the Agency, pursuant to Section 205.720 of this Part, that notifies the owner or operator of a participating source or new participating source that the Agency has determined that the source has had an emissions excursion.

"General participant" means any person, other than a participating source or new participating source, that obtains a Transaction Account and is allowed to buy and sell ATUs.

"New participating source" means a source not operating prior to May 1, 1999, located in the Chicago area, that emits or has the potential to emit 25 tons per year or more of VOM or is required to obtain a CAAPP permit; and has or will have seasonal emissions of at least 10 tons of VOM.

"Participating source" means a source operating prior to May 1, 1999, located in the Chicago area, that emits or has the potential to emit 25 tons per year or more of VOM or is required to obtain a CAAPP permit; and has baseline emissions of at least 10 tons, as specified in Section 205.320(a) of this Part, or seasonal emissions of at least 10 tons in any seasonal allotment period beginning in 1999.

"Reconciliation period" means the period from October 1 through December 31 of each year during which the owner or operator of a participating source or new participating source must compile actual VOM emissions for the previous seasonal allotment period and may also buy or sell ATUs so that sufficient ATUs are held by the source by the conclusion of the reconciliation period.

"Seasonal allotment period" means the period from May 1 through September 30 of each year.

"Seasonal emissions" means actual VOM emissions at a source that occur during a seasonal allotment period.

"Sell" means to transfer ATUs to another person through sale, lease, trade or other means of transfer.

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231
232 "Special participant" means any person that registers with the Agency and may
233 purchase and retire ATUs but not sell ATUs, as specified in Section 205.610 of
234 this Part.

235
236 "Throughput" means the activity of an emission unit during a particular period
237 relevant to its generation of VOM emissions, including, but not limited to, the
238 amount of material transferred for a liquid storage operation, the amount of
239 material processed through or produced by the emission unit, fuel usage, or the
240 weight or volume of coatings or inks.

241
242 "Transaction Account" means an account authorized by the Agency or its
243 designee that allows an account officer to buy or sell ATUs.

244
245 **Section 205.150 Emissions Management Periods**

- 246
- 247 a) The VOM emissions control period is the seasonal allotment period, which is
248 from May 1 through September 30, annually.
 - 249
250 b) The reconciliation period is from October 1 to December 31, annually. During
251 each reconciliation period, participating sources and new participating sources
252 shall:
 - 253
254 1) Compile data of actual VOM emissions during the immediately preceding
255 seasonal allotment period; and
 - 256
257 2) Submit its seasonal emissions component of its Annual Emissions Report,
258 in accordance with Section 205.300 of this Part.
 - 259
260 c) At the end of each reconciliation period, on and after the dates specified in
261 Section 205.200 of this Part, each participating source shall:
 - 262
263 1) Hold ATUs in an amount not less than its VOM emissions during the
264 preceding seasonal allotment period, except as provided in Sections
265 205.220, 205.225, 205.315, 205.316, 205.320(e)(3) or (f) and 205.750 of
266 this Part; or
 - 267
268 2) Except as provided in subsection (f) of this Section, hold ATUs in an
269 amount not less than 1.3 times its emissions during the preceding seasonal
270 allotment period that are attributable to a major modification, if a
271 participating source commences operation of a major modification

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272 pursuant to 35 Ill. Adm. Code 203 on or after May 1, 1999. Additionally,
273 such source must hold ATUs in accordance with subsection (c)(1) of this
274 Section for VOM emissions during the preceding seasonal allotment
275 period that are not attributable to this major modification.
276

277 d) At the end of each reconciliation period, beginning with the reconciliation period
278 immediately following the seasonal allotment period in which the source first
279 becomes a new participating source, as specified in Section 205.210 of this Part,
280 each new participating source shall:
281

282 1) Except as provided in subsection (f) of this Section, if the new
283 participating source is a new major source pursuant to 35 Ill. Adm. Code
284 203, hold ATUs in an amount not less than 1.3 times its VOM emissions
285 during the preceding seasonal allotment period; or
286

287 2) If the new participating source is not a new major source pursuant to 35
288 Ill. Adm. 203, hold ATUs in an amount not less than its VOM emissions
289 during the preceding seasonal allotment period, except as provided in
290 Sections 205.220, 205.225 and 205.750 of this Part.
291

292 e) Except as provided in subsection (f) of this Section, any participating source that
293 commences operation of a major modification on or after May 1, 1999, or any
294 new participating source that is a new major source, which, at the end of each
295 reconciliation period, holds ATUs in an amount not less than 1.3 times the VOM
296 emissions during the preceding seasonal allotment period, in accordance with
297 subsection (c)(2) or (d)(1) of this Section, as applicable, shall be deemed to have
298 satisfied the VOM offset requirements of 35 Ill. Adm. Code 203.302(a), 203.602
299 and 203.701.
300

301 f) Chicago area classification
302

303 1) If the nonattainment classification of the Chicago area for ozone is
304 changed such that the required offset ratio is no longer 1.3 to 1 and a new
305 offset ratio applies, as specified in 35 Ill. Adm. Code 203.302, that ratio
306 shall then apply in lieu of the 1.3 to 1 ratio set forth in subsections (c)(2),
307 (d)(1), and (e) of this Section. Such new ratio shall not apply to any part
308 of a source or any modification already subject to the 1.3 to 1 ratio or
309 other previously-effective offset ratio ~~established~~ prior to the effective
310 date of the new ratio.
311

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312 2) If the Chicago area is designated as attainment for ozone, the 1.3 to 1 ratio
313 set forth in subsections (c)(2), (d)(1), and (e) of this Section or any new
314 ratio established pursuant to subsection (f)(1) of this Section shall cease to
315 apply. However, such ratio shall continue to apply to any part of a source
316 or any modification that is already subject to the ratio prior to such
317 designation.
318

SUBPART B: APPLICABILITY

319
320
321 **Section 205.200 Participating Source**
322

- 323 a) The requirements of this Part shall apply to any source operating prior to May 1,
324 1999, located in the Chicago area, that:
- 325
 - 326 1) emits or has the potential to emit 25 tons per year or more of VOM or is
327 required to obtain a CAAPP permit; and
328
 - 329 2) has baseline emissions of at least 10 tons, as specified in Section
330 205.320(a) of this Part, or seasonal emissions of at least 10 tons in any
331 seasonal allotment period beginning in 1999.
332
- 333 b) Each participating source shall hold ATUs, as specified in Section 205.150(c) of
334 this Part, in accordance with the following schedule:
335
- 336 1) For any participating source that has baseline emissions of at least 10 tons
337 of VOM, as determined in accordance with Section 205.320(a) of this
338 Part, beginning with the 1999 seasonal allotment period;
339
 - 340 2) For any source that first becomes a participating source because its VOM
341 emissions increase to 10 tons per season or more in any seasonal allotment
342 period beginning with 1999 and this emissions increase is not a major
343 modification pursuant to 35 Ill. Adm. Code 203, beginning with the first
344 seasonal allotment period after such increased emissions occurred; or
345
 - 346 3) For any source that will first be subject to the requirements of this Part
347 because of a VOM emissions increase at any time on or after May 1, 1999
348 that constitutes a major modification pursuant to 35 Ill. Adm. Code 203,
349 upon commencing operation of this modification.
350

351 **Section 205.205 Exempt Source**
352

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- 353 a) Any source that otherwise meets the criteria for participating sources shall be
354 exempt from the requirements of this Part, except that any such source shall be
355 required to obtain a CAAPP permit or FESOP and submit the seasonal emissions
356 component of the Annual Emissions Report as specified in Section 205.300 of
357 this Part, if the source accepts a 15 tons per seasonal allotment period limit on its
358 VOM emissions in its CAAPP permit or FESOP for each seasonal allotment
359 period in which the source would be required to participate in the ERMS in
360 accordance with the following:
361
- 362 1) If the source would be required to participate in the ERMS beginning with
363 the 1999 seasonal allotment period in accordance with Section
364 205.200(b)(1) of this Subpart, such source shall apply for the applicable
365 permit limitation by March 1, 1998; or
366
- 367 2) If the source is required to participate in the ERMS in any seasonal
368 allotment period after 1999 because its VOM emissions increase to 10
369 tons or more in any seasonal allotment period beginning with 1999 in
370 accordance with Section 205.200(b)(2) of this Subpart, such source shall
371 apply for the applicable permit limitation by December 1 of the first year
372 in which its seasonal emissions are at least 10 tons.
373
- 374 b) Any source that otherwise meets the criteria for participating sources shall be
375 exempt from the requirements of this Part, except that any such source shall be
376 required to submit the seasonal emissions component of the Annual Emissions
377 Report and an ERMS application as specified in Sections 205.300 and 205.310(d)
378 of this Part, respectively, if such source reduces its seasonal emissions by at least
379 18 percent beginning in 1999. Any such source shall accept conditions in its
380 CAAPP permit or FESOP limiting its seasonal emissions to at least 18 percent
381 less than its baseline emissions, as determined in accordance with Section
382 205.320 of this Part. Any such source shall apply for the applicable permit
383 limitation(s) by March 1, 1998. ATUs equivalent to any amount of VOM
384 emissions reductions achieved by the source beyond 12 percent (at least six
385 percent) shall be issued by the Agency to the ACMA.
386

387 **Section 205.210 New Participating Source**
388

- 389 a) The requirements of this Part shall apply to any new participating source, a source
390 not operating prior to May 1, 1999, located in the Chicago area, that:
391
- 392 1) emits or has the potential to emit 25 tons per year or more of VOM or is
393 required to obtain a CAAPP permit; and

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- 2) has or will have seasonal emissions of at least 10 tons of VOM.
- b) Each new participating source shall hold ATUs, as specified in Section 205.150(d) of this Part.

Section 205.220 Insignificant Emission Units

- a) Emission units identified as insignificant activities pursuant to the CAAPP permit for a participating or new participating source are exempt from the requirements of this Part.
- b) Emission units that the Agency determines would qualify as insignificant activities under 35 Ill. Adm. Code 201.Subpart F if the source were a CAAPP source and for which a statement to this effect is contained in the FESOP for a participating or new participating source are exempt from the requirements of this Part.

Section 205.225 Startup, Malfunction or Breakdown

Participating or new participating sources permitted to operate during startup, malfunction or breakdown pursuant to 35 Ill. Adm. Code 201.262, 270.407 and 270.408 are not required to hold ATUs for excess VOM emission during startup, malfunction and breakdown as authorized in the source's permit.

SUBPART C: OPERATIONAL IMPLEMENTATION

Section 205.300 Seasonal Emissions Component of the Annual Emissions Report

- a) For each year in which the source is operational, the owner or operator of each participating source and new participating source shall submit, as a component of its Annual Emissions Report, seasonal emissions information to the Agency for each seasonal allotment period after the effective date of this Part in accordance with the following schedule:
 - 1) For each participating source or new participating source that generates VOM emissions from less than 10 emission units, by October 31 of each year; and
 - 2) For each participating source or new participating source that generates VOM emissions from 10 or more emission units, by November 30 of each

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435 year.

436

437 b) In addition to any information required pursuant to 35 Ill. Adm. Code 254, the
438 seasonal emissions component of the Annual Emissions Report shall contain the
439 following information for the preceding seasonal allotment period for each
440 emission unit emitting or capable of emitting VOM, except that such information
441 is not required for emission units excluded pursuant to Section 205.220 of this
442 Part or for VOM emissions attributable to startup, malfunction or breakdown, as
443 specified in Section 205.225 of this Part:

444

445 1) Actual seasonal emissions of VOM from the source;

446

447 2) A description of the methods and practices used to determine VOM
448 emissions, as required by the source's CAAPP permit or FESOP, including
449 any supporting documentation and calculations;

450

451 3) A detailed description of any monitoring methods that differ from the
452 methods specified in the CAAPP permit or FESOP for the source, as
453 provided in Section 205.337 of this Subpart;

454

455 4) If a source has experienced an emergency, as provided in Section 205.750
456 of this Part, it shall reference the associated emergency conditions report
457 that has been approved by the Agency;

458

459 5) If a source's baseline emissions have been adjusted because of a variance,
460 consent order or CAAPP permit compliance schedule, as provided for in
461 Section 205.320(e)(3) of this Subpart, it shall provide documentation
462 quantifying the adjusted VOM emissions amount; and

463

464 6) If a source is operating a new or modified emission unit for which three
465 years of operational data is not yet available, as specified in Section
466 205.320(f) of this Subpart, it shall specify seasonal emissions attributable
467 to the new emission unit or the modification of the emission unit.

468

469 **Section 205.310 ERMS Applications**

470

471 a) The owner or operator of each participating source or new participating source
472 shall submit to the Agency an ERMS application in accordance with the
473 following schedule:

474

475 1) For a participating source with baseline emissions of at least 10 tons of

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- 476 VOM, as determined in accordance with Section 205.320(a) of this
477 Subpart, by March 1, 1998;
478
- 479 2) For any source that first becomes a participating source or new
480 participating source because its VOM emissions increase to 10 tons or
481 greater during any seasonal allotment period beginning with 1999, on or
482 before December 1 of the year of the first seasonal allotment period in
483 which its VOM emissions are at least 10 tons, provided that this emissions
484 increase is not a major modification pursuant to 35 Ill. Adm. Code 203; or
485
- 486 3) For any source existing prior to May 1, 1999, that first becomes a
487 participating source or new participating source due to a major
488 modification subject to 35 Ill. Adm. Code 203 based on VOM emissions,
489 at the time a construction permit application is submitted or due for the
490 source or modification, whichever occurs first; ~~or~~.
491
- 492 4) For a source that will be a new participating source when it commences
493 construction and that is also a major new source under 35 Ill. Adm. Code
494 203 based on VOM emissions, at the time a construction permit
495 application is submitted or due for the source, whichever occurs first.
496
- 497 b) Except as provided in subsection (d) of this Section, each ERMS application for
498 participating sources shall contain all information required by the Agency
499 pursuant to Section 39.5 of the Act [415 ILCS 5/39.5] or reference such
500 information if previously submitted to the Agency, including the following
501 information:
502
- 503 1) Data sufficient to establish the appropriate baseline emissions for the
504 source in accordance with Section 205.320 of this Subpart, including but
505 not limited to the following:
506
- 507 A) VOM emissions data and production types and levels from the
508 baseline emissions year(s), as specified in Section 205.320(a)(1),
509 (b) or (c) of this Subpart, as appropriate;
510
- 511 B) If the source is proposing a substitute baseline emissions year(s),
512 as provided in Section 205.320(a)(2) of this Subpart, a justification
513 that the year is more representative than 1994, 1995 or 1996,
514 including data on production types and levels from the proposed
515 substitute year(s) and historical production data, as needed to
516 justify that the proposed substitute year(s) is representative; and

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- C) If the source is proposing a baseline emissions adjustment based on voluntary over-compliance, as provided in Section 205.320(d) of this Subpart, sufficient information for the Agency to determine the appropriate adjustment;
 - 2) A description of methods and practices used to determine baseline emissions and that will be used to determine seasonal emissions for purposes of demonstrating compliance with this Part, in accordance with Sections 205.330 and 205.335 of this Subpart;
 - 3) Identification of any emission unit for which exclusion from further reductions is sought pursuant to Section 205.405(b) of this Part and including all of the information required pursuant to Section 205.405(b) of this Part;
 - 4) Identification of any emission unit excluded from further reductions pursuant to Section 205.405(a) of this Part; and
 - 5) Identification of any new or modified emission unit for which a construction permit was issued prior to January 1, 1998, but for which three years of operational data is not available, and the permitted VOM emissions or the permitted increase in VOM emissions from such emission unit(s), adjusted for the seasonal allotment period.
- c) Except as provided in subsection (h) of this Section, the ERMS application submitted by each participating source shall also be an application for a significant modification of its CAAPP permit or a revision to its FESOP, or a revision to its CAAPP or FESOP application if a CAAPP permit or FESOP has not yet been issued for the source.
- d) The ERMS application for any source that elects to reduce its seasonal emissions by at least 18 percent from its baseline emissions, as provided in Section 205.205(b) of this Part, shall include:
- 1) VOM emissions data sufficient to establish the appropriate baseline emissions for the source in accordance with Section 205.320 of this Subpart; and
 - 2) A description of methods and practices used to determine baseline emissions and that will be used to demonstrate that its seasonal emissions

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- 558 will be at least 18 percent less than its baseline emissions, in accordance
559 with Sections 205.330 and 205.335 of this Subpart.
560
- 561 e) Within 120 days after receipt of an ERMS application, the Agency shall provide
562 written notification to the source of a preliminary baseline emissions
563 determination. Public notice of a draft CAAPP permit or FESOP shall fulfill this
564 requirement for a preliminary baseline emissions determination if issued within
565 120 days.
566
- 567 f) The ERMS application for each source applying for a major modification, as
568 provided in subsection (a)(3) of this Section, shall include the information
569 specified in subsection (b) of this Section and a certification by the owner or
570 operator recognizing that the source will be required to hold ATUs by the end of
571 each reconciliation period in accordance with Section 205.150(c)(2) of this Part,
572 and provide a plan explaining the means by which it will obtain ATUs for the
573 VOM emissions attributable to the major modification for the first three seasonal
574 allotment periods in which this major modification is operational.
575
- 576 g) The ERMS application for each new participating source shall include:
577
- 578 1) A description of methods and practices that will be used to determine
579 seasonal emissions for purposes of demonstrating compliance with this
580 Part, in accordance with Sections 205.330 and 205.335 of this Subpart;
581
 - 582 2) A certification by the owner or operator recognizing that the source will be
583 required to hold ATUs by the end of each reconciliation period in
584 accordance with Section 205.150(d) of this Part for each seasonal
585 allotment period in which it is operational; and
586
 - 587 3) If the source is a new major source subject to 35 Ill. Adm. Code 203, a
588 plan explaining means by which it will obtain such ATUs for the first
589 three seasonal allotment periods in which it is operational.
590
- 591 h) The owner or operator of any participating source that has identified a new or
592 modified emission unit, as specified in subsection (b)(5) of this Section, shall
593 submit a written request for, or an application for, a revised emissions baseline
594 and allotment. Such written request or application shall be submitted by
595 December 1 of the year of the third complete seasonal allotment period in which
596 such newly constructed emission unit is operational, which submittal shall include
597 information on the seasonal emissions for these first three seasonal allotment
598 periods.

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Section 205.315 CAAPP Permits for ERMS Sources

- a) Except as provided in Section 205.316(c) of this Subpart, the Agency shall determine the baseline emissions for each participating source in accordance with Section 205.320 of this Subpart, through its final permit action on a new or modified CAAPP permit for the source. The Agency's baseline emissions determination may be appealed in accordance with the CAAPP appeal procedures specified in Section 40.2 of the Act [415 ILCS 5/40.2]. If the permit conditions establishing a source's baseline emissions are appealed, the baseline emissions for the source shall be as proposed in the source's ERMS application during the pendency of the appeal. During the pendency of the appeal, ATUs shall be allotted to the source pursuant to the part of the source's proposed baseline emissions that is not disputed in the appeal. If such source's seasonal VOM emissions exceed the ATUs it holds at the end of reconciliation periods during the pendency of the appeal, the source will not be deemed to have had an emissions excursion to the extent that such seasonal VOM emissions do not exceed the amount it proposed as its baseline in its ERMS application, less reductions required pursuant to Section 205.400(c) or (e) of this Part, if applicable. Such source shall not be allowed to sell ATUs during the pendency of the appeal.

- b) Except as provided in Section 205.316(c) of this Subpart, the Agency shall determine, in accordance with Sections 205.330 and 205.335 of this Subpart, the methods and practices applicable to each participating source and new participating source to determine seasonal emissions through its final permit action on a new or modified CAAPP permit for the source. The Agency's determination of the methods and practices applicable may be appealed in accordance with the CAAPP appeal procedures specified in Section 40.2 of the Act [415 ILCS 5/40.2].

- c) Except as provided in Section 205.316(c) of this Subpart, the Agency shall determine, in accordance with Section 205.405(b) of this Part, if an emission unit qualifies for exclusion from further reductions in its final permit action on a new or modified CAAPP permit for each such source. The Agency's determination may be appealed in accordance with the CAAPP appeal procedures specified in Section 40.2 of the Act [415 ILCS 5/40.2]. If the permit conditions establishing the Agency's BAT determination are appealed, ATUs shall be allotted to the source for any emission unit for which the Agency's BAT determination is being appealed with the emissions reduction required by Section 205.400(c) or (e) of this Part during the pendency of the appeal. If the seasonal VOM emissions for the subject emission unit(s) exceed the ATUs that are attributed to the unit(s)

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- 640 during the pendency of the appeal, the source will not be deemed to have an
641 emissions excursion to the extent that such seasonal VOM emissions do not
642 exceed the amount of ATUs that would be attributed to this unit if the BAT
643 exclusion was accepted. Such source shall not be allowed to sell ATUs during
644 the pendency of the appeal.
645
- 646 d) The CAAPP permit for a participating source shall specify the allotment for each
647 seasonal allotment period.
648
- 649 e) To the extent possible, the Agency shall initiate the procedures of 35 Ill. Adm.
650 Code 252, as required by Section 39.5 of the Act [415 ILCS 5/39.5], by grouping
651 the draft CAAPP permits and supporting documents for participating sources.
652 Specifically, to the extent possible, the Agency shall issue a joint public notice
653 and hold a joint hearing, as appropriate, addressing participating sources for
654 which a hearing is requested.
655
- 656 f) When a CAAPP permit for a participating source or new participating source is
657 transferred from the current permittee to another person:
658
- 659 1) In the case of a name change of the participating source or new
660 participating source where ownership is not altered, appropriate
661 documentation shall be submitted to revise the Transaction Account to
662 reflect the name change; or
663
- 664 2) In the case of an ownership change of the participating source or new
665 participating source, the allotment shall also be transferred by the owner or
666 operator of the permitted source to the new owner or operator, or the new
667 owner or operator shall submit a statement to the Agency certifying that
668 such transfer is not occurring and demonstrating that necessary ATUs are
669 or will be available by other means for the intended operation of the
670 source.
671
- 672 g) Upon reopening or renewal of the CAAPP permit for any participating source or
673 new participating source, any multiple season transfer agreement, as provided in
674 Section 205.630(a)(2)(B) of this Part, that has three or more years of transfers
675 remaining shall be identified in the renewed or reissued CAAPP permit for each
676 such source.
677
- 678 h) Upon reopening or renewal of the CAAPP permit for any participating source or
679 new participating source, any ATUs that will be issued by the Agency for three
680 years or more to any such source pursuant to Section 205.410, 205.500 or 205.510

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681 of this Part shall be identified in the renewed or reissued CAAPP permit for each
682 such source.
683

684 **Section 205.316 Federally Enforceable State Operating Permits for ERMS Sources**
685

- 686 a) Any participating or new participating source shall not operate without a CAAPP
687 permit or FESOP.
688
- 689 1) If a source has a CAAPP permit containing ERMS provisions and the
690 source elects to obtain a different permit in lieu of the CAAPP permit, the
691 source shall apply for and obtain a FESOP that contains ERMS
692 provisions, including, but not limited to, emissions calculation
693 methodologies, baseline emissions, and allotment for each seasonal
694 allotment period, all of which are identical to those provisions contained
695 in its CAAPP permit.
696
- 697 2) If a participating or new participating source does not have a CAAPP
698 permit containing ERMS provisions and the source elects to obtain a
699 permit other than a CAAPP permit, the source shall apply for and obtain a
700 FESOP that contains, in addition to other necessary provisions, federally
701 enforceable ERMS provisions, including baseline emissions, allotment for
702 each seasonal allotment period, identification of any units deemed to be
703 insignificant activities for the purposes of the ERMS, emissions
704 calculation methodologies, and provisions addressing all other applicable
705 requirements of this Part.
706
- 707 b) When determining the baseline emissions and allotment for a participating source
708 as required under subsection (a)(2) of this Section:
709
- 710 1) The Agency shall determine baseline emissions in accordance with
711 Section 205.320 of this Subpart, through its final permit action on the new
712 or modified FESOP for the source. The Agency's baseline emissions
713 determination may be appealed in accordance with the appeal procedures
714 specified in Section 40 of the Act [415 ILCS 5/40]. If the permit
715 conditions establishing a source's baseline emissions are appealed, the
716 baseline emissions for the source shall be as proposed in the source's
717 ERMS application during the pendency of the appeal. During the
718 pendency of the appeal, ATUs shall be allotted to the source pursuant to
719 the part of the source's proposed baseline emissions that is not disputed in
720 the appeal. If such source's seasonal VOM emissions exceed the ATUs it
721 holds at the end of reconciliation periods during the pendency of the

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722 appeal, the source will not be deemed to have had an emissions excursion
723 to the extent that such seasonal VOM emissions do not exceed the amount
724 it proposed as its baseline in its ERMS application, less reductions
725 required pursuant to Section 205.400(c) or (e) of this Part, if applicable.
726 Such source shall not be allowed to sell ATUs during the pendency of the
727 appeal.
728

- 729 2) The Agency shall determine, in accordance with Section 205.405(b) of
730 this Part, if an emission unit qualifies for exclusion from further
731 reductions in its final permit action on a new or modified FESOP for the
732 source. The Agency's determination may be appealed in accordance with
733 the appeal procedures specified in Section 40 of the Act [415 ILCS 5/40].
734 If the permit conditions establishing the Agency's BAT determination are
735 appealed, ATUs shall be allotted to the source for any emission unit for
736 which the Agency's BAT determination is being appealed with the
737 emissions reduction required by Section 205.400(c) or (e) of this Part
738 during the pendency of the appeal. If the seasonal VOM emissions for the
739 subject emission unit(s) exceed the ATUs that are attributed to the unit(s)
740 during the pendency of the appeal, the source will not be deemed to have
741 an emissions excursion to the extent that such seasonal VOM emissions
742 do not exceed the amount of ATUs that would be attributed to this unit if
743 the BAT exclusion was accepted. Such source shall not be allowed to sell
744 ATUs during the pendency of the appeal.
745

- 746 c) The Agency shall determine, in accordance with Sections 205.330 and 205.335 of
747 this Subpart, the methods and practices applicable to the participating source or
748 new participating source to determine seasonal emissions through its final permit
749 action on the new or modified FESOP for such source. The Agency's
750 determination of the methods and practices applicable may be appealed in
751 accordance with the appeal procedures specified in Section 40 of the Act [415
752 ILCS 5/40].
753

- 754 d) When a FESOP for a participating source or new participating source is
755 transferred from the current permittee to another person:
756

- 757 1) In the case of a name change of the participating source or new
758 participating source where ownership is not altered, appropriate
759 documentation shall be submitted to revise the Transaction Account to
760 reflect the name change; or
761

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- 762 2) In the case of an ownership change of the participating source or new
763 participating source, the allotment shall also be transferred by the owner or
764 operator of the permitted source to the new owner or operator, or the new
765 owner or operator shall submit a statement to the Agency certifying that
766 such transfer is not occurring and demonstrating that necessary ATUs are
767 or will be available by other means for the intended operation of the
768 source.
769
- 770 e) Upon reopening or renewal of the FESOP for any participating source or new
771 participating source, any multiple season transfer agreement, as provided in
772 Section 205.630(a)(2)(B) of this Part, that has three or more years of transfers
773 remaining shall be identified in the renewed or reissued FESOP for such source.
774
- 775 f) Upon reopening or renewal of the FESOP for any participating source or new
776 participating source, any ATUs that will be issued by the Agency for three years
777 or more to any such source pursuant to Section 205.410, 205.500 or 205.510 of
778 this Part shall be identified in the renewed or reissued FESOP for such source.
779

780 **Section 205.318 Certification for Exempt CAAPP Sources**
781

782 The owner or operator of any source that is located in the Chicago area that is required to obtain
783 a CAAPP permit, and has seasonal emissions, as determined in accordance with Section
784 205.320(a) of this Subpart, of less than 10 tons shall submit a written certification to the Agency
785 by March 1, 1998, certifying that its VOM emissions are below 10 tons per season as specified in
786 Section 205.320(a) of this Subpart. Such certification shall include the amount of VOM
787 emissions at the source during the 1994, 1995, 1996 and 1997 seasonal allotment periods, and
788 supporting calculations.
789

790 **Section 205.320 Baseline Emissions**
791

- 792 a) Except as provided in subsection (b) or (c) of this Section, baseline emissions
793 shall be determined by the Agency in accordance with the following, adjusted as
794 specified in subsections (d), (e) and (f) of this Section:
795
- 796 1) Baseline emissions shall be calculated using the average of the two
797 seasonal allotment periods with the highest VOM emissions during 1994,
798 1995 or 1996.
799
- 800 2) Any source may propose to substitute seasonal emissions on a
801 year-for-year basis due to non-representative conditions in 1994, 1995 or
802 1996, but must stay within the period from 1990 through 1997, and must

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803 have accurate seasonal emissions data for the substitute year(s). When
804 considering whether to substitute a seasonal baseline emission year(s), the
805 Agency must consider the information submitted by the source pursuant to
806 Section 205.310(b)(1)(B) of this Subpart, as well as the accuracy of that
807 data. For the purposes of this subsection (a)(2), "non-representative
808 conditions" include, but are not limited to, events such as strikes, fires,
809 floods and market conditions.
810

811 b) Except as provided ~~below~~ in subsection (c) of this Section, for any source that has
812 seasonal emissions of less than 10 tons, as determined in accordance with
813 subsection (a) of this Section, but becomes a participating source because its
814 seasonal emissions increase to 10 tons or more in any seasonal allotment period
815 beginning with 1999, baseline emissions shall be determined by the Agency based
816 on actual VOM emissions from the first seasonal allotment period in which the
817 source's emissions equaled or exceeded 10 tons, adjusted as specified in
818 subsections (d), (e) and (f) of this Section, provided such emissions increase is not
819 a major modification pursuant to 35 Ill. Adm. Code 203.
820

821 c) For any source that has seasonal emissions of less than 10 tons, as determined in
822 accordance with subsection (a) of this Section, but becomes a participating source
823 because its seasonal emissions increase to 10 tons or more in any seasonal
824 allotment period beginning with 1999 and this emissions increase constitutes a
825 major modification pursuant to 35 Ill. Adm. Code 203, baseline emissions shall
826 be determined by the Agency based on the average of the actual seasonal
827 emissions from the two seasonal periods prior to a timely submittal of its
828 application for the major modification, adjusted as specified in subsections (d)
829 and (e) of this Section. Any such source may substitute seasonal emissions on a
830 year-for-year basis due to non-representative conditions in either of the two
831 seasonal allotment periods prior to submittal of its application for the major
832 modification but must stay within the five year period prior to submittal of such
833 application. For the purposes of this subsection, "non-representative conditions"
834 include, but are not limited to, conditions such as strikes, fires, floods and market
835 conditions.
836

837 d) The baseline emissions of any participating source shall be increased for
838 voluntary over-compliance that occurred after October 31, 1990 and results in a
839 VOM emissions level that is lower than the level required by applicable
840 requirements effective in 1996, including limitations in the source's permit(s)
841 based on such applicable requirements. Voluntary over-compliance shall be
842 determined in accordance with the following:
843

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- 844 1) Determine the actual activity or production types and levels from the
845 seasonal allotment period(s) selected for baseline emissions pursuant to
846 subsection (a), (b) or (c) of this Section;
847
- 848 2) Determine seasonal emissions for each emission unit as the product of the
849 amount of activity or production, as determined in accordance with
850 subsection (d)(1) of this Section, and the actual emissions level;
851
- 852 3) Determine seasonal emissions for each emission unit as the product of the
853 amount of activity or production, as determined in accordance with
854 subsection (d)(1) of this Section, and the allowable emissions level
855 pursuant to all applicable requirements effective through 1996, including
856 limitations in the source's permit(s) based on such applicable
857 requirements; and
858
- 859 4) Determine the appropriate adjustment to baseline emissions by subtracting
860 the seasonal emissions determined pursuant to subsection (d)(2) of this
861 Section from the seasonal emissions determined pursuant to subsection
862 (d)(3) of this Section.
863
- 864 e) The baseline emissions of any participating source shall be decreased if any of the
865 following circumstances exist:
866
- 867 1) If a source is out of compliance with any applicable requirements,
868 including limitations in the source's permit(s) based on such applicable
869 requirements, in any of the seasonal allotment periods used for baseline
870 emissions, its baseline emissions shall be lowered to reflect the amount of
871 VOM emissions that would be achieved if in compliance with such
872 requirements.
873
- 874 2) If any of the seasonal allotment periods selected for baseline emissions do
875 not reflect compliance with requirements effective through 1996 that
876 became applicable after any of the years selected as baseline years, the
877 source's baseline emissions shall be lowered to reflect the amount of VOM
878 emissions that would be achieved if in compliance with such
879 requirements.
880
- 881 3) If, in any of the years selected for baseline emissions, a source's VOM
882 emissions are in excess of the amount of VOM emissions allowed by
883 applicable rules because it has been granted a variance, has entered into a
884 consent order, or is operating pursuant to a CAAPP permit compliance

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885 schedule, the baseline emissions for such source shall be lowered to reflect
886 the VOM emissions amount that would be achieved if in compliance with
887 such requirements, subject to the following:
888

889 A) Each such source shall be allowed to emit VOM emissions in
890 excess of the ATUs it holds at the end of the reconciliation period
891 each year until compliance with the applicable regulation is
892 achieved, or upon expiration of the relief allowed for in the
893 variance, consent order or CAAPP permit compliance schedule,
894 whichever occurs first;
895

896 B) Such excess VOM emissions shall be allowed to the extent
897 allowed in the variance, consent order or CAAPP permit
898 compliance schedule; and
899

900 C) The seasonal component of the Annual Emissions Report for each
901 such source shall be adjusted each year until compliance with the
902 applicable requirement(s) is achieved, or upon expiration of the
903 relief allowed for in the variance, consent order or CAAPP permit
904 compliance schedule, whichever occurs first, as specified in
905 subsection (e)(3)(B) of this Section.
906

907 4) For any participating source that operated with excess emissions during
908 startup, malfunction or breakdown during any year used to determine its
909 baseline emissions, whether or not such operation was authorized pursuant
910 to the source's permit, excess VOM emissions attributable to startup,
911 malfunction or breakdown shall be excluded from the baseline emissions.
912

913 f) For new or modified emission units at a source for which a construction permit
914 was issued prior to January 1, 1998, but for which three years of operational data
915 is not available, the baseline emissions determination for the source shall include
916 VOM emissions from such new emission unit or the increase in emissions from
917 the modification of such emission unit based on the two seasonal allotment
918 periods with the highest VOM emissions from the first three complete seasonal
919 allotment periods in which any such new or modified emission unit is operational.
920 ATUs shall only be issued in accordance with this subsection after the baseline
921 emissions has been determined. Any such source shall not be required to hold
922 ATUs for VOM emissions attributable to the new emission unit or the
923 modification of the existing emission unit for the first three complete seasonal
924 allotment periods in which it is operational.
925

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- 926 g) For any source which acquired emission reduction credits pursuant to a written
927 agreement, entered into prior to January 1, 1998, and such emission reduction
928 credits were acquired for use as emissions offsets, in accordance with 35 Ill. Adm.
929 Code 203, such emission reduction credits, adjusted for the seasonal allotment
930 period, and reduced by 24 percent, shall be included in the baseline emissions
931 determination for the source, only to the extent that:
932
- 933 1) The Agency has issued a federally enforceable permit, prior to January 1,
934 1998, to the source from which the emission reduction credits were
935 acquired, and such federally enforceable permit recognized the creation of
936 the VOM emission reduction credits by the cessation of all VOM-emitting
937 activities and the withdrawal of the operating permits for VOM-emitting
938 activities at such other sources; and
939
- 940 2) The Agency has not relied upon the emission reduction credits to
941 demonstrate attainment or reasonable further progress.
942

943 **Section 205.330 Emissions Determination Methods**
944

945 The owner or operator of a participating source or new participating source shall determine
946 VOM emissions from the source during the seasonal allotment period using methods as
947 necessary to demonstrate compliance with this Part. Such methods shall be, at a minimum, as
948 stringent as those required by any applicable requirement and any permit condition. The Agency
949 shall establish the emissions determination methods applicable to each such source in the
950 source's CAAPP permit or FESOP. The following methods, in conjunction with relevant
951 source-specific throughput and operating data, are acceptable methods a source may use to
952 determine seasonal emissions, depending on the type of emission unit:
953

- 954 a) Material balance calculation, based on the VOM content of raw materials and
955 recovered materials, as is typically used for degreasers, coating lines, and printing
956 lines equipped with a carbon adsorption system (recovery-type control device) or
957 without any control device;
958
- 959 b) A standard engineering formula for estimation of emissions, as is typically used
960 for storage and transfer of volatile organic liquids;
961
- 962 c) A source-specific emission factor(s), based on representative testing and sampling
963 data and appropriate analysis, as typically used for petroleum refining processes;
964
- 965 d) A published USEPA emission factor(s), as is typically used for component leaks;
966

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- 967 e) A source-specific emission rate or VOM control efficiency, based on
968 representative testing, as is typically used for chemical processes and afterburners
969 (destruction-type control device), respectively;
970
- 971 f) A method not listed above that is sufficient to demonstrate compliance with this
972 Section; or
973
- 974 g) An appropriate combination of the above methods, as typically used for a coating
975 or printing line equipped with a control device, where the available emissions are
976 determined by material balance and the control efficiency is determined by
977 representative testing.
978

979 **Section 205.335 Sampling, Testing, Monitoring and Recordkeeping Practices**
980

981 The owner or operator of a participating source or new participating source shall conduct
982 sampling, perform testing, conduct monitoring and maintain records as needed to support its
983 method for determining seasonal emissions in accordance with Section 205.330 of this Subpart
984 and to demonstrate compliance with this Part. Such sampling, testing, monitoring and
985 recordkeeping shall be, at a minimum, as stringent as that required by any applicable requirement
986 and any permit condition. The Agency shall establish the practices applicable to each such
987 source in the source's CAAPP permit or FESOP.
988

989 **Section 205.337 Changes in Emission Determination Methods and Sampling, Testing,
990 Monitoring and Recordkeeping Practices**
991

- 992 a) The methods used for determining seasonal emissions from a source shall
993 generally be consistent with the methods used to determine its baseline emissions
994 unless the source's permit accommodates the use of alternate methods to
995 determine VOM emissions.
996
- 997 b) Modification of Methods and Practices
998
- 999 1) If a source proposes new or revised methods to determine VOM emissions
1000 or new or revised supporting practices for sampling, testing, monitoring or
1001 recordkeeping that differ significantly from the methods and practices
1002 specified by its current permit, the source shall obtain a revised CAAPP
1003 permit in accordance with the procedures specified in Section 39.5 of the
1004 Act [415 ILCS 5/39.5], or a revised FESOP, prior to relying on such
1005 methods and practices.
1006
- 1007 2) The Agency shall issue a revised permit if it finds, based upon submission

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1008 of an appropriate permit application, that the proposed methods or
1009 practices are needed or appropriate to address changes in the operation of
1010 the source or emission units that were not considered when the current
1011 permit was issued, that the proposed methods and procedures will not
1012 significantly affect the determination of actual seasonal emissions, or that
1013 the proposed methods and procedures incorporate new or improved
1014 analytical techniques or estimation methods that will increase the accuracy
1015 with which actual seasonal emissions are determined, and other applicable
1016 requirements for issuance of a revised permit are met.
1017

1018 3) If the Agency approves the use of a modified method or practice, the
1019 Agency is authorized to determine a corrected baseline and thereafter issue
1020 ATUs in accordance with Section 205.400(c) of this Part pursuant to this
1021 corrected baseline.
1022

1023 SUBPART D: SEASONAL EMISSIONS MANAGEMENT
1024

1025 **Section 205.400 Seasonal Emissions Allotment**
1026

- 1027 a) Each participating source shall receive an allotment which shall be issued by the
1028 Agency and distributed in ATUs.
1029
- 1030 b) Except for ATUs issued pursuant to Sections 205.500 and 205.510 of this Part,
1031 ATUs issued for any seasonal allotment period are valid for use during the
1032 seasonal allotment period following issuance and the next succeeding seasonal
1033 allotment period. All ATUs shall be valid until such ATUs expire or are retired.
1034
- 1035 c) The initial allotment for each participating source shall be based on the baseline
1036 emissions for such source, as determined in accordance with Section 205.320 of
1037 this Part, and shall be reduced by 12 percent in 1999 or in such other year that a
1038 source is issued its initial allotment, except as provided in Section 205.405 of this
1039 Subpart.
1040
- 1041 d) Except as provided in Section 205.337(b)(3) of this Part and subsections (c) and
1042 (e) of this Section, allotments shall remain at 1999 or initial levels unless the
1043 Agency makes a demonstration to the Board, in accordance with the rulemaking
1044 provisions of Sections 9.8, 27 and 28 of the Act [415 ILCS 5/9.8, 27 and 28], that
1045 further reductions are needed. An allotment or a baseline under this Part does not
1046 constitute a property right. Nothing in this Part shall be construed to limit the
1047 authority of the Board to terminate or limit such allotment or baseline pursuant to
1048 its rulemaking authority under Sections 9.8, 27 and 28 of the Act [415 ILCS 5/9.8,

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- 1049 27 and 28].
1050
1051 e) If the baseline emissions for any participating source are increased in accordance
1052 with Section 205.320(f) of this Part, the allotment shall be increased by the
1053 modified portion of the baseline emissions amount, reduced by 12 percent, except
1054 as provided in Section 205.405 of this Subpart.
1055
1056 f) Except as provided in subsection (h) of this Section, any new participating source
1057 shall not be issued ATUs by the Agency, but shall be required to hold ATUs at
1058 the end of the reconciliation period as specified in Section 205.150(d) of this Part.
1059
1060 g) Any source existing as of May 1, 1999, which first becomes subject to the
1061 requirements of this Part because its seasonal emissions increase to 10 tons or
1062 more as a result of a major modification pursuant to 35 Ill. Adm. Code 203, in any
1063 seasonal allotment period beginning with 1999, shall not be allotted ATUs by the
1064 Agency for the VOM emissions attributable to this modification, except as
1065 provided in subsection (h) of this Section, but shall be allotted ATUs by the
1066 Agency based on its baseline emissions, as determined in accordance with Section
1067 205.320 of this Part. Any such participating source shall be required to hold
1068 ATUs at the end of the reconciliation period as specified in Section 205.150(c) of
1069 this Part, for each seasonal allotment period in which it is subject to this Part.
1070
1071 h) If a participating source or new participating source submits an ATU transfer
1072 agreement authorizing the transfer of ATUs for more than one year, as provided
1073 in Section 205.630(a)(2)(B) of this Part, the ATUs shall be automatically
1074 transferred by the Agency from the transferor's Transaction Account to the
1075 transferee's Transaction Account. Upon reopening or renewal of the CAAPP
1076 permit or FESOP for any such source, any multiple season transfer agreement that
1077 has three or more years of transfers remaining shall be identified in the renewed
1078 or reissued CAAPP permit or FESOP for each such source.
1079

1080 **Section 205.405 Exclusions from Further Reductions**
1081

- 1082 a) VOM emissions from the following emission units, if satisfying subsection(a)(1),
1083 (a)(2) or (a)(3) of this Section prior to May 1, 1999, shall be excluded from the
1084 VOM emissions reductions requirements specified in Section 205.400(c) and (e)
1085 of this Subpart as long as such emission units continue to satisfy subsection
1086 (a)(1), (a)(2) or (a)(3) of this Section:
1087
1088 1) Emission units that comply with any NESHAP or MACT standard
1089 promulgated pursuant to the CAA;

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- 2) Direct combustion emission units designed and used for comfort heating purposes, fuel combustion emission units and internal combustion engines; and
 - 3) An emission unit for which a LAER demonstration has been approved by the Agency on or after November 15, 1990.
 - b) When it is determined that an emission unit is using, prior to May 1, 1999, BAT for controlling VOM emissions, VOM emissions from such emission unit shall not be subject to the VOM emissions reductions requirement specified in Section 205.400(c) or (e) of this Subpart as long as such emission unit continues to use such BAT. The owner or operator of a source may request such exclusion from further reductions by providing the following information, in addition to the information required in Section 205.310 of this Part, in its ERMS application:
 - 1) Identification of each emission unit for which exclusion is requested, including the year of initial operation of such emission unit;
 - 2) Identification of all requirements applicable to the emission unit;
 - 3) A demonstration that the emission unit is using BAT for controlling VOM emissions;
 - 4) Identification of the permitted VOM emissions from the emission unit;
 - 5) VOM emissions from the emission unit for each seasonal allotment period used in the baseline emissions determination for the source; and
 - 6) A description and quantification of any reductions in VOM emissions that were achieved at the emission unit or source based on its use of BAT.
 - c) As part of its review of an ERMS application or application for a modified allotment, the Agency may determine that any such emission unit qualifies for exclusion from further reductions under subsection (a) or (b) of this Section. The Agency shall make its proposed determination in a draft CAAPP permit or FESOP subject to public notice and participation, accompanied by an explanation of its proposed action.

Section 205.410 Participating Source Shutdowns

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- 1131 a) If a participating source shuts down all operations at the source, and withdraws its
1132 permit or its permit is revoked or terminates, allotments issued to such a source
1133 for each seasonal allotment period after the shutdown occurred shall be subject to
1134 the following:
1135
- 1136 1) 80 percent of all such ATUs shall continue to be allotted to the owner or
1137 operator of such source or its duly authorized recipient; and
1138
- 1139 2) 20 percent of all such ATUs shall be issued to the ACMA.
1140
- 1141 b) Except as provided in subsection (c) of this Section, the owner or operator of any
1142 participating source that shuts down all operations, in accordance with subsection
1143 (a) of this Section, shall submit a written request to have its status changed to a
1144 general participant, upon withdrawal, revocation or termination of its permit.
1145
- 1146 c) The owner or operator of any participating source that shuts down all operations,
1147 in accordance with subsection (a) of this Section, may authorize the issuance of
1148 future ATUs to the Transaction Account of another participating source, new
1149 participating source or general participant by submitting a transfer agreement
1150 authorizing a permanent transfer of all future ATUs. The CAAPP permit or
1151 FESOP of any participating source or new participating source designated to
1152 receive future allotments of ATUs pursuant to such a transfer agreement shall be
1153 modified to reflect this transfer upon reopening or renewal. Any ATUs issued
1154 pursuant to a transfer agreement entered into under this subsection before shut
1155 down of all operations of the participating source shall not be subject to
1156 subsection (a) of this Section.
1157

1158 SUBPART E: ALTERNATIVE ATU GENERATION
1159

1160 **Section 205.500 Emissions Reduction Generator**
1161

1162 Any participating source, new participating source or general participant may submit a proposal
1163 for issuance of ATUs to it based on VOM emissions reductions, as specified in subsection (a) of
1164 this Section, achieved by any source or group of sources located in the Chicago area with an
1165 operating permit(s) other than a participating source or new participating source. The owner or
1166 operator of each source from which the VOM emissions reductions have been or will be
1167 achieved shall certify its acceptance of the terms of the proposal and that it has achieved or will
1168 achieve the emissions reductions specified in the proposal. An emissions reduction generator
1169 may apply for a modification to its operating permit to incorporate limitations that make the
1170 VOM emissions reductions specified in the relevant proposal enforceable.
1171

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- 1172 a) ATUs will only be issued pursuant to this Section if based on actual VOM
1173 emissions reductions that meet one or more of the following:
1174
- 1175 1) If, based on the same actual production rate, VOM emissions at the source
1176 for any seasonal allotment period beginning in 1999 are or will be lower
1177 due to the use of technology or materials at the source than if operating at
1178 the same production rate at the emissions level allowed by applicable
1179 requirements effective in 1996 or any requirements included in the State
1180 Implementation Plan, provided such reductions occurred after 1990;
1181
- 1182 2) The source shuts down a portion or all of its operation(s) after 1996 and
1183 withdraws the relevant operating permit(s), provided the VOM emissions
1184 from the shut down activity or activities will not be distributed elsewhere
1185 within the Chicago area;
1186
- 1187 3) The source(s) curtails its seasonal production activity resulting in an actual
1188 reduction in VOM emissions during any seasonal allotment period
1189 beginning in 1999, provided the VOM emissions from the curtailment will
1190 not be distributed elsewhere within the Chicago area. Such emissions
1191 reduction shall be based on the difference between the average production
1192 level for the two seasonal allotment periods prior to the year of curtailment
1193 and the curtailed production level, calculated at the VOM emission rate
1194 allowed by applicable requirements effective in 1996; or
1195
- 1196 4) The source shuts down operations or curtails seasonal production activity
1197 as described in subsections (a)(2) and (a)(3) of this Section, respectively,
1198 and the VOM emissions from the shut down activity or activities or
1199 curtailment will be distributed to a participating or new participating
1200 source or sources within the Chicago area, and the proposal provides that
1201 all ATUs issued pursuant to this Section on account of such shut down or
1202 curtailment are to be issued to the corresponding participating or new
1203 participating source or sources.
1204
- 1205 b) If any proposal is based on a shut down of operations, as specified in subsection
1206 (a)(2) of this Section, that results in seasonal emissions reductions of 10 tons or
1207 more, 20 percent of ATUs issued based on such an emissions reduction generator
1208 proposal shall be allocated to the ACMA.
1209
- 1210 c) Any proposal based on seasonal emissions reductions of 10 tons or more and the
1211 Agency's approval thereof shall be subject to the public notice requirements in
1212 accordance with the regulations governing CAAPP permit or FESOP issuance.

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- d) Any proposal submitted shall include the following:
 - 1) Information identifying the source(s) from which the VOM emissions reductions has been or will be achieved and its owner or operator;
 - 2) An explanation of the method used to achieve the VOM emissions reductions;
 - 3) Relevant information describing the nature of the underlying activity that generated the VOM emissions and the relationship of the units at which the VOM emissions reduction occurred to other units or sources performing the same or related activity in the Chicago area, if the VOM emissions reduction is attributable to a partial or complete source shutdown or a production curtailment, as specified in subsection (a)(2), (a)(3) or (a)(4) of this Section;
 - 4) The amount of VOM emissions for the two seasonal allotment periods prior to the year(s) of curtailment, including supporting calculations, if the VOM emissions reduction is attributable to a production curtailment as specified in subsection (a)(3) or (a)(4) of this Section;
 - 5) The amount of the VOM emissions reduction, including supporting calculations and documentation, such as material usage information;
 - 6) The name and address of the participating source(s), new participating source(s) or general participant(s) to which ATUs will be issued, including the name and telephone number of the account officer for such source or participant; and
 - 7) The owner or operator of each proposed emission reduction generator shall certify its acceptance of the terms of the proposal and certify that it has achieved or will achieve the emissions reductions specified in the proposal.
 - e) The owner or operator of any emissions reduction generator may modify its operating permit to incorporate limitations that make the VOM emissions reductions specified in the relevant proposal enforceable.
 - f) If the emissions reduction generator does not modify its permit, as specified in subsection (e) of this Section, or experiences a shutdown, as specified in

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1254 subsection (a)(2) or (a)(4) of this Section, and the proposal is submitted prior to
1255 the availability of actual VOM emissions data from the relevant seasonal
1256 allotment period, the Agency shall determine if the proposal is acceptable on a
1257 preliminary basis and provide notification of this determination. The Agency
1258 shall not issue final approval, in accordance with subsection (g) of this Section, of
1259 any such proposal until the actual VOM emissions data is submitted.
1260

1261 g) The Agency shall notify the participating source, new participating source or
1262 general participant in writing of its final decision with respect to the proposal
1263 within 45 days after receipt of such proposal or receipt of VOM emissions data to
1264 verify that the specified reductions occurred, whichever occurs later. If the
1265 Agency denies or conditionally approves a proposal, this written notice shall
1266 include a statement of the specific reasons for denying or modifying the proposal.
1267 The Agency's determination as to the approvability of any proposal submitted
1268 pursuant to this Section is subject to review by the Board as provided at 35 Ill.
1269 Adm. Code 105.102, provided the proposed emissions reduction generator is not
1270 requesting a permit revision. If such a permit revision is requested, the applicable
1271 permit review and appeal procedures shall apply.
1272

1273 h) If the Agency deems that the proposal is sufficient to receive final approval, the
1274 Agency shall issue ATUs in accordance with the following:
1275

1276 1) Any ATUs issued pursuant to this subsection shall be issued to the
1277 participating source(s), new participating source(s) or general participant
1278 identified in the proposal;
1279

1280 2) If the emissions reduction generator modifies its operating permit as
1281 specified in subsection (e) of this Section, to incorporate limitations that
1282 make the VOM emissions reductions specified in the relevant proposal
1283 enforceable, ATUs shall be issued on the date such source is required to
1284 comply with the limitations in the permit and for each seasonal allotment
1285 period thereafter in which the VOM emissions reductions are required by
1286 the source's permit;
1287

1288 3) If the proposal is based on a partial or complete shut down, as specified in
1289 subsection (a)(2) or (a)(4) of this Section, ATUs shall be issued before the
1290 seasonal allotment period for each year specified in the proposal;
1291

1292 4) If the emissions reduction generator does not modify its permit and the
1293 proposal is submitted prior to the availability of actual VOM emissions
1294 data from the relevant seasonal allotment period(s), the Agency shall issue

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- 1295 ATUs upon final approval which shall occur after actual VOM emissions
1296 data is evaluated for the relevant seasonal allotment period;
1297
1298 5) If the emissions reduction generator includes information on actual VOM
1299 emissions reductions during the seasonal allotment period for which
1300 ATUs are sought, ATUs will be issued by the Agency upon final approval
1301 of the proposal;
1302
1303 6) Except as provided in subsection (h)(7) of this Section, ATUs issued
1304 pursuant to this subsection shall only be valid for the seasonal allotment
1305 period in which the emissions reductions were achieved;
1306
1307 7) If the VOM emissions reductions specified in a proposal are incorporated
1308 into the emissions reduction generator's permit or, if the emissions
1309 reduction generator shuts down all or a portion of its operations and
1310 withdraws all relevant operating permits, ATUs issued pursuant to this
1311 subsection shall be valid for the seasonal allotment period following
1312 issuance and for the next seasonal allotment period; and
1313
1314 8) The number of ATUs issued pursuant to subsection (h)(2) or (h)(3) of this
1315 Section based on a proposal under subsection (a)(4) of this Section shall
1316 be equal to the number of ATUs otherwise issuable under this Section
1317 reduced by 12 percent.
1318

1319 **Section 205.510 Inter-Sector Transaction**
1320

1321 Any person may submit a proposal to the Agency to have ATUs issued to the Transaction
1322 Account of a participating source, new participating source or general participant equivalent to
1323 VOM emissions reductions from mobile sources or area sources in the Chicago area. Any such
1324 proposal for the VOM emissions reduction project is subject to Agency review and approval,
1325 shall be consistent with laws and regulations and shall include all supporting documentation.
1326 The Agency shall review all such proposals in accordance with the following:
1327

- 1328 a) Regulatory Based Proposal
1329 If the VOM emission reductions that have been generated or will be generated are
1330 pursuant to a regulation that provides the procedure to determine VOM emissions
1331 reductions and allows for such reductions to be converted to ATUs, the Agency
1332 shall approve the proposal if based on the provisions of the applicable regulation.
1333 The Agency shall approve, conditionally approve or deny any complete and
1334 adequately supported proposal within 45 days after the Agency's receipt thereof
1335 by sending written notification of its decision. If the Agency denies or

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1336 conditionally approves a proposal, this written notice shall include a statement of
1337 the specific reasons for denying or modifying the proposal.
1338

1339 b) Other Proposals

1340 If the proposal is based on VOM emissions reductions that have been generated or
1341 will be generated which are beyond VOM emissions reductions required by any
1342 mandatory applicable rules, the proposal shall include an explanation of the
1343 method(s) used to achieve the VOM emissions reductions and the method(s) used
1344 to quantify the VOM emissions reductions, including supporting documentation
1345 and calculations. The Agency shall evaluate the validity of VOM emission
1346 reductions that allegedly were generated or will be generated and approve,
1347 conditionally approve or deny any complete proposal within 90 days after the
1348 Agency's receipt by sending written notification of its decision to the source. If
1349 the Agency denies or conditionally approves a proposal, this written notice shall
1350 include a statement of the specific reasons for denying or modifying the proposal.
1351

1352 c) No ATUs shall be issued based on mobile or area source VOM emissions
1353 reductions unless a proposal, in accordance with this Section, has been approved
1354 by the Agency.
1355

1356 d) All ATUs issued pursuant to a proposal approved pursuant to this Section shall be
1357 issued to the Transaction Account identified in the proposal. Such ATUs shall
1358 only be valid for the seasonal allotment period in which the emissions reductions
1359 were achieved, unless the Agency specifies in its approval that such ATUs shall
1360 be valid for the seasonal allotment period following issuance and for the next
1361 seasonal allotment period.
1362

1363 e) The Agency's determination that a proposal submitted pursuant to this Section is
1364 denied or conditionally approved is subject to review by the Board as provided at
1365 35 Ill. Adm. Code 105.102.
1366

1367 SUBPART F: MARKET TRANSACTIONS
1368

1369 **Section 205.600 ERMS Database**
1370

1371 a) The Agency or its designee shall maintain a bulletin board that shall be available
1372 for public access on which a listing of the status of ATUs will be posted. Other
1373 public information and notices will also be posted and participating sources, new
1374 participating sources and general participants may post ATUs available for
1375 purchase or wanted for purchase. The bulletin board shall include the following
1376 information on ATUs:

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- 1) Date issued and source issued to;
 - 2) Where applicable, date transferred and source or person transferred to;
 - 3) Status of ATUs in each account, i.e., available for use, or date retired or date expired; and
 - 4) Posted each week during the reconciliation period and no less than monthly at all other times, the average price paid for ATUs transferred the previous week or the previous month, as appropriate.
- b) The Agency or its designee shall maintain a Transaction Account database. Information contained on this database shall be considered the official record of the ERMS. Account officer(s) may request status updates for accounts for which they are designated. The database shall include information on all ATUs held in each account.
- c) The Agency or its designee shall separately maintain a listing of all ATUs expired or retired within the most recent five years, including the date of ~~expiration~~expiration or retirement.

1399 **Section 205.610 Application for Transaction Account**
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- a) Each participating source, new participating source and general participant shall apply for and obtain authorization for a Transaction Account from the Agency prior to conducting any market transactions. Each participating source shall submit to the Agency its completed application for a Transaction Account no later than 30 days prior to the beginning of the first seasonal allotment period in which the source is required to participate. Each new participating source shall submit to the Agency its completed application for a Transaction Account no later than 30 days prior to the beginning of the first seasonal allotment period in which it is operational.
 - b) Each Transaction Account application shall include the following information:
 - 1) The name and address of the participating source, new participating source or general participant, and the name and address of its owner or operator;
 - 2) The names and addresses of all designated account officers;

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- 1418 3) The certification specified in Section 205.620(a)(5) of this Subpart signed
1419 by each account officer; and
1420
- 1421 4) For a participating source or new participating source, identification of the
1422 CAAPP permit or FESOP number for the source.
1423
- 1424 c) Special Participants
1425 Any person may purchase ATUs to retire for air quality benefit only. Such person
1426 shall be a special participant and shall register with the Agency prior to its first
1427 ATU purchase. Special participants will not have Transaction Accounts in the
1428 Transaction Account database. All ATUs purchased by special participants will
1429 be retired effective on the date of purchase and will be listed as retired in the
1430 appropriate database.
1431
- 1432 d) Special participants will be given a registration number by the Agency so that
1433 their purchases of ATUs can be recorded.
1434

1435 **Section 205.620 Account Officer**
1436

- 1437 a) Each participating source, new participating source or general participant must
1438 have at least one account officer designated for each of its Transaction Accounts.
1439 The account officer(s) shall be the only person(s) authorized to make ATU
1440 transactions involving such designated Transaction Account. At least one
1441 account officer must certify each official document that pertains to a designated
1442 Transaction Account or associated market transactions. Account officers may be
1443 employees or contractors of participating sources, new participating sources or
1444 general participants. No participating source, new participating source or general
1445 participant may engage in ATU transactions if it does not have an account officer
1446 approved by the Agency. Each account officer shall satisfy all of the following:
1447
- 1448 1) Be at least 18 years of age;
1449
- 1450 2) Be an American citizen or a legal alien;
1451
- 1452 3) Have not been convicted of or had a final judgment entered against him or
1453 her in any State or federal court for a violation of State or federal air
1454 pollution laws or regulations, or for fraud;
1455
- 1456 4) Be scheduled to attend the next scheduled training program or has already
1457 completed the program; and
1458

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- 1459 5) Certify to the following statement as a part of the relevant Transaction
1460 Account application:
1461
1462 I certify that I satisfy all of the requirements for an account officer. I am
1463 aware that I may be disqualified from acting as an account officer in the
1464 State of Illinois, pursuant to 35 Ill. Adm. Code 205, if any information
1465 submitted in this application is determined to be false or misleading.
1466
- 1467 b) Account Officer Training Program
1468
1469 Except as provided in subsection (d) of this Section, each candidate must
1470 satisfactorily complete the training program for account officers conducted by the
1471 Agency or its designee prior to acting as an account officer.
1472
- 1473 1) To attend the account officer training program, a person must enroll with
1474 the Agency prior to the date for the next scheduled training program.
1475
- 1476 2) The training program shall cover, at a minimum, the following topics: an
1477 overview of the ERMS, forms for the ERMS, market transaction
1478 procedures, and operation of the ERMS databases.
1479
- 1480 3) The account officer training program will be offered at least once
1481 annually, and may be offered more frequently, depending upon demand.
1482 The Agency or its designee shall publish advance notice of the time, date
1483 and location for each training program.
1484
- 1485 c) Disclaimer
1486
1487 The Agency and the State of Illinois do not endorse or guarantee the conduct or
1488 quality of work by account officers who have been approved by the Agency, nor
1489 does it endorse or guarantee the validity of any representations or ERMS market
1490 transactions offered or made by account officers who have been approved by the
1491 Agency.
1492
- 1493 d) Expedited Approval of Account Officer
1494
1495 In the event that an account officer unexpectedly leaves that position, the
1496 participating source, new participating source or general participant may request
1497 permission from the Agency to allow for a new account officer for up to one year,
1498 provided the participating source, new participating source or general participant
1499 submits a written certification in accordance with subsection (a)(5) of this Section

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1500 and affirms that the candidate for expedited approval by the Agency shall
1501 complete the training program, in accordance with subsection (b) of this Section,
1502 no later than one year from the date the expedited approval is requested.
1503

1504 **Section 205.630 ATU Transaction Procedures**
1505

1506 Recognized sales and purchases of ATUs may be made between any two Transaction Accounts
1507 or from a Transaction Account to the ACMA. A sale of ATUs may also be made from a
1508 Transaction Account to a special participant. No sale of ATUs shall be recognized from a
1509 special participant to any other person.
1510

- 1511 a) Transfer of ATUs shall be subject to the following requirements:
1512
- 1513 1) Transfers between Transaction Accounts may only be made by the account
1514 officers for both accounts;
1515
 - 1516 2) All ATU transfers shall be duly authorized by the account officers for both
1517 Transaction Accounts, or, if the ATUs are being transferred to a special
1518 participant, the account officer of the Transaction Account of the
1519 transferor and a representative of the special participant;
1520
 - 1521 A) Duly authorized ATU transfers shall identify the ATU(s) involved
1522 in the transaction;
1523
 - 1524 B) Written ATU transfer agreements signed by the account officers
1525 for both Transaction Accounts may authorize the transfer of ATUs
1526 for more than one season. If a transfer agreement authorizes the
1527 future transfer of ATUs for any season for which ATUs have not
1528 yet been issued for use, the ATUs shall be automatically
1529 transferred to the buyer's Transaction Account for each year such
1530 transfer is authorized pursuant to the transfer agreement, in which
1531 case the account officers for each Transaction Account will be
1532 notified of this transfer;
1533
 - 1534 3) No transfer shall be considered official for purposes of the ERMS until
1535 entered into the Transaction Account database;
1536
 - 1537 4) The Agency or its designee shall enter ATU transfers into the Transaction
1538 Account database within one week of the Agency receiving notification of
1539 a duly authorized ATU transfer; and
1540

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- 1541 5) Any ATU transfer agreements entered into after December 31 of a given
1542 year may not be used by the buyer to cover emissions from the preceding
1543 seasonal allotment period, but may only be used prospectively.
1544
- 1545 b) The account officers involved in ATU transfers shall report the purchase price for
1546 all ATU transfers to the Agency or its designee and shall indicate whether
1547 consideration other than the purchase price reported was involved in the transfer.
1548
- 1549 c) Transaction Requirements
1550
- 1551 1) Expired or retired ATUs may not be bought or sold;
1552
- 1553 2) The Transaction Account database must show ATUs proposed for transfer
1554 as being held by the selling entity. After such transfer is official as
1555 specified in subsection (a)(3) of this Section, the transferee's Transaction
1556 Account will show the ATUs subject to such transfer as being held in this
1557 Transaction Account;
1558
- 1559 3) The minimum sale allowed under the ERMS shall be one ATU; and
1560
- 1561 4) No sale may include partial ATUs.
1562
- 1563 d) Official Record of Transactions
1564
- 1565 1) The official record of all ATU transactions and the current status of all
1566 ATUs shall be the Transaction Account database.
1567
- 1568 2) Account officers shall be allowed to inspect their Transaction Account(s)
1569 in the Transaction Account database. Any discrepancies found by the
1570 account officer shall be reported to the Agency or its designee along with a
1571 request for correction. All data supporting such request shall be sent along
1572 with the request for correction. A request for correction may not be used
1573 to alter an allotment.
1574
- 1575 3) After the end of each reconciliation period, the Agency shall retire ATUs
1576 in the Transaction Account of each participating source or new
1577 participating source in the amount specified in Section 205.150(c) or (d) of
1578 this Part. If the source does not have sufficient ATUs in its Transaction
1579 Account to account for its VOM emissions from the preceding seasonal
1580 allotment period, the source shall be subject to emissions excursion
1581 compensation in accordance with Section 205.720 of this Part. ATUs

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1582 shall be retired in order of issuance, unless the account officer for the
1583 Transaction Account notifies the Agency in writing to specify which
1584 ATUs in the Transaction Account should be retired.
1585

1586 SUBPART G: PERFORMANCE ACCOUNTABILITY
1587

1588 **Section 205.700 Compliance Accounting**
1589

1590 a) The owner or operator of each participating source or new participating source
1591 shall maintain and retain for five years at the source or at another location agreed
1592 to by the Agency, in conjunction with the records it maintains to demonstrate
1593 compliance with its CAAPP permit or FESOP, all of the following documents as
1594 its compliance master file:
1595

- 1596 1) A copy of its seasonal component of its Annual Emissions Report;
- 1597
- 1598 2) Information on actual VOM emissions, as recorded in accordance with
1599 Section 205.335 of this Part, and as required by the CAAPP permit or
1600 FESOP for the source; and
- 1601
- 1602 3) Copies of any transfer agreements for the purchase or sale of ATUs and
1603 other documentation associated with the transfer of ATUs.
1604

1605 b) Compliance Master File Review
1606

- 1607 1) The owner or operator of each participating source or new participating
1608 source shall allow the Agency or an authorized representative to enter and
1609 inspect the premises as described by Section 39.5(7)(p)(ii) of the Act [415
1610 ILCS 5/39.5(7)(p)(ii)] and to review its compliance master file.
1611
- 1612 2) After the conclusion of each compliance master file review, a report shall
1613 be prepared by the Agency and issued to the inspected source that includes
1614 the following information:
1615
 - 1616 A) An identification of any noncompliance with the requirements of
1617 this Part; and
1618
 - 1619 B) An evaluation of increases and decreases in seasonal emissions of
1620 VOMs that are also hazardous air pollutants, as related to ATU
1621 transactions.
1622

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1623 3) Nothing in this Part shall affect any other obligations of a source to allow
1624 inspection(s) under State or federal laws or regulations.
1625

Section 205.710 Alternative Compliance Market Account (ACMA)

1626
1627
1628 a) The Agency or its designee shall operate the ACMA. The purpose of the ACMA
1629 is to serve as a secondary source of ATUs that may be purchased by participating
1630 sources and new participating sources, as specified in this Section.
1631

1632 b) The ATUs in the ACMA will have an indefinite life so long as they remain in the
1633 ACMA, but, once purchased, must be used either for the preceding or next
1634 seasonal allotment period. If these ATUs are not used for compliance in that
1635 seasonal allotment period, they will expire.
1636

1637 c) ATUs in an amount equal to one percent of each year's allotment shall be issued
1638 to the ACMA, beginning in 1999. In addition, ATUs shall be deposited into the
1639 ACMA due to source shutdowns, as specified in Sections 205.410(a) and
1640 205.500(b) of this Part. ATUs for the ACMA may also be obtained by the
1641 Agency in the following ways:
1642

1643 1) The Agency or its designee is authorized to accept voluntary contributions
1644 of ATUs from participating sources or other persons for deposit into the
1645 ACMA.
1646

1647 2) The Agency is authorized to deposit ATUs from its purchase of ATUs or
1648 to deposit ATUs created from emissions reductions it generates beyond
1649 reductions otherwise required by statute or regulation for attainment of the
1650 NAAQS for ozone.
1651

1652 d) Regular Access to ACMA
1653

1654 1) Regular access to the ACMA shall be available when there is sufficient
1655 positive balance of ATUs to supply the requesting source. Any
1656 participating source or new participating source may apply to the Agency
1657 during the reconciliation period for regular access to the ACMA to
1658 purchase ATUs for the preceding seasonal allotment period.
1659

1660 2) Within 15 days after receipt of any request for regular access to the
1661 ACMA, the Agency shall notify the source if regular access to the ACMA
1662 is available or if there are insufficient ATUs in the ACMA for regular
1663 access. The Agency shall also advise any participating source that special

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- 1664 access is available when regular access is unavailable.
1665
1666 3) After being granted regular access to the ACMA by the Agency, a
1667 participating source or new participating source may purchase ATUs from
1668 the ACMA at the rate of \$1,000 per ATU or 1.5 times the average market
1669 price, as determined by the Agency, whichever is less. ATUs shall only be
1670 available at 1.5 times the market price if sufficient single season ATUs
1671 transfers have occurred with a purchase price that fully reflects the
1672 consideration involved in the transfer to establish an average market price.
1673 All payments for ATUs from the ACMA shall be made to the Agency or
1674 the Agency's designee for deposit into the Alternative Compliance Market
1675 Account Fund.
1676
- 1677 e) Special Access to ACMA
1678
1679 Special access to the ACMA shall be available to participating sources, in
1680 accordance with this subsection, when the ACMA balance is not sufficient to
1681 meet the needs of requesting participating sources.
1682
- 1683 1) The Agency shall credit the ACMA with up to one percent of ATUs from
1684 the seasonal allotment for the next seasonal allotment period as an
1685 advance to provide assistance for special access to be granted, as provided
1686 in subsection (e)(2) of this Section. Special access to the ACMA shall
1687 only be allowed to the extent that such access does not exceed this one
1688 percent of the next seasonal allotment.
1689
- 1690 2) To the extent allowed pursuant to subsection (e)(1) of this Section, the
1691 Agency shall grant special access to the ACMA to any participating source
1692 if the source submits a written request demonstrating that the following
1693 exist:
1694
- 1695 A) During the reconciliation period the source has not been able to
1696 obtain regular access to the ACMA and has not been able to obtain
1697 ATUs in the market; and
1698
- 1699 B) Actual seasonal emissions have exceeded ATUs held by the source
1700 for the applicable seasonal allotment period.
1701
- 1702 3) After being granted special access to the ACMA, a participating source
1703 may purchase ATUs at the rate of \$1100 per ATU or 2 times the average
1704 market price, as determined by the Agency, whichever is less. ATUs shall

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1705 only be available at 2 times the market price if sufficient single season
1706 ATUs transfers have occurred with a purchase price that fully reflects the
1707 consideration involved in the transfer to establish an average market price.
1708 All payments for ATUs from the ACMA shall be made payable to the
1709 Agency or the Agency's designee for deposit into the Alternative
1710 Compliance Market Account Fund.
1711

1712 4) The Agency shall provide written notification, within 15 days after receipt
1713 of any request for special access to the ACMA, allowing or denying
1714 special access to the ACMA to any participating source requesting such
1715 access. If the Agency denies such access, this written notification shall
1716 include its reasons for denying access.
1717

1718 f) Special access to the ACMA will create a need to generate sufficient VOM
1719 emissions reductions during the subsequent calendar year to offset the ATUs
1720 distributed; in this instance, the Agency shall:
1721

1722 1) Offset these ATUs by crediting any expired ATUs from the Transaction
1723 Accounts of all ERMS participants to the ACMA after the end of the
1724 reconciliation period;
1725

1726 2) Seek to achieve an equivalent amount of VOM emissions reductions by
1727 the end of the subsequent year to offset these ATUs; or
1728

1729 3) Credit the ACMA with the one percent of ATUs, as needed, from the next
1730 seasonal allotment, as provided in subsection (e)(1) of this Section.
1731

1732 g) The Agency is authorized to use moneys derived from the sale of ATUs from the
1733 ACMA to develop and implement additional VOM emissions reductions. If the
1734 ACMA is operating without a positive balance, the Agency shall endeavor to
1735 generate new emissions reductions whenever possible.
1736

1737 h) Limitations on Operation of ACMA
1738

1739 The ability of new participating sources to obtain ATUs from the ACMA shall be
1740 limited through the seasonal allotment period of 2002, in the aggregate, to no
1741 more than 30 percent of the available ACMA balance at the start of each seasonal
1742 allotment period unless ATUs are available after access by all participating
1743 sources. In such case, new participating sources may obtain ATUs from the
1744 ACMA up to 50 percent of the available ACMA balance at the start of each
1745 seasonal allotment period.

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- i) If the Agency denies special access to the ACMA to any participating source, such source may petition the Board for review of the Agency's denial in accordance with the procedures specified at 35 Ill. Adm. Code 105.102.

Section 205.720 Emissions Excursion Compensation

The Agency shall obtain emissions excursion compensation from any participating source or new participating source that does not hold ATUs in accordance with Section 205.150(c) or (d) of this Part by the conclusion of the reconciliation period. For any ~~emissions~~emission excursion during 1999 by a participating or new participating source that was not issued a CAAPP permit before May 1, 1998, all references in subsections (b)(1) and (b)(3), (c) and (e) of this Section to 1.2 times the emissions excursion shall be 1.0 times the emissions excursion. The Agency shall obtain emissions excursion compensation pursuant to the following procedures.

- a) The Agency shall issue an Excursion Compensation Notice to any such source when an apparent emissions excursion is identified by the Agency.
- b) Except as provided in subsection (c) of this Section, the Excursion Compensation Notice shall require the source to provide compensation in the following manner:
 - 1) The participating source or new participating source shall purchase ATUs from the ACMA in an amount equivalent to 1.2 times the emissions excursion;
 - 2) For the second consecutive seasonal allotment period in which an emissions excursion occurred, the participating source or new participating source shall purchase ATUs from the ACMA in an amount equivalent to 1.5 times the emissions excursion; or
 - 3) If the ACMA balance is not adequate to cover 1.2 times or, when required, 1.5 times the total emissions excursion amount, the Agency shall deduct ATUs equivalent to 1.2 times or, when required, 1.5 times the total emissions excursion or any remaining portion thereof from the source's next allotment of ATUs.
- c) Within 15 days after receipt of an Excursion Compensation Notice, the owner or operator of the subject source may apply to the Agency to request that ATUs in an amount equivalent to 1.2 times or, when required, 1.5 times the emissions excursion be deducted from the source's next seasonal allotment, rather than acquired from the ACMA.

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- 1787
1788 d) Any source issued an Excursion Compensation Notice may contest the Agency's
1789 findings by filing a petition with the Board requesting review of the Emissions
1790 Excursion Compensation Notice in accordance with the procedures specified in
1791 35 Ill. Adm. Code 105.102.
1792
1793 e) If any source contests the Agency's findings in the Excursion Compensation
1794 Notice, the Agency shall withhold ATUs in an amount equivalent to 1.2 times or,
1795 when required, 1.5 times the amount of the alleged emissions excursion from the
1796 source's next seasonal allotment. These ATUs shall be withheld until the Board
1797 issues a final order resolving the source's petition contesting the Agency's
1798 Excursion Compensation Notice. If the source prevails before the Board, the
1799 ATUs withheld shall be transferred to the source's Transaction Account. If the
1800 Agency prevails before the Board, the ATUs withheld shall be retired to offset the
1801 emissions excursion.
1802
1803 f) Sources that provide emissions excursion compensation pursuant to this Section
1804 shall not be subject to enforcement authority granted to the State or any person
1805 under applicable State or federal laws or regulations or any permit conditions.
1806 The enforcement authority of the State or any person is only limited by this
1807 subsection as it applies to an emissions excursion.
1808

1809 **Section 205.730 Excursion Reporting**
1810

1811 Upon issuance of each Excursion Compensation Notice to any source that has already had one
1812 previous admitted or adjudicated emissions excursion, the source shall submit to the Agency any
1813 additional reports required by the source's CAAPP permit or FESOP.
1814

1815 **Section 205.740 Enforcement Authority**
1816

1817 Except as provided in Section 205.720(f) of this Subpart, nothing in this Part limits the State's
1818 authority to seek penalties and injunctive relief for any violation of any applicable State law or
1819 regulation or any permit condition, as otherwise provided in the Act. Nothing in this Part limits
1820 the right of the federal government or any person to directly enforce against actions or omissions
1821 which constitute violations of permits required by the Clean Air Act or applicable federal
1822 environmental laws and regulations.
1823

1824 **Section 205.750 Emergency Conditions**
1825

1826 VOM emissions that are a consequence of an emergency, and are in excess of the
1827 technology-based emission rates which are achieved during normal operating conditions, to the

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1828 extent that such excess emissions are not caused by improperly designed equipment, lack of
1829 preventative maintenance, careless or improper operation, or operation error, shall be deducted
1830 from the calculation of actual VOM emissions during the seasonal allotment period in which the
1831 emergency occurred, subject to the following:
1832

1833 a) The owner or operator of the participating source or new participating source shall
1834 submit an initial emergency conditions report to the Agency within two days after
1835 the time when such excess emissions occurred due to the emergency. The
1836 submittal of this initial emergency conditions report shall be sufficient to fulfill
1837 the notice requirements of Section 39.5(7)(k) of the Act [415 ILCS 5/39.5(7)(k)]
1838 as it relates to VOM emissions at the source if the report provides a detailed
1839 description of the emergency, any steps taken to mitigate emissions and corrective
1840 actions taken, to the extent practicable. The final report shall contain the
1841 following information:
1842

- 1843 1) A description of the cause(s) of the emergency and the duration of the
1844 episode;
1845
- 1846 2) Verification that the source was being operated properly at the time of the
1847 emergency;
1848
- 1849 3) A demonstration that the source took all reasonable steps to minimize
1850 excess VOM emissions during the emergency period, including but not
1851 limited to the following actions, if technically and economically feasible:
1852
- 1853 A) The level of operation of the affected emission unit(s) was
1854 minimized;
1855
- 1856 B) The level of emissions from the affected emission units(s) was
1857 minimized by use of alternative raw materials or alternative control
1858 measures;
1859
- 1860 C) The duration of the excess emissions was minimized; and
1861
- 1862 D) The amount of VOM emissions from other emission units at the
1863 source or other sources located in the Chicago area owned or
1864 operated by the person or entity were reduced;
1865
- 1866 4) A demonstration that appropriate corrective action(s) were taken
1867 promptly;
1868

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- 1869 5) A demonstration that the affected emission units were:
1870
1871 A) Being carefully and properly operated at the time of the
1872 emergency, including copies of appropriate records and other
1873 relevant evidence;
1874
1875 B) Properly designed; and
1876
1877 C) Properly maintained with appropriate preventative maintenance;
1878 and
1879
1880 6) An estimate of the amount of VOM emissions that occurred during the
1881 emergency in excess of the technology-based emission factor achieved
1882 during normal operating conditions, including supporting data, the
1883 relevant emissions factor, and calculations.
1884
1885 b) The owner or operator of any such source may supplement its initial emergency
1886 conditions report within 10 days after the conclusion of the emergency situation.
1887 If an initial emergency conditions report is not supplemented, such report is
1888 deemed the final emergency conditions report. If, however, an initial emergency
1889 conditions report is supplemented, the combination of such initial report plus the
1890 supplemental information is deemed the final emergency conditions report.
1891
1892 c) The Agency must approve, conditionally approve or reject the findings in the final
1893 emergency conditions report, submitted by the source, in writing within 45 days
1894 after receipt of the initial emergency conditions report, subject to the following:
1895
1896 1) If the Agency concurs with the emergency conditions report, the source is
1897 not required to hold ATUs for the excess VOM emissions attributable to
1898 the emergency;
1899
1900 2) If the Agency approves with conditions or rejects the emergency
1901 conditions report, the source shall be required to hold ATUs by the end of
1902 the reconciliation period in an amount not less than the emissions
1903 identified as excess in the emergency conditions report or provide
1904 emissions excursion compensation in accordance with Section 205.720 of
1905 this Subpart, if an emissions excursion occurred;
1906
1907 3) If the Agency approves with conditions an emergency conditions report,
1908 the Agency must identify in its written notice the amount of VOM
1909 emissions that are not attributable to an emergency; and

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- 4) If the Agency approves with conditions or rejects a source's emergency conditions report, the source may raise the emergency as an affirmative defense pursuant to Section 39.5(7)(k) of the Act [415 ILCS 5/39.5(7)(k)] in any action brought for noncompliance with this Part or an action brought to review the Agency's issuance of an Excursion Compensation Notice, as provided in Section 205.720(d) of this Subpart.
 - d) Nothing in this Section relieves any source of any obligation to comply with other applicable requirements, permit conditions, or other provisions addressing emergency situations.

Section 205.760 Market System Review Procedures

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Beginning in 2000, the Agency shall prepare an Annual Performance Review Report that addresses the effect of VOM emissions reductions in the Chicago area on progress toward meeting the RFP requirements and achieving attainment of the NAAQS for ozone by 2007.

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1950
- a) The Annual Performance Review Report will review trends and patterns which may have emerged in the operation of the ERMS, and shall include, but not be limited to, the following:
 - 1) Total aggregate VOM emissions during the previous seasonal allotment period;
 - 2) The number of ATUs retired for compliance purposes or for air quality benefit, currently being banked, or used by new participating sources for the previous seasonal allotment period;
 - 3) An evaluation of trading activities, including sources with no trading activity, sources that are net purchasers of ATUs and sources that are net sellers of ATUs;
 - 4) ACMA transactions since the preparation of the previous report and the account balance;
 - 5) A summary of emissions reduction generator and inter-sector proposals;
 - 6) Distribution of transactions by geographic area or character of source;
 - 7) Availability of ATUs for purchase;

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1962
- 8) The average market price for ATU transactions from the previous seasonal allotment period; and
 - 9) Trends and spatial distributions of hazardous air pollutants.
- b) The Agency shall prepare the Report by June 30 of the year following the seasonal allotment period addressed by the Report. The Agency will make copies of its Report available to interested parties upon request.

Summary report:	
Litera Compare for Word 11.8.0.56 Document comparison done on 3/27/2026 9:31:03 AM	
Style name: Quotes	
Intelligent Table Comparison: Active	
Original filename: 35-205RG-PR Agency 3.19.26.docx	
Modified filename: 35-205RG-PR JCAR 3-24-26.docx	
Changes:	
<u>Add</u>	17
Delete	34
Move From	0
<u>Move To</u>	0
<u>Table Insert</u>	1
Table Delete	0
<u>Table moves to</u>	0
Table moves from	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	0
Embedded Excel	0
Format changes	0
Total Changes:	52

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1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER b: ALTERNATIVE REDUCTION PROGRAMS
5

6 PART 207
7 VEHICLE SCRAPPAGE ACTIVITIES
8
9

10 SUBPART A: GENERAL PROVISIONS
11

12 Section
13 207.100 Purpose
14 207.102 Definitions
15 207.104 Severability
16

17 SUBPART B: APPLICABILITY
18

19 Section
20 207.200 Applicability
21

22 SUBPART C: REQUIREMENTS OF VEHICLE SCRAPPAGE
23 PROJECTS AND PROGRAMS
24

25 Section
26 207.300 Scope
27 207.302 Vehicle Scrappage Sponsors and Managers
28 207.304 Vehicle Eligibility
29 207.306 Vehicle Ownership
30 207.308 Notification of Intent to Retire Vehicles
31 207.310 Notification to Vehicle Collectors and Automotive Rebuilders and Suppliers
32 207.312 Operability Check
33 207.314 Collection and Testing
34 207.316 Disassembly, Recycling, and Disposal Based on Vehicle Scrappage Activities
35 207.318 Documentation Requirements
36

37 SUBPART D: OPTIONS FOR VEHICLE SCRAPPAGE
38 PROJECTS AND PROGRAMS
39

40 Section
41 207.400 Optional Project or Program Enhancements

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- 42 207.402 Targeting of Vehicles by Model Year
- 43 207.404 Targeting of High Emissions Vehicles
- 44 207.406 Targeting of High Usage Vehicles
- 45 207.408 Use of Enhanced Prescreening Inspection
- 46 207.410 Use of Evaporative System Integrity Test

47

48 SUBPART E: MEASUREMENT TECHNIQUES AND CER CALCULATION AND REVIEW

49

50 Section

- 51 207.500 Vehicle Scrappage as a Basis for CERs
- 52 207.502 Methods for Determining Emissions Reductions
- 53 207.504 CER Calculation Methodology
- 54 207.506 CER Adjustments
- 55 207.508 Remaining Useful Life of Vehicles and Lifetime of CERs
- 56 207.510 Submission and Agency Review of CER Claims
- 57 207.512 CERs Based on Agency-Sponsored Vehicle Scrappage Activities

58

59 SUBPART F: VEHICLE SCRAPPAGE PLAN CRITERIA, SUBMITTAL, REVIEW, AND
60 SUPPLEMENTAL NOTICE PROCEDURE

61

62 Section

- 63 207.600 Proposed Vehicle Scrappage Plans
- 64 207.602 Submittal of Proposed Vehicle Scrappage Plans
- 65 207.604 Notice of Proposed Vehicle Scrappage Plans
- 66 207.606 Agency Review of Proposed Vehicle Scrappage Plans
- 67 207.608 Notice of Commencement of Vehicle Scrappage Activities
- 68 207.610 Supplemental Notices Under Approved Vehicle Scrappage Plans
- 69 207.612 Plans for Agency-Sponsored Projects or Programs

70

71 SUBPART G: VEHICLE SCRAPPAGE SPONSOR AND MANAGER
72 ELIGIBILITY, TRAINING, AND APPLICATION PROCEDURE

73

74 Section

- 75 207.700 Qualifications for Vehicle Scrappage Managers
- 76 207.702 Financial Responsibility of Vehicle Scrappage Sponsors

77

78 SUBPART H: VEHICLE SCRAPPAGE PLAN FEES

79

80 Section

- 81 207.800 Vehicle Scrappage Plan and Plan Renewal Fees
- 82 207.802 Form of Payment

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- 83 207.804 Non-Refundability of Fees and Credits for Overpayments
- 84 207.806 Fee Exemption for Agency-Sponsored Vehicle Scrappage Projects or Programs

85

86

SUBPART I: ENFORCEMENT AND PENALTIES

87

88 Section

89 207.900 Enforcement

90 207.902 Agency Right of Inspection

91 207.904 Agency Right to Revoke Approval of Plan

92

93 AUTHORITY: Implementing and authorized by the Vehicle Emissions Inspection Law of 1995
94 [625 ILCS 5/13B-30(d)] and the Illinois Environmental Protection Act [415 ILCS 5/5, 10, 27, 28
95 and 39].

96

97 SOURCE: Adopted in R00-16 at 24 Ill. Reg. 8979, effective June 14, 2000; amended in R18-21
98 at 50 Ill. Reg. ~~_____~~, effective ~~_____~~ _____, effective _____.

99

100

SUBPART A: GENERAL PROVISIONS

101

102 **Section 207.100 Purpose**

103

104 a) This Part establishes procedures and performance requirements for conducting
105 vehicle scrappage activities within the State of Illinois to receive Creditable
106 Emissions Reductions (CERs).

107

108 b) This Part intends to:

109

110 1) Provide an option for regulated sources and interested parties to achieve
111 emissions reductions;

112

113 2) Ensure compatibility with applicable guidance for vehicle scrappage
114 activities developed by the United States Environmental Protection
115 Agency (USEPA);

116

117 3) Provide vehicle scrappage training to help ensure that vehicle scrappage
118 activities conducted to generate CERs are managed only by qualified
119 individuals; and

120

121 4) Strike an equitable balance among various parties that may be interested in
122 vehicle scrappage, including regulated sources, potential sponsors of
123 scrappage activities, owners of vehicles eligible to be scrapped, vehicle

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collectors, automotive rebuilders, and other interest groups.

(Source: Amended at 50 Ill. Reg. _____, effective _____, effective _____)

Section 207.102 Definitions

Unless otherwise specified in this Part and unless a different meaning of a term is clear from its context, the definitions for the terms in this Part are the same as those in the Environmental Protection Act [415 ILCS 5] or 35 Ill. Adm. Code 211 or 240. As used in this Part, the following terms have the meanings below:

- a) "Creditable Emissions Reductions" or "CER" means a unit of emissions reductions based on vehicle retirement activities complying with a vehicle scrappage plan approved by the Illinois Environmental Protection Agency (Agency).
- b) "Eligible vehicle" means any vehicle that qualifies for retirement in a vehicle scrappage project or program under Section 207.304.
- c) "Emissions-related parts" means the engine and other vehicle parts involved with fuel intake, combustion, exhaust, or controlling evaporation of fuel, which have a direct relation to the type or quantity of emissions produced by the vehicle.
- d) "IM240 Test" means a transient loaded mode exhaust test procedure, under 35 Ill. Adm. Code 276, designed to measure mass quantities of vehicle exhaust emissions of hydrocarbons, carbon monoxide, carbon dioxide, and nitrogen oxides generated during vehicle operation on a chassis dynamometer.
- e) "Light-duty truck 1" means a motor vehicle rated at 6,000 pounds maximum gross vehicle weight rate (GVWR) or less with a vehicle frontal area of 45 square feet or less, and which is:
 - 1) Designed primarily to transport property or derives from such a vehicle;
 - 2) Designed primarily to transport persons and has a capacity of more than 12 persons; or
 - 3) Available with special features enabling off-street or off-highway operation and use.

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- 165 **df)** "Light-duty truck 2" means a motor vehicle rated between 6,001 and 8,500
166 pounds maximum GVWR with a vehicle frontal area of 45 square feet or less, and
167 which is:
168
- 169 1) Designed primarily to transport property or derives from such a vehicle;
170
 - 171 2) Designed primarily to transport persons and has a capacity of more than
172 12 persons; or
173
 - 174 3) Available with special features enabling off-street or off-highway
175 operation and use.
176
- 177 **eg)** "Light-duty vehicle" means a passenger car or passenger car derivative capable of
178 seating 12 passengers or fewer.
179
- 180 **fh)** "Non-emissions-related parts" means vehicle parts not involved with fuel intake,
181 combustion, exhaust, or controlling evaporation of fuel, and which do not have a
182 direct relation to the type or quantity of emissions produced by the vehicle.
183
- 184 **gi)** "Recognized repair technician" means a person who:
185
- 186 **1-1)** Is engaged in vehicle repair;
187
 - 188 2) Is employed by a going concern whose purpose is repairing vehicles; or
189
 - 190 3) Possesses a nationally-recognized certification for emissions-related
191 diagnosis and repair.
192
- 193 **hj)** "Vehicle retirement" means rendering an eligible vehicle into a permanently
194 inoperable condition, in compliance with this Part and a vehicle scrappage plan.
195
- 196 **ik)** "Vehicle scrappage" means activities related to retiring eligible vehicles to receive
197 CERs under this Part.
198
- 199 **jl)** "Vehicle scrappage manager" means a natural person who satisfies all
200 qualification requirements in Section 207.700 and is eligible to conduct vehicle
201 scrappage activities under this Part.
202
- 203 **km)** "Vehicle scrappage plan" means a plan satisfying all applicable requirements of
204 Subpart F and approved or sponsored by the Agency, under which the vehicle
205 scrappage activities for the applicable vehicle scrappage project or program must

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206 be conducted.

207

208 ~~h~~) "Vehicle scrappage program" means periodic or ongoing vehicle scrappage
209 activities conducted in compliance with the applicable requirements of this Part
210 and a vehicle scrappage plan.

211

212 ~~m~~) "Vehicle scrappage project" means a one-time vehicle scrappage event conducted
213 in compliance with the applicable requirements of this Part and a vehicle
214 scrappage plan.

215

216 ~~n~~) "Vehicle scrappage sponsor" means any interested person or entity that satisfies
217 all the requirements of Section 207.702 and financially underwrites a vehicle
218 scrappage project or program conducted under this Part.

219

220 (Source: Amended at 50 Ill. Reg. ~~_____~~, ~~effective~~ ~~_____~~, effective
221 _____)

222

223 **Section 207.104 Severability**

224

225 If any Section, subsection, sentence, or clause of this Part is judged invalid, that adjudication
226 does not affect the validity of this Part as a whole or any Section, subsection, sentence, or clause
227 not judged invalid.

228

229 (Source: Amended at 50 Ill. Reg. ~~_____~~, ~~effective~~ ~~_____~~, effective
230 _____)

231

232 SUBPART B: APPLICABILITY

233

234 **Section 207.200 Applicability**

235

236 This Part applies to vehicle scrappage activities conducted in the State of Illinois to receive
237 CERs and to all persons or entities that are, or desire to be, vehicle scrappage managers,
238 sponsors, or other participants.

239

240 (Source: Amended at 50 Ill. Reg. ~~_____~~, ~~effective~~ ~~_____~~, effective
241 _____)

242

243 SUBPART C: REQUIREMENTS OF VEHICLE
244 SCRAPPAGE PROJECTS AND PROGRAMS

245

246 **Section 207.300 Scope**

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Each vehicle scrappage project or program conducted under this Part must satisfy the requirements in this Subpart.

(Source: Amended at 50 Ill. Reg. ~~_____~~, effective ~~_____~~, effective _____)

Section 207.302 Vehicle Scrappage Sponsors and Managers

Each vehicle scrappage project or program must be financially underwritten by a vehicle scrappage sponsor satisfying the requirements of Section 207.702, and must be directed by a vehicle scrappage manager satisfying the requirements of Section 207.700.

(Source: Amended at 50 Ill. Reg. ~~_____~~, effective ~~_____~~, effective _____)

Section 207.304 Vehicle Eligibility

Each vehicle that is retired in a vehicle scrappage project or program must satisfy the following criteria:

- a) a) Be a light-duty vehicle, light-duty truck 1, or light-duty truck 2;
- b) Not be from a model year 25 years old or older;
- c) Have been continuously registered with the Illinois Secretary of State for the 12-month period immediately before the date of its sale for use in a vehicle scrappage project or program;
- d) If the vehicle will be used to claim CERs intended to address a specific pollution problem (e.g., ozone nonattainment), the vehicle must have been registered at an address within an area where emissions reductions are required for the applicable pollutant or pollutant precursor for the 12-month period immediately before the date of its sale for use in a vehicle scrappage project or program;
- e) Be legally driven to the collection site and have the applicable equipment required to drive the vehicle on any highway under Chapter 12 of the Illinois Vehicle Code [625 ILCS 5/12];
- f) Be powered by a spark ignition internal combustion engine;

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- 288 g) Have arrived at the place of sale under its own power;
- 289
- 290 h) Have passed the operability check in Section 207.312; and
- 291
- 292 i) Comply with the Illinois vehicle emissions testing program under the Illinois
- 293 Vehicle Emissions Inspection Law of 2005 [625 ILCS 5/13C] and regulations
- 294 promulgated under it.
- 295

296 (Source: Amended at 50 Ill. Reg. , ~~effective~~ , , effective

297)

298

299 **Section 207.306 Vehicle Ownership**

300

- 301 a) Each vehicle retired under a vehicle scrappage project or program must have a
- 302 valid, legally transferable title.
- 303
- 304 b) An owner listed on the title, a legal representative of the owner or owners, or, if
- 305 the owner is an entity, an agent of the entity must appear at the collection site with
- 306 the vehicle at the time of its sale to a vehicle scrappage project or program.
- 307
- 308 c) It is the responsibility of the vehicle scrappage sponsor or manager to provide the
- 309 Illinois Secretary of State with all vehicle transfer records necessary to document
- 310 the proper transfer and retirement of vehicles that are scrapped. The Agency
- 311 assumes no responsibility for documentation or legality of transfer of vehicle
- 312 titles.
- 313

314 (Source: Amended at 50 Ill. Reg. , ~~effective~~ , , effective

315)

316

317 **Section 207.308 Notification of Intent to Retire Vehicles**

318

- 319 a) If the vehicle scrappage plan targets certain vehicles under Subpart D, the vehicle
- 320 scrappage manager or sponsor may request that the Agency provide notice of the
- 321 applicable vehicle scrappage activities to owners of vehicles that meet the
- 322 specifications in the plan. This notice will provide information to allow the
- 323 vehicle owners to contact the relevant vehicle scrappage sponsor or manager for
- 324 more information about the proposed vehicle scrappage activities.
- 325
- 326 b) If a vehicle scrappage manager or sponsor does not request that the Agency
- 327 provide notification under subsection (a), the vehicle scrappage sponsor or
- 328 manager must notify owners of vehicles that are prospective candidates for

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329 retirement of the proposed vehicle scrappage activities. Notification may be
330 provided by general public notification methods.
331

332 c) Any notification provided to vehicle owners by vehicle scrappage sponsors or
333 managers must convey, at a minimum, the following:
334

- 335 1) That participation in the program or project is strictly voluntary;
336
337 2) The name and address of the vehicle scrappage sponsor or manager;
338
339 3) All conditions that the vehicle owner and the vehicle itself must satisfy to
340 participate in the project or program;
341
342 4) The amount of money offered to the owner by the vehicle scrappage
343 sponsor or manager for the purchase of the owner's vehicle if all
344 conditions of vehicle eligibility are met;
345
346 5) That identifying the owner's vehicle as a candidate for retirement does not
347 allege any environmental or other violation by that owner; and
348
349 6) A clear statement that the notice is provided by that sponsor or manager,
350 not by the Agency or by any other governmental entity, unless the Agency
351 is the vehicle scrappage sponsor.
352

353 (Source: Amended at 50 Ill. Reg. ~~_____~~, effective ~~_____~~, effective
354 ~~_____~~)
355

356 **Section 207.310 Notification to Vehicle Collectors and Automotive Rebuilders and**
357 **Suppliers**
358

359 a) The Agency will make available to vehicle scrappage sponsors or managers a list
360 of recognized vehicle collector associations and persons normally engaged in
361 either the business of rebuilding vehicle parts or supplying parts to rebuilders that
362 may be interested in purchasing vehicles collected under projects and programs.
363 To be included in the list, recognized vehicle collector associations and persons
364 normally engaged in either the business of rebuilding vehicle parts or supplying
365 parts to rebuilders must submit a written request to the Agency.
366

367 b) Vehicle scrappage sponsors or managers must provide notification of the
368 availability of vehicles to be retired by either posting notice on the Internet or
369 providing written notice to persons or entities identified by the Agency on the list

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370 in subsection (a). Vehicles may not be retired until 21 days after the notification
371 required by this subsection is provided.
372

373 c) A vehicle scrappage manager or sponsor may use Agency capabilities to provide
374 the notification required under this Section on the Internet.
375

376 d) Vehicle scrappage sponsors and managers may sell vehicles to interested persons
377 instead of retiring the vehicle for CERs. Vehicle scrappage managers and
378 sponsors remain eligible for CERs if non-emissions-related parts are sold to
379 interested persons or emissions-related parts are sold to either vehicle collectors
380 or persons normally engaged in either the business of rebuilding vehicle parts or
381 supplying parts to rebuilders, if disassembly of emissions-related parts has been
382 performed under Section 207.316(e). If a vehicle or emissions-related parts from
383 a vehicle are resold without disassembly under Section 207.316(e), CERs may not
384 be claimed for the vehicle.
385

386 (Source: Amended at 50 Ill. Reg. , ~~effective~~ , , effective
387)
388

389 **Section 207.312 Operability Check**
390

391 Each vehicle to be retired under this Part must pass an operability check before purchase and
392 collection. The operability check must include, at a minimum:
393

- 394 a) Starting up the vehicle;
- 395
- 396 b) Test-driving the vehicle for five or more feet in forward gear;
- 397
- 398 c) Test-driving the vehicle for five or more feet in reverse gear;
- 399
- 400 d) Shutting off the vehicle; and
- 401
- 402 e) Visual inspection for fluid leakage or any malfunction or other damage that would
403 render the vehicle unsuitable for normal operation.
404

405 (Source: Amended at 50 Ill. Reg. , ~~effective~~ , , effective
406)
407

408 **Section 207.314 Collection and Testing**
409

- 410 a) Each vehicle purchased and collected by a vehicle scrappage sponsor or manager

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411 must be photographed at the collection site with all owners or representatives or
412 agents of the owners of the vehicle that are present. Each vehicle must also be
413 marked with a unique identification number visible in the photograph.
414

415 b) After a vehicle arrives at the collection site, a vehicle scrappage sponsor or
416 manager must take adequate measures to ensure that a vehicle to be retired is not
417 adjusted, repaired, or tampered with in any way until any testing has been
418 completed. If non-emissions-related parts are no longer in operable condition
419 after the vehicle is collected and passes the operability requirements in Section
420 207.312, repairs to parts, such as batteries and tires, may be made if needed to
421 allow testing. No parts may be removed from any vehicle before completing any
422 testing.
423

424 c) The mileage indicated on the odometer must be recorded at the time of collection.
425

426 d) If vehicles to be retired must undergo emissions testing under the applicable
427 vehicle scrappage plan and are not tested within 45 calendar days after collection
428 of the vehicle, any CERs claimed which are attributable to that vehicle will be
429 discounted by 10%. If emissions testing is not conducted within 90 calendar days
430 after collection of vehicles, vehicle scrappage managers and sponsors will be able
431 to claim CERs based only on modeled emissions.
432

433 e) Instead of performing emissions testing on a vehicle, vehicle scrappage managers
434 and sponsors may use the most recent emissions test results for that vehicle from
435 an Agency-administered IM240 Test conducted under the Illinois vehicle
436 emissions test program under the Vehicle Emissions Inspection Law of 2005 [625
437 ILCS 5/13C], if the test was performed no more than 90 calendar days before
438 collection of the vehicle.
439

440 (Source: Amended at 50 Ill. Reg. ~~_____~~, effective ~~_____~~ _____, effective
441 _____)
442

443 **Section 207.316 Disassembly, Recycling, and Disposal Based on Vehicle Scrappage**
444 **Activities**
445

446 a) All vehicles for which CERs are claimed must be crushed or otherwise recycled
447 or ultimately disposed of in compliance with this Section, the applicable vehicle
448 scrappage plan, and the schedule in that plan.
449

450 b) Any residual materials or wastes derived from permanently retiring vehicles,
451 including all fluids, gases, and environmentally sensitive materials, must be

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452 recycled or disposed of in an environmentally sound manner, in conformity with
453 the applicable vehicle scrappage plan, and in compliance with all federal and
454 State laws and regulations.
455

- 456 c) Used tires derived from permanently retiring vehicles must be recycled or
457 ultimately disposed of in compliance with Title XIV of the Environmental
458 Protection Act [415 ILCS 5/53-55.15] and regulations promulgated under it.
459
- 460 d) Non-emissions-related parts may be resold or recycled.
461
- 462 e) Vehicle scrappage managers, sponsors, and scrap yards identified in vehicle
463 scrappage plans may resell or recycle emissions-related parts (including engines)
464 to vehicle collectors or to persons normally engaged in either the business of
465 rebuilding vehicle parts or supplying parts to rebuilders, if the following
466 requirements are met:
467
- 468 1) The engine is disassembled into the cylinder head, block, crankshaft, and
469 connecting rods; and
470
 - 471 2) All other emissions-related parts are disassembled into their major
472 components.
473
- 474 f) Any recycling of emissions-related or non-emissions-related parts must be
475 conducted in compliance with a vehicle scrappage plan expressly providing for
476 appropriate disassembly, rebuilding or reconditioning, if applicable, and sale.
477

478 (Source: Amended at 50 Ill. Reg. ~~_____~~, effective ~~_____~~ _____, effective
479 ~~_____~~)
480

481 **Section 207.318 Documentation Requirements**
482

- 483 a) Each vehicle scrappage sponsor or manager must maintain records for at least five
484 years of all vehicle scrappage activities conducted under the applicable vehicle
485 scrappage plan, including:
486
- 487 1) Identification of eligible vehicles accepted in the vehicle scrappage project
488 or program, including the vehicle identification number and
489 documentation indicating that these vehicles meet the eligibility criteria in
490 Section 207.304;
491
 - 492 2) Documentation to verify vehicle ownership and appropriate transfer of

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- 493 ownership for all eligible vehicles, as specified in Section 207.306;
- 494
- 495 3) Photographic documentation of vehicle collection activities, as specified
- 496 in Section 207.314(a);
- 497
- 498 4) Records verifying mileage for each vehicle, as specified in Section
- 499 207.314(c);
- 500
- 501 5) Documentation of all vehicle testing performed in compliance with the
- 502 applicable vehicle scrappage plan and Sections 207.314 and 207.502;
- 503
- 504 6) All records and supporting documentation related to any calculations of
- 505 emissions that are performed;
- 506
- 507 7) Documentation of all vehicle disassembly, recycling, and disposal
- 508 activities under Section 207.316, including any waste disposal manifests
- 509 or receipts obtained from scrap yards, recyclers, or disposal facilities
- 510 documenting recycling or disposal of all residual materials and wastes
- 511 derived from vehicle scrappage;
- 512
- 513 8) If emissions-related parts are resold or recycled, documentation
- 514 demonstrating that appropriate disassembly has occurred under Section
- 515 207.316(e); and
- 516
- 517 9) Documentation supporting the use of any enhanced vehicle scrappage
- 518 options such as the options in Subpart D.
- 519
- 520 b) Vehicle scrappage sponsors or managers must:
- 521
- 522 1) Maintain all records required under this Part at one location within
- 523 Illinois;
- 524
- 525 2) Maintain a copy of the applicable vehicle scrappage plan at the site of
- 526 each vehicle scrappage activity;
- 527
- 528 ~~3)~~3) Make a copy of all documentation required to be maintained under this
- 529 Part available to Agency representatives for inspection upon request; and
- 530
- 531 ~~4)~~4) Submit to the Agency a copy of any of the documentation required to be
- 532 maintained under this Part, upon request by the Agency.
- 533

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534 (Source: Amended at 50 Ill. Reg. _____, effective _____, effective
535 _____)
536

537 SUBPART D: OPTIONS FOR VEHICLE
538 SCRAPPAGE PROJECTS AND PROGRAMS
539

540 **Section 207.400 Optional Project or Program Enhancements**
541

542 Vehicle scrappage sponsors and managers proposing to conduct vehicle scrappage projects or
543 programs may include options in proposed plans that exceed the requirements of Subpart C. The
544 options in this Subpart are examples. Vehicle scrappage sponsors and managers of proposed
545 vehicle scrappage programs or projects must identify any options in their proposed vehicle
546 scrappage plans and must specify the rationale and any supporting information which would
547 indicate that the proposed options will generate greater emissions reductions or more reliable
548 documentation of any claimed CERs.
549

550 (Source: Amended at 50 Ill. Reg. _____, effective _____, effective
551 _____)
552

553 ~~Section 207.402 Targeting of Vehicles by Model Year~~

554 ~~Vehicle scrappage plans may be limited to include only eligible vehicles from specific model~~
555 ~~years.~~

556 ~~(Source: Amended at 50 Ill. Reg. _____, effective _____)~~
557

558 **Section 207.404 Targeting of High Emissions Vehicles**

559 Vehicle scrappage plans may include only eligible vehicles with demonstrated high emissions. A
560 certificate of waiver under 35 Ill. Adm. Code 276.403 or test results under the vehicle inspection
561 and maintenance program under the Vehicle Inspection Law of 2005 [625 ILCS 5/13C] may
562 demonstrate that a vehicle has high emissions.
563

564 (Source: Amended at 50 Ill. Reg. _____, effective _____, effective
565 _____)
566

567 ~~Section 207.406 Targeting of High Usage Vehicles~~

568 ~~Vehicle scrappage plans may be limited to eligible vehicles that have been driven at least a~~
569 ~~specified number of miles per year.~~

570 ~~(Source: Amended at 50 Ill. Reg. _____, effective _____)~~
571

572 **Section 207.408 Use of Enhanced Prescreening Inspection**

573 Vehicle scrappage plans may include operability inspections of vehicles which are to be retired
574 but do not meet the operability requirements in Section 207.312, with the intent to determine the

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575 probable recent use patterns of a vehicle and the remaining useful life of that vehicle. These
576 inspections must be conducted and certified by a recognized repair technician, as defined in
577 Section 207.102.

578
579 (Source: Amended at 50 Ill. Reg. ~~_____~~, ~~effective _____~~ _____, effective
580 _____)

581
582 **Section 207.410 Use of Evaporative System Integrity Test**
583

584 Vehicle scrappage plans may include an evaporative system integrity test to determine the ability
585 of each vehicle's system to recycle vapors. The results of these tests may be used to characterize
586 the functional status of the vehicle's evaporative control system for use as an input to USEPA's
587 MOBILE model. If the applicable vehicle scrappage plan is for a vehicle scrappage project, the
588 evaporative system integrity test administered at an official vehicle emissions test station of the
589 Agency under 625 ILCS 5/13C must be used to measure evaporative emissions. Vehicle
590 scrappage plans for programs may specify the use of the evaporative system test administered at
591 an official test station of the Agency or another test.

592
593 (Source: Amended at 50 Ill. Reg. ~~_____~~, ~~effective _____~~ _____, effective
594 _____)

595
596 SUBPART E: MEASUREMENT TECHNIQUES AND
597 CER CALCULATION AND REVIEW
598

599 **Section 207.500 Vehicle Scrappage as a Basis for CERs**
600

601 Vehicle scrappage sponsors and managers may receive CERs for emissions reductions achieved
602 based on vehicle scrappage activities conducted under this Part in compliance with the
603 requirements of this Subpart. CERs may be used in conjunction with an emissions reduction
604 program or as new source review offsets under 35 Ill. Adm. Code 203, to the extent that
605 recognizing or using CERs is allowed under and fulfills the requirements of the applicable rule.

606
607 (Source: Amended at 50 Ill. Reg. ~~_____~~, ~~effective _____~~ _____, effective
608 _____)

609
610 **Section 207.502 Methods for Determining Emissions Reductions**
611

612 a) Emission rates from both retired and replacement vehicles must be either
613 measured (measure/measure method), modeled (model/model method), or a
614 combination of measurement and modeling (measure/model method). The
615 vehicle scrappage sponsor or manager must propose the techniques for measuring

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or modeling or both to be used in the applicable vehicle scrappage plan.

- b) Modeled emission rates for retired and replacement vehicles must be calculated using the USEPA MOBILE model in compliance with USEPA guidance for MOBILE model use for vehicle scrappage activities.
- c) The IM240 Test must be used for any measured volatile organic material emission rate determinations.
- d) The remaining useful life of retired vehicles is limited to three years.

(Source: Amended at 50 Ill. Reg. _____, effective _____, effective _____)

Section 207.504 CER Calculation Methodology

~~a) Except under subsection (b), the following formula must be used to calculate proposed CERs:~~

a) Except under subsection (b), the following formula must be used to calculate proposed CERs:

$$CER = \sum ([a)(b)(c)] - [(d)(e)(c)] (1-(f/100)) / (1000)$$

Where:

- a Represents the retired vehicle emissions in grams/mile
- b Represents miles per year traveled by the retired vehicle based on recent usage, as established in compliance with Section 207.510(a)(2)(B)
- c Represents remaining life of the retired vehicle in years
- d Represents the replacement vehicle emissions in grams/mile
- e Represents miles per year traveled by the replacement vehicle (which must be equal to or greater than "b", unless demonstrated otherwise in a vehicle scrappage plan)
- f Represents the environmental discount factor that must be applied under Section 207.506, if applicable

CER Represents a creditable emissions reduction unit in kilograms.

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b) Vehicle scrappage sponsors and managers may request Agency approval to deviate from the general formula in subsection (a) to calculate CERs in their proposed vehicle scrappage plan. This request must demonstrate that the deviation is necessary based on elements of the proposed vehicle scrappage project or program.

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~~CER = [sigma] ((a)(b)(c) - (d)(e)(c)) (1 - (f/100)) / (1000)~~

~~Where:~~

- ~~a Represents the retired vehicle emissions in grams/mile~~
- ~~b Represents miles per year traveled by the retired vehicle based on recent usage, as established in compliance with Section 207.510(a)(2)(B)~~
- ~~e Represents remaining life of the retired vehicle in years~~
- ~~d Represents the replacement vehicle emissions in grams/mile~~
- ~~e Represents miles per year traveled by the replacement vehicle (which must be equal to or greater than "b", unless demonstrated otherwise in a vehicle scrappage plan)~~
- ~~f Represents the environmental discount factor that must be applied under Section 207.506, if applicable~~

~~CER Represents a creditable emissions reduction unit in kilograms.~~

~~b) Vehicle scrappage sponsors and managers may request Agency approval to deviate from the general formula in subsection (a) to calculate CERs in their proposed vehicle scrappage plan. This request must demonstrate that the deviation is necessary based on elements of the proposed vehicle scrappage project or program.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____, effective _____)

Section 207.506 CER Adjustments

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- a) If the vehicle scrappage plan provides that the emissions of both retired and replacement vehicles are to be modeled (model/model method), the total value of CERs claimed will be:
 - 1) Reduced by 20% to account for the natural retirement of vehicles; and
 - 2) Discounted by an additional 5%.
- b) If the vehicle scrappage plan provides that emissions of vehicles to be retired are to be measured and emissions of replacement vehicles are to be modeled (measure/model method), the total value of CERs claimed will be reduced by

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670 10% to account for the natural retirement of vehicles, unless enhanced
671 prescreening inspection is conducted under Section 207.408. If enhanced
672 prescreening is conducted, no reduction to CERs claimed will be assessed, except
673 under Section 207.314(d).
674

675 c) Except under Section 207.314(d), if the vehicle scrappage plan provides that
676 emissions of both retired and replacement vehicles are to be measured
677 (measure/measure method), no reduction to the value of CERs claimed will be
678 assessed.
679

680 (Source: Amended at 50 Ill. Reg. ~~_____~~, effective ~~_____~~ _____, effective
681 ~~_____~~)
682

683 **Section 207.508 Remaining Useful Life of Vehicles and Lifetime of CERs**
684

685 a) If emissions from retired vehicles are modeled, the remaining useful life of retired
686 vehicles will be three years.
687

688 b) If emissions from retired vehicles are measured, the remaining useful life of
689 retired vehicles will be a minimum of two years. Vehicle scrappage sponsors and
690 managers may demonstrate to the Agency that a remaining useful life of more
691 than two years should apply to CERs generated using a measure/model or a
692 measure/measure method. To make this demonstration, the vehicle scrappage
693 sponsor or manager must provide the Agency with sufficient information to
694 substantiate that a greater remaining useful life of retired vehicles is justified.
695

696 c) CERs are valid for the same period as the remaining useful life of the retired
697 vehicle as specified in this Section.
698

699 (Source: Amended at 50 Ill. Reg. ~~_____~~, effective ~~_____~~ _____, effective
700 ~~_____~~)
701

702 **Section 207.510 Submission and Agency Review of CER Claims**
703

704 a) Except under Section 207.512, a vehicle scrappage sponsor or manager must
705 submit a CER claim to the Agency for review within 120 days after completing
706 vehicle collection for vehicle scrappage projects or quarterly for a vehicle
707 scrappage program. The following information must be included in each CER
708 claim, in addition to any information required in the applicable vehicle scrappage
709 plan:
710

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- 711 1) The amount of CERs claimed to have been generated by vehicle
712 retirement; and
713
- 714 2) Sufficient calculations and supporting documentation to substantiate the
715 claim, including:
716
- 717 A) Identification (i.e., make, model year, and vehicle identification
718 number) of retired vehicles upon which the claim is based;
719
- 720 B) Estimates of recent mileage for each retired vehicle based on data
721 recorded in the most recent two years or on established mileage
722 estimation methods;
723
- 724 C) Mileage for each replacement vehicle, which may not be less than
725 the mileage estimated for the retired vehicle unless demonstrated
726 otherwise in a vehicle scrappage plan;
727
- 728 D) The method used to determine emissions from each retired and
729 replacement vehicle;
730
- 731 E) The method used to identify replacement vehicles;
732
- 733 F) Any discounting of CERs required by this Part; and
734
- 735 G) A log identifying for each returned vehicle whether enhanced
736 options or disassembly and recycling were used.
737
- 738 b) CERs may not be claimed for a vehicle until it has been acquired and retired by
739 the vehicle scrappage sponsor or manager.
740
- 741 c) CERs may be claimed on a lump sum basis for the total aggregate emissions
742 reduction over the remaining useful life of the retired vehicle or vehicles, or
743 allocated on an annual basis over the remaining useful life, not to exceed the total
744 aggregate emissions reduction.
745
- 746 d) Except for Agency-sponsored projects or programs, a vehicle scrappage manager,
747 vehicle scrappage sponsor, or, if the vehicle scrappage sponsor is an entity, the
748 responsible official of the entity submitting a CER claim for Agency review under
749 this Subpart must make the following statement as part of the claim:
750
- 751 I certify that the information submitted in this CER claim is, to the best of

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752 my knowledge and belief, true, accurate, and complete. I am aware that I
753 may be subject to enforcement under the Environmental Protection Act if
754 any information submitted in this CER claim is determined to be false or
755 misleading.
756

- 757 e) Except under Section 207.512, the Agency must review each CER claim
758 submitted and must issue its written determination of how many CERs have been
759 generated, if any, within 45 calendar days after the Agency receives a complete
760 claim. CERs are not valid until the Agency completes its CER determination and
761 notifies the vehicle scrappage sponsor or manager in writing of its determination.
762

763 (Source: Amended at 50 Ill. Reg. ~~_____~~, effective ~~_____~~ _____, effective
764 _____)
765

Section 207.512 CERs Based on Agency-Sponsored Vehicle Scrappage Activities

766
767
768 If the Agency generates CERs based on vehicle scrappage activities it has sponsored, it must
769 develop and maintain documentation to substantiate the CERs generated, including the
770 information in Section 207.510(a)(2).
771

772 (Source: Amended at 50 Ill. Reg. ~~_____~~, effective ~~_____~~ _____, effective
773 _____)
774

SUBPART F: VEHICLE SCRAPPAGE PLAN CRITERIA,
SUBMITTAL, REVIEW AND SUPPLEMENTAL NOTICE PROCEDURE

Section 207.600 Proposed Vehicle Scrappage Plans

778
779
780 A vehicle scrappage project or program must not be conducted within Illinois under this Part
781 without Agency approval or sponsorship of a vehicle scrappage plan covering that specific
782 vehicle scrappage project or program.
783

784 (Source: Amended at 50 Ill. Reg. ~~_____~~, effective ~~_____~~ _____, effective
785 _____)
786

Section 207.602 Submittal of Proposed Vehicle Scrappage Plans

- 788
789 a) A vehicle scrappage sponsor or manager may submit a proposed vehicle
790 scrappage plan to the Agency. Each proposed vehicle scrappage plan must
791 include, at a minimum:
792

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- 793 1) The name and address of the vehicle scrappage sponsor and manager that
794 will be responsible for the vehicle scrappage project or program;
795
- 796 2) Proof that the vehicle scrappage sponsor identified in the plan meets the
797 financial responsibility requirements of Section 207.702;
798
- 799 3) Proof that the vehicle scrappage manager has fulfilled the applicable
800 requirements in Section 207.700;
801
- 802 4) The estimated number of vehicles to be retired during the proposed project
803 or program;
804
- 805 5) The locations for all proposed vehicle scrappage activities;
806
- 807 6) The name and address of any person or entity performing any of the
808 proposed activities, including any scrap yard or recycling or disposal
809 facility;
810
- 811 7) A schedule identifying planned dates of the proposed project or program,
812 including notifying owners of vehicles; purchasing vehicles; measuring
813 emissions, if any; retiring vehicles; and completing the project or program;
814
- 815 8) Method to notify owners of vehicles that are candidates to sell their
816 vehicles in compliance with Section 207.308;
817
- 818 9) Procedures for collection and testing, if any, of vehicles to be retired in
819 compliance with Section 207.314;
820
- 821 10) Procedures, if any, for disassembly, rebuilding, or reconditioning, and
822 resale of vehicle parts to eligible persons in compliance with Section
823 207.316;
824
- 825 11) Procedures to recycle or dispose of all residual materials and wastes
826 generated from the permanent retirement of vehicles, in compliance with
827 Section 207.316(b);
828
- 829 12) Method to determine what replacement vehicles are obtained by owners
830 whose vehicles have been retired;
831
- 832 13) Method to measure or model emissions of applicable pollutants for
833 vehicles purchased for retirement and for replacement vehicles, in

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- 834 compliance with Section 207.502;
- 835
- 836 14) Method to calculate any CERs that may be generated by the project or
- 837 program, in compliance with Section 207.504;
- 838
- 839 15) If the vehicle scrappage plan is for a vehicle scrappage program,
- 840 identifying any options to generate greater emissions reductions or
- 841 produce more reliable documentation under Subpart D, and sufficient
- 842 justification that the options proposed will achieve these objectives. If the
- 843 plan proposes enhanced prescreening inspection under Section 207.408, it
- 844 must identify the recognized repair technician and include information
- 845 verifying that the technician qualifies as a recognized repair technician;
- 846
- 847 16) If the vehicle scrappage plan is for a vehicle scrappage project, the vehicle
- 848 sponsor or manager is not required to obtain prior approval from the
- 849 Agency to use options in Subpart D but must maintain documentation to
- 850 support its use of the options.
- 851

- 852 b) In addition to the information in subsection (a), the Agency may request
- 853 additional information from the vehicle scrappage sponsor or manager to
- 854 determine whether the vehicle scrappage plan meets the requirements of this Part.
- 855
- 856 c) Each vehicle scrappage manager and sponsor, or, if the vehicle scrappage sponsor
- 857 is an entity, a responsible official of the entity, submitting a proposed plan for
- 858 Agency approval must make the following statement as part of the submission to
- 859 the Agency:
- 860

861 I certify that the information submitted in this proposed vehicle scrappage
 862 plan is, to the best of my knowledge and belief, true, accurate, and
 863 complete based on reasonable inquiry. I am aware that I may be subject to
 864 enforcement under the Environmental Protection Act and may be
 865 disqualified from conducting or sponsoring scrappage projects or
 866 programs in the State of Illinois under 35 Ill. Adm. Code Part 207 if any
 867 information submitted in this proposed vehicle scrappage plan is
 868 determined to be false or misleading.

869
 870 (Source: Amended at 50 Ill. Reg. _____, effective _____, effective
 871 _____)

Section 207.604 Notice of Proposed Vehicle Scrappage Plans

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875 a) Within 14 days after submitting a vehicle scrappage plan to the Agency, the
876 vehicle scrappage manager or sponsor that submitted the plan must cause, at its
877 own expense, the publication of notice by advertisement in a newspaper of
878 general circulation in the area where the collection site for vehicles to be retired is
879 located. If the vehicle scrappage sponsor is a source, the notice must be in a
880 newspaper of general circulation in the area the source is located.

881
882 b) The notice must be titled "Notice of Proposed Vehicle Scrappage Plan
883 Submission to the Illinois Environmental Protection Agency."
884

885 c) The notice must contain the name and address of the proposed sponsor and the
886 address of the proposed vehicle collection location.
887

888 d) The notice must state:
889

890 "Any person may review the proposed plan, to the extent allowed by applicable
891 laws and regulations, by contacting the Illinois Environmental Protection Agency
892 (Illinois EPA). Any person may submit comments to the Illinois EPA and request
893 a hearing. Comments and requests for hearing must be submitted in writing to
894 Illinois EPA at:
895

896 Public Information for the Bureau of Air
897 Illinois Environmental Protection Agency
898 2520 West Iles Avenue
899 P.O. Box 19276
900 Springfield, Illinois 62794-9276
901

902 These comments and requests for a hearing must be received by Illinois EPA
903 within 21 days after the date of publication."
904

905 e) The Agency will determine whether to hold a hearing on any vehicle scrappage
906 plan under 35 Ill. Adm. Code 252.205. Any hearing on a proposed vehicle
907 scrappage plan must be conducted in compliance with 35 Ill. Adm. Code 166.
908

909 (Source: Amended at 50 Ill. Reg. ~~_____~~, effective ~~_____~~, effective
910 ~~_____~~)
911

912 **Section 207.606 Agency Review of Proposed Vehicle Scrappage Plans**
913

914 a) The Agency must approve or disapprove the proposed vehicle scrappage plan
915 within 90 calendar days after it receives a complete proposed plan, except that

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916 this deadline is extended to 180 days when the Agency holds a hearing under
917 Section 207.604(e).
918

919 b) A proposed plan must be deemed complete within 30 days after the Agency
920 receives it unless the Agency provides written notification to the applicant of its
921 determination that the plan is incomplete. A proposed plan must be deemed
922 complete if it includes information addressing each of the applicable elements
923 required under this Section. A notification of incompleteness must specifically
924 identify the deficiencies with the plan identified by the Agency. After a plan has
925 been deemed complete, the Agency may request additional information to
926 complete its review of the proposed plan.
927

928 c) After receiving notice of approval from the Agency, the vehicle scrappage
929 sponsor or manager who submitted the plan may begin implementing it under the
930 schedule in the plan.
931

932 d) After receiving notice of disapproval from the Agency, the person who submitted
933 the plan may request that the Board review the Agency's determination under 35
934 Ill. Adm. Code 105.
935

936 e) The Agency may disapprove any plan that identifies and intends to use a scrap
937 yard or recycling or disposal facility that has violated any requirement in this Part.
938 Before disapproving the plan, the Agency must notify the vehicle scrappage plan
939 applicant in writing of this deficiency with the plan and afford the applicant a
940 reasonable period to identify another scrap yard or recycling or disposal facility to
941 use for its vehicle scrappage activities.
942

943 (Source: Amended at 50 Ill. Reg. , ~~effective~~ , effective
944)
945

946 **Section 207.608 Notice of Commencement of Vehicle Scrappage Activities**
947

948 The vehicle scrappage manager or sponsor must submit to the Agency at least 14 days before
949 collecting vehicles for the project or program written notification indicating the date and location
950 of vehicle collection activities.
951

952 (Source: Amended at 50 Ill. Reg. , ~~effective~~ , effective
953)
954

955 **Section 207.610 Supplemental Notices Under Approved Vehicle Scrappage Plans**
956

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957 A vehicle scrappage plan may be renewed if the vehicle scrappage sponsor or manager submits
958 to the Agency a written supplemental notice of their intent to conduct more vehicle scrappage
959 activities at least 60 days before the intended date for notifying vehicle owners of the opportunity
960 to sell their vehicles. The supplemental notice must refer to the date and number of the approved
961 plan and must update the dates and any changes in collection locations. If the vehicle scrappage
962 sponsor or manager plans any deviation from the terms and conditions of the approved plan,
963 other than dates or collection locations, they must submit a new proposed plan to the Agency,
964 which must review it in the same manner and by the deadlines in Section 207.606.

965
966 (Source: Amended at 50 Ill. Reg. , effective , effective
967)
968

969 **Section 207.612 Plans for Agency Sponsored Projects or Programs**

970
971 Despite the requirements in this Subpart, if the Agency sponsors a vehicle scrappage project or
972 program, it must develop a vehicle scrappage plan that meets the requirements of Section
973 207.602 and provide public notice of its proposed plan under Section 207.604.

974
975 (Source: Amended at 50 Ill. Reg. , effective , effective
976)
977

978 SUBPART G: VEHICLE SCRAPPAGE SPONSOR AND MANAGER
979 ELIGIBILITY, TRAINING, AND APPLICATION PROCEDURE
980

981 **Section 207.700 Qualifications for Vehicle Scrappage Managers**

- 982
- 983 a) A person or entity must not conduct a vehicle scrappage project or program
984 without participation of a vehicle scrappage manager who meets the requirements
985 of this Section for supervising vehicle scrappage activities.
986
 - 987 b) Any natural person may qualify to be a vehicle scrappage manager if they meet
988 the following criteria:
989
 - 990 1) Are at least 18 years old;
 - 991 2) Are an American citizen or legal alien; and
 - 992 3) Have never been convicted of or had a final judgment entered against
993 them in any State or federal court for a violation of State or federal air
994 pollution laws or regulations, fraud, or felony theft.
995
996
997

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- 998 c) Each natural person who wishes to become a vehicle scrappage manager must
999 successfully complete the training course offered by the Agency.
1000
- 1001 1) The Agency will offer the training program annually based on need. The
1002 Agency will provide advance public notice of the time, date, and location
1003 for each training course.
1004
- 1005 2) The curriculum for the Agency training course must include the following
1006 subjects:
1007
- 1008 A) Developing acceptable vehicle scrappage plans;
1009
1010 B) Methods for CER calculations;
1011
1012 C) Procedures to model and measure emissions;
1013
1014 D) Collector vehicle and vehicle parts rebuilder provisions;
1015
1016 E) Proper vehicle disassembly and recycling of vehicle parts; and
1017
1018 F) For residual materials and wastes derived from retiring vehicles,
1019 methods for proper recycling, disposal, or both.
1020
- 1021 3) For the applicant to be authorized to manage a vehicle scrappage program,
1022 they must pass the examination administered by the Agency at the
1023 conclusion of each Agency training course, which will test each
1024 applicant's knowledge of the material covered in the training course.
1025
- 1026 4) If an applicant fails the Agency-administered examination in subsection
1027 (c)(3) on the first attempt, they will have the opportunity to take and pass
1028 the examination one additional time. If an applicant fails the
1029 Agency-administered examination on the second attempt, they may
1030 reapply for approval to manage a vehicle scrappage program, subject to
1031 the same requirements as a first-time applicant.
1032
- 1033 5) The Agency will offer the examination biannually if needed. When an
1034 Agency-administered examination is offered at a different time than
1035 immediately after the Agency training course, the Agency must provide
1036 advance public notice of the time, date, and location for the examination.
1037
- 1038 d) Before conducting any vehicle scrappage activities, each natural person who

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- 1039 wishes to be a vehicle scrappage manager must submit to the Agency for its
1040 approval an application demonstrating that they satisfy all of the qualifications in
1041 subsection (b). Applicants may indicate that they intend to satisfy the
1042 requirements in subsection (c) by attending the next Agency training course and
1043 taking the examination, if applicable, at that time.
1044
- 1045 e) The Agency must approve or disapprove a vehicle scrappage manager application
1046 in writing within 30 calendar days after the Agency receives an application or at
1047 the conclusion of the Agency training course the applicant is scheduled to attend,
1048 whichever occurs later. Approval will indicate whether the applicant is
1049 authorized to manage both vehicle scrappage projects and programs or only
1050 vehicle scrappage projects.
1051
- 1052 f) After receiving notice of approval from the Agency, the applicant is considered a
1053 vehicle scrappage manager and may conduct a vehicle scrappage project or, if
1054 approved, a vehicle scrappage program in compliance with this Part. Only an
1055 approved vehicle scrappage manager may be identified as the vehicle scrappage
1056 manager in any proposed vehicle scrappage plan.
1057
- 1058 g) Each natural person submitting an application under this Subpart must sign and
1059 date the following statement as part of their application:
1060
- 1061 I certify that I satisfy all the qualification requirements for a vehicle
1062 scrappage manager and that the information submitted in this application
1063 is, to the best of my knowledge and belief, true, accurate, and complete. I
1064 am aware that I may be subject to enforcement under the Environmental
1065 Protection Act and may be disqualified from conducting vehicle scrappage
1066 activities in the State of Illinois under 35 Ill. Adm. Code 207 if any
1067 information submitted in this application is determined to be false or
1068 misleading.
1069
- 1070 h) To retain authorization to be a vehicle scrappage manager of a vehicle scrappage
1071 program, each person approved to manage a vehicle scrappage program must
1072 submit a renewal application to the Agency every three years by the date on which
1073 they received initial approval, and must take a refresher training course at the next
1074 available course offered.
1075
- 1076 i) If a vehicle scrappage manager unexpectedly leaves that position, the vehicle
1077 scrappage sponsor may submit the application in subsection (d) requesting
1078 permission from the Agency to allow substituting a new manager for up to one
1079 year, if the candidate for substitution meets the qualifications in subsection (b)

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1080 and will fulfill the remaining requirements of this Section as soon as practicable,
1081 but by one year after the date on which the sponsor requests approval of the
1082 substitution.
1083

1084 j) Despite the requirements in this Section, if the Agency sponsors a vehicle
1085 scrappage project or program, it may obtain the services of a vehicle scrappage
1086 manager or designate an employee of the Agency to serve in this capacity. To
1087 qualify to manage an Agency-sponsored vehicle scrappage project or program, an
1088 Agency employee must complete the training course in subsection (c)(2).
1089

1090 (Source: Amended at 50 Ill. Reg. ~~_____~~, effective ~~_____~~, effective
1091 ~~_____~~)
1092

1093 **Section 207.702 Financial Responsibility of Vehicle Scrappage Sponsors**
1094

1095 a) Any person or entity may qualify to be a vehicle scrappage sponsor if it
1096 demonstrates to the Agency that it has the financial resources necessary to fully
1097 complete a project or program in compliance with this Part, including payment for
1098 all vehicles proposed to be retired, testing and analytical costs associated with the
1099 proposed project or program, and proper recycling or disposal of all residual
1100 materials and wastes generated from the scrappage process in compliance with
1101 this Part.
1102

1103 b) A potential sponsor must demonstrate the sufficiency of its financial resources
1104 when submitting a proposed vehicle scrappage plan in compliance with Subpart
1105 F.
1106

1107 1) A corporate entity may provide the Agency with its most recent Section
1108 10(k) filing submitted to the U.S. Securities and Exchange Commission to
1109 attempt to demonstrate financial resources sufficient to conduct and
1110 complete a scrappage project or program.
1111

1112 2) Corporations for which a Section 10(k) filing is not required and other
1113 entities or persons may provide the Agency with audited financial
1114 statements or other evidence of capital sufficient to conduct and complete
1115 the applicable vehicle scrappage project or program, taking into account
1116 the proposed number of vehicles proposed for scrappage.
1117

1118 c) If the Agency sponsors a vehicle scrappage project or program, it is not required
1119 to make the demonstration in this Section.
1120

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1121 (Source: Amended at 50 Ill. Reg. , effective , effective
1122)
1123

SUBPART H: VEHICLE SCRAPPAGE PLAN FEES

Section 207.800 Vehicle Scrappage Plan and Plan Renewal Fees

1124
1125 Each vehicle scrappage sponsor or manager submitting a proposed vehicle scrappage plan or
1126 supplemental notice of renewal under Subpart D must submit to the Agency the following fee:

- 1127 a) If the plan is for a vehicle scrappage project, a \$250 fee with the proposed vehicle
- 1128 scrappage plan and any supplemental notification;
- 1129
- 1130 b) If the plan is for a vehicle scrappage program, an initial \$250 fee with the
- 1131 proposed vehicle scrappage plan and an annual \$175 fee for each subsequent
- 1132 12-month period or portion of that period during which it operates. The annual fee
- 1133 must be submitted to the Agency each year by the date on which the Agency
- 1134 approved the applicable program; or
- 1135
- 1136 c) If the plan requests that the Agency notify owners of vehicles for retirement under
- 1137 Section 207.308(a), the fees in subsection (a) or (b) increased by \$50 for the
- 1138 initial fee and \$25 for the annual fee, if applicable.
- 1139
- 1140
- 1141
- 1142

1143 (Source: Amended at 50 Ill. Reg. , effective , effective
1144)
1145

Section 207.802 Form of Payment

- 1146 a) All fees required under this Subpart must be paid by check or money order
- 1147 payable to "Treasurer, State of Illinois" for deposit in the Environmental
- 1148 Protection Permit and Inspection Fund.
- 1149
- 1150 b) Payment must identify the associated vehicle scrappage sponsor, vehicle
- 1151 scrappage manager, and proposed vehicle scrappage plan and be sent to:
- 1152
- 1153
- 1154

Illinois Environmental Protection Agency
Fiscal Services Center
2520 West Iles Avenue
P.O. Box 19276
Springfield, Illinois 62794-9276

1155
1156
1157
1158
1159
1160
1161 (Source: Amended at 50 Ill. Reg. , effective , effective

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1162 _____)

1163

1164 **Section 207.804 Non-Refundability of Fees and Credits for Overpayments**

1165

1166 a) Any fees received by the Agency under this Subpart in a correct amount under
1167 Section 207.800 will not be refunded at any time or for any reason, either in part
1168 or in full.

1169

1170 b) If the vehicle scrappage sponsor or manager submits payment in an incorrect
1171 amount that results in overpayment, the Agency must return the overpaid amount
1172 within 90 days after discovering the overpayment.

1173

1174 (Source: Amended at 50 Ill. Reg. _____, ~~effective~~ _____, effective
1175 _____)

1176

1177 **Section 207.806 Fee Exemption for Agency-Sponsored Vehicle Scrappage Projects or**
1178 **Programs**

1179

1180 If the Agency sponsors a vehicle scrappage project or program, it is not subject to fees in this
1181 Subpart.

1182

1183 (Source: Amended at 50 Ill. Reg. _____, ~~effective~~ _____, effective
1184 _____)

1185

SUBPART I: ENFORCEMENT AND PENALTIES

1187 **Section 207.900 Enforcement**

1188

1189 Any person or entity that violates any requirement of this Part is subject to enforcement under
1190 Title XII of the Environmental Protection Act [415 ILCS 5/42-45].

1191

1192 (Source: Amended at 50 Ill. Reg. _____, ~~effective~~ _____, effective
1193 _____)

1194

1195 **Section 207.902 Agency Right of Inspection**

1196

1197 The Agency under Section 4 of the Environmental Protection Act [415 ILCS 5/4] is entitled to
1198 inspect any location used for any activity conducted under any approved vehicle scrappage plan.

1199

1200 (Source: Amended at 50 Ill. Reg. _____, ~~effective~~ _____, effective
1201 _____)

1202

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1203 **Section 207.904 Agency Right to Revoke Approval of Plan**

1204

1205 If any authorized representative of the Agency determines that any vehicle scrappage project or
1206 program is not being conducted in compliance with the applicable vehicle scrappage plan or this
1207 Part, the Agency may revoke its approval of the plan.

1208

1209 (Source: Amended at 50 Ill. Reg. , effective , effective
1210)

1211

1212
1213

Summary report:	
Litera Compare for Word 11.8.0.56 Document comparison done on 3/25/2026 11:19:01 AM	
Style name: Quotes	
Intelligent Table Comparison: Active	
Original filename: 35-207RG-P Agency 3.19.26.docx	
Modified filename: 35-207RG-P JCAR 3.19.26.docx	
Changes:	
<u>Add</u>	66
Delete	78
Move From	0
<u>Move To</u>	0
<u>Table Insert</u>	1
Table Delete	0
<u>Table moves to</u>	0
Table moves from	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	0
Embedded Excel	0
Format changes	0
Total Changes:	145

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1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER c: EMISSION STANDARDS AND LIMITATIONS
5 FOR STATIONARY SOURCES
6

7 PART 211
8 DEFINITIONS AND GENERAL PROVISIONS
9

10 SUBPART A: GENERAL PROVISIONS
11

12	Section	
13	211.101	Incorporated and Referenced Materials
14	211.102	Abbreviations and Conversion Factors
15		

16 SUBPART B: DEFINITIONS
17

18	Section	
19	211.121	Other Definitions
20	211.122	Definitions (Repealed)
21	211.125	Ablative Coating
22	211.130	Accelacota
23	211.150	Accumulator
24	211.170	Acid Gases
25	211.200	Acrylonitrile Butadiene Styrene (ABS) Welding
26	211.210	Actual Heat Input
27	211.230	Adhesive
28	211.233	Adhesion Primer
29	211.234	Adhesive Bonding Primer
30	211.235	Adhesive Primer
31	211.240	Adhesion Promoter
32	211.245	Adhesion Promoter for Aerospace Applications
33	211.250	Aeration
34	211.260	Aerosol Adhesive and Adhesive Primer
35	211.270	Aerosol Can Filling Line
36	211.271	Aerosol Coating
37	211.272	Aerospace Coating
38	211.273	Aerospace Coating Operation
39	211.275	Aerospace Flexible Primer
40	211.277	Aerospace Facility
41	211.278	Aerospace Pretreatment Coating

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42	211.280	Aerospace Primer
43	211.284	Aerospace Specialty Coating
44	211.289	Aerospace Vehicle or Component
45	211.290	Afterburner
46	211.300	Aircraft Fluid Systems
47	211.303	Aircraft Transparencies
48	211.310	Air Contaminant
49	211.330	Air Dried Coatings
50	211.350	Air Oxidation Process
51	211.370	Air Pollutant
52	211.390	Air Pollution
53	211.410	Air Pollution Control Equipment
54	211.430	Air Suspension Coater/Dryer
55	211.450	Airless Spray
56	211.470	Air Assisted Airless Spray
57	211.474	Alcohol
58	211.479	Allowance
59	211.481	Ammunition Sealant
60	211.484	Animal
61	211.485	Animal Pathological Waste
62	211.490	Annual Grain Through-Put
63	211.491	Antichafe Coating
64	211.492	Antifoulant Coating
65	211.493	Antifouling Sealer/Tie Coat
66	211.495	Anti-Glare/Safety Coating
67	211.500	Antique Aerospace Vehicle or Component
68	211.510	Application Area
69	211.520	Aqueous Cleaning Solvent
70	211.530	Architectural Coating
71	211.540	Architectural Structure
72	211.550	As Applied
73	211.560	As-Applied Fountain Solution
74	211.570	Asphalt
75	211.590	Asphalt Prime Coat
76	211.610	Automobile
77	211.630	Automobile or Light-Duty Truck Assembly Source or Automobile or Light-Duty Truck Manufacturing Plant
78		
79	211.650	Automobile or Light-Duty Truck Refinishing
80	211.660	Automotive/Transportation Plastic Parts
81	211.665	Auxiliary Boiler
82	211.670	Baked Coatings

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

83	211.680	Bakery Oven
84	211.685	Basecoat/Clearcoat System
85	211.690	Batch Loading
86	211.695	Batch Operation
87	211.696	Batch Process Train
88	211.710	Bead-Dipping
89	211.712	Bearing Coating
90	211.715	Bedliner
91	211.730	Binders
92	211.735	Black Coating
93	211.737	Bonding Maskant
94	211.740	Brakehorsepower (rated-bhp)
95	211.750	British Thermal Unit
96	211.770	Brush or Wipe Coating
97	211.790	Bulk Gasoline Plant
98	211.810	Bulk Gasoline Terminal
99	211.820	Business Machine Plastic Parts
100	211.825	Camouflage Coating
101	211.830	Can
102	211.850	Can Coating
103	211.870	Can Coating Line
104	211.880	Cap Sealant
105	211.890	Capture
106	211.910	Capture Device
107	211.930	Capture Efficiency
108	211.950	Capture System
109	211.953	Carbon Adsorber
110	211.954	Cavity Wax
111	211.955	Cement
112	211.960	Cement Kiln
113	211.965	Ceramic Tile Installation Adhesive
114	211.970	Certified Investigation
115	211.975	Chemical Agent-Resistant Coating
116	211.980	Chemical Manufacturing Process Unit
117	211.985	Chemical Milling Maskant
118	211.990	Choke Loading
119	211.995	Circulating Fluidized Bed Combustor
120	211.1000	Class II Finish
121	211.1010	Clean Air Act
122	211.1050	Cleaning and Separating Operation
123	211.1070	Cleaning Materials

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

124	211.1090	Clear Coating
125	211.1095	Clear Coating for Aerospace Applications
126	211.1110	Clear Topcoat
127	211.1120	Clinker
128	211.1128	Closed Molding
129	211.1130	Closed Purge System
130	211.1150	Closed Vent System
131	211.1170	Coal Refuse
132	211.1190	Coating
133	211.1210	Coating Applicator
134	211.1230	Coating Line
135	211.1250	Coating Plant
136	211.1270	Coil Coating
137	211.1290	Coil Coating Line
138	211.1310	Cold Cleaning
139	211.1312	Combined Cycle System
140	211.1315	Combustion Tuning
141	211.1316	Combustion Turbine
142	211.1320	Commence Commercial Operation
143	211.1324	Commence Operation
144	211.1326	Commercial Exterior Aerodynamic Structure Primer
145	211.1327	Commercial Interior Adhesive
146	211.1328	Common Stack
147	211.1329	Compatible Substrate Primer
148	211.1330	Complete Combustion
149	211.1350	Component
150	211.1370	Concrete Curing Compounds
151	211.1390	Concentrated Nitric Acid Manufacturing Process
152	211.1410	Condensate
153	211.1430	Condensable PM-10
154	211.1432	Confined Space
155	211.1435	Container Glass
156	211.1455	Contact Adhesive
157	211.1465	Continuous Automatic Stoking
158	211.1467	Continuous Coater
159	211.1470	Continuous Process
160	211.1490	Control Device
161	211.1510	Control Device Efficiency
162	211.1515	Control Period
163	211.1520	Conventional Air Spray
164	211.1530	Conventional Soybean Crushing Source

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

165	211.1550	Conveyorized Degreasing
166	211.1555	Corrosion Prevention System
167	211.1560	Cove Base
168	211.1565	Cove Base Installation Adhesive
169	211.1567	Critical Use and Line Sealer Maskant
170	211.1570	Crude Oil
171	211.1590	Crude Oil Gathering
172	211.1610	Crushing
173	211.1620	Cryogenic Flexible Primer
174	211.1625	Cryoprotective Coating
175	211.1630	Custody Transfer
176	211.1650	Cutback Asphalt
177	211.1655	Cyanoacrylate Adhesive
178	211.1670	Daily-Weighted Average VOM Content
179	211.1690	Day
180	211.1700	Deadener
181	211.1710	Degreaser
182	211.1730	Delivery Vessel
183	211.1735	Department of Defense Classified Coating
184	211.1740	Diesel Engine
185	211.1745	Digital Printing
186	211.1750	Dip Coating
187	211.1770	Distillate Fuel Oil
188	211.1780	Distillation Unit
189	211.1790	Drum
190	211.1810	Dry Cleaning Operation or Dry Cleaning Facility
191	211.1820	Dry Lubricative Material for Aerospace Applications
192	211.1830	Dump-Pit Area
193	211.1850	Effective Grate Area
194	211.1870	Effluent Water Separator
195	211.1872	Ejection Cartridge Sealant
196	211.1875	Elastomeric Materials
197	211.1876	Electric Dissipating Coating
198	211.1877	Electric-Insulating Varnish
199	211.1878	Electrical Apparatus Component
200	211.1880	Electrical Switchgear Compartment Coating
201	211.1882	Electrodeposition Primer (EDP)
202	211.1883	Electromagnetic Interference/Radio Frequency Interference (EMI/RFI) Shielding
203		Coatings
204	211.1885	Electronic Component
205	211.1890	Electrostatic Bell or Disc Spray

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

206	211.1895	Electrostatic Discharge and Electromagnetic Interference Coating
207	211.1900	Electrostatic Prep Coat
208	211.1910	Electrostatic Spray
209	211.1915	Elevated-Temperature Skydrol-Resistant Commercial Primer
210	211.1920	Emergency or Standby Unit
211	211.1930	Emission Rate
212	211.1950	Emission Unit
213	211.1970	Enamel
214	211.1990	Enclose
215	211.2010	End Sealing Compound Coat
216	211.2030	Enhanced Under-the-Cup Fill
217	211.2035	Epoxy Polyamide Topcoat
218	211.2040	Etching Filler
219	211.2050	Ethanol Blend Gasoline
220	211.2055	Ethylene Propylenediene Monomer (DPDM) Roof Membrane
221	211.2070	Excess Air
222	211.2080	Excess Emissions
223	211.2090	Excessive Release
224	211.2110	Existing Grain-Drying Operation (Repealed)
225	211.2130	Existing Grain-Handling Operation (Repealed)
226	211.2150	Exterior Base Coat
227	211.2170	Exterior End Coat
228	211.2180	Exterior Primer for Large Commercial Aircraft
229	211.2190	External Floating Roof
230	211.2200	Extreme High-Gloss Coating
231	211.2210	Extreme Performance Coating
232	211.2230	Fabric Coating
233	211.2250	Fabric Coating Line
234	211.2270	Federally Enforceable Limitations and Conditions
235	211.2285	Feed Mill
236	211.2290	Fermentation Time
237	211.2300	Fill
238	211.2310	Final Repair Coat
239	211.2320	Finish Primer Surfacer
240	211.2330	Firebox
241	211.2340	Fire-Resistant Interior Coating
242	211.2350	Fixed-Roof Tank
243	211.2355	Flare
244	211.2357	Flat Glass
245	211.2358	Flat Wood Paneling
246	211.2359	Flat Wood Paneling Coating Line

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

247	211.2360	Flexible Coating
248	211.2365	Flexible Operation Unit
249	211.2368	Flexible Packaging
250	211.2369	Flexible Vinyl
251	211.2370	Flexographic Printing
252	211.2390	Flexographic Printing Line
253	211.2400	Flight Test Coating
254	211.2410	Floating Roof
255	211.2412	Flush Cleaning at Aerospace Facilities
256	211.2415	Fog Coat
257	211.2420	Fossil Fuel
258	211.2425	Fossil Fuel-Fired
259	211.2430	Fountain Solution
260	211.2450	Freeboard Height
261	211.2470	Fuel Combustion Emission Unit or Fuel Combustion Emission Source
262	211.2480	Fuel Tank Adhesive for Aerospace Applications
263	211.2485	Fuel Tank Coating for Aerospace Applications
264	211.2490	Fugitive Particulate Matter
265	211.2510	Full Operating Flowrate
266	211.2525	Gasket/Gasket Sealing Material
267	211.2530	Gas Service
268	211.2550	Gas/Gas Method
269	211.2570	Gasoline
270	211.2590	Gasoline Dispensing Operation or Gasoline Dispensing Facility
271	211.2610	Gel Coat
272	211.2612	General Aviation
273	211.2613	General Aviation Rework Facility
274	211.2615	General Work Surface
275	211.2620	Generator
276	211.2622	Glass Bonding Primer
277	211.2625	Glass Melting Furnace
278	211.2630	Gloss Reducers
279	211.2650	Grain
280	211.2670	Grain-Drying Operation
281	211.2690	Grain-Handling and Conditioning Operation
282	211.2710	Grain-Handling Operation
283	211.2730	Green-Tire Spraying
284	211.2750	Green Tires
285	211.2770	Gross Heating Value
286	211.2790	Gross Vehicle Weight Rating
287	211.2795	Hand-Wipe Cleaning Operation at Aerospace Facilities

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

288	211.2800	Hardwood Plywood
289	211.2810	Heated Airless Spray
290	211.2815	Heat Input
291	211.2820	Heat Input Rate
292	211.2825	Heat-Resistant Coating
293	211.2830	Heatset
294	211.2840	Heatset Web Letterpress Printing Line
295	211.2850	Heatset Web Offset Lithographic Printing Line
296	211.2870	Heavy Liquid
297	211.2890	Heavy Metals
298	211.2910	Heavy Off-Highway Vehicle Products
299	211.2930	Heavy Off-Highway Vehicle Products Coating
300	211.2950	Heavy Off-Highway Vehicle Products Coating Line
301	211.2955	High Bake Coating
302	211.2956	High Build Primer Surfacer
303	211.2958	High Gloss Coating
304	211.2960	High-Performance Architectural Coating
305	211.2965	High Precision Optic
306	211.2970	High Temperature Aluminum Coating
307	211.2980	High Temperature Coating
308	211.2990	High Volume Low Pressure (HVLP) Spray
309	211.3010	Hood
310	211.3030	Hot Well
311	211.3050	Housekeeping Practices
312	211.3070	Incinerator
313	211.3090	Indirect Heat Transfer
314	211.3095	Indoor Floor Covering Installation Adhesive
315	211.3100	Industrial Boiler
316	211.3110	Ink
317	211.3120	In-Line Repair
318	211.3130	In-Process Tank
319	211.3150	In-Situ Sampling Systems
320	211.3160	Insulation Covering
321	211.3170	Interior Body Spray Coat
322	211.3180	Immediate Intermediate Release Coating
323	211.3190	Internal-Floating Roof
324	211.3210	Internal Transferring Area
325	211.3215	Janitorial Cleaning
326	211.3230	Lacquers
327	211.3240	Laminate
328	211.3250	Large Appliance

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

329	211.3270	Large Appliance Coating
330	211.3290	Large Appliance Coating Line
331	211.3300	Lean-Burn Engine
332	211.3305	Letterpress Printing Line
333	211.3310	Light Liquid
334	211.3330	Light-Duty Truck
335	211.3350	Light Oil
336	211.3355	Lime Kiln
337	211.3360	Limited Access Space
338	211.3370	Liquid/Gas Method
339	211.3390	Liquid-Mounted Seal
340	211.3410	Liquid Service
341	211.3430	Liquids Dripping
342	211.3450	Lithographic Printing Line
343	211.3470	Load-Out Area
344	211.3475	Load Shaving Unit
345	211.3480	Loading Event
346	211.3483	Long Dry Kiln
347	211.3485	Long Wet Kiln
348	211.3487	Low-NOx Burner
349	211.3490	Low Solvent Coating
350	211.3500	Lubricating Oil
351	211.3505	Lubricating Wax/Compound
352	211.3510	Magnet Wire
353	211.3530	Magnet Wire Coating
354	211.3550	Magnet Wire Coating Line
355	211.3555	Maintenance Cleaning
356	211.3570	Major Dump Pit
357	211.3590	Major Metropolitan Area (MMA)
358	211.3610	Major Population Area (MPA)
359	211.3620	Manually Operated Equipment
360	211.3630	Manufacturing Process
361	211.3650	Marine Terminal
362	211.3660	Marine Vessel
363	211.3665	Mask Coating
364	211.3670	Material Recovery Section
365	211.3690	Maximum Theoretical Emissions
366	211.3695	Maximum True Vapor Pressure
367	211.3705	Medical Device
368	211.3707	Medical Device and Pharmaceutical Manufacturing
369	211.3710	Metal Furniture

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

370	211.3730	Metal Furniture Coating
371	211.3750	Metal Furniture Coating Line
372	211.3755	Metalized Epoxy Coating
373	211.3760	Metallic Coating
374	211.3770	Metallic Shoe-Type Seal
375	211.3775	Metal to Urethane/Rubber Molding or Casting Adhesive
376	211.3780	Mid-Kiln Firing
377	211.3785	Military Specification Coating
378	211.3790	Miscellaneous Fabricated Product Manufacturing Process
379	211.3810	Miscellaneous Formulation Manufacturing Process
380	211.3820	Miscellaneous Industrial Adhesive Application Operation
381	211.3830	Miscellaneous Metal Parts and Products
382	211.3850	Miscellaneous Metal Parts and Products Coating
383	211.3870	Miscellaneous Metal Parts or Products Coating Line
384	211.3890	Miscellaneous Organic Chemical Manufacturing Process
385	211.3910	Mixing Operation
386	211.3915	Mobile Equipment
387	211.3920	Mold Release Coating for Aerospace Applications
388	211.3925	Mold Seal Coating
389	211.3930	Monitor
390	211.3950	Monomer
391	211.3960	Motor Vehicles
392	211.3961	Motor Vehicle Adhesive
393	211.3965	Motor Vehicle Refinishing
394	211.3966	Motor Vehicle Weatherstrip Adhesive
395	211.3967	Mouth Waterproofing Sealant
396	211.3968	Multi-Colored Coating
397	211.3969	Multi-Component Coating
398	211.3970	Multiple Package Coating
399	211.3975	Multipurpose Construction Adhesive
400	211.3980	Nameplate Capacity
401	211.3985	Natural Finish Hardwood Plywood Panel
402	211.3990	New Grain-Drying Operation (Repealed)
403	211.4010	New Grain-Handling Operation (Repealed)
404	211.4030	No Detectable Volatile Organic Material Emissions
405	211.4050	Non-Contact Process Water Cooling Tower
406	211.4052	Non-Convertible Coating
407	211.4055	Non-Flexible Coating
408	211.4065	Non-Heatset
409	211.4066	Nonstructural Adhesive
410	211.4067	NOx Trading Program

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

411	211.4070	Offset
412	211.4080	One-Component Coating
413	211.4090	One Hundred Percent Acid
414	211.4110	One-Turn Storage Space
415	211.4130	Opacity
416	211.4150	Opaque Stains
417	211.4170	Open Top Vapor Degreasing
418	211.4190	Open-Ended Valve
419	211.4210	Operator of a Gasoline Dispensing Operation or Operator of a Gasoline
420		Dispensing Facility
421	211.4215	Optical Antireflection Coating
422	211.4220	Optical Coating
423	211.4230	Organic Compound
424	211.4250	Organic Material and Organic Materials
425	211.4260	Organic Solvent
426	211.4270	Organic Vapor
427	211.4280	Other Glass
428	211.4285	Outdoor Floor Covering Installation Adhesive
429	211.4290	Oven
430	211.4310	Overall Control
431	211.4330	Overvarnish
432	211.4350	Owner of a Gasoline Dispensing Operation or Owner of a Gasoline Dispensing
433		Facility
434	211.4370	Owner or Operator
435	211.4390	Packaging Rotogravure Printing
436	211.4410	Packaging Rotogravure Printing Line
437	211.4430	Pail
438	211.4450	Paint Manufacturing Source or Paint Manufacturing Plant
439	211.4455	Pan-Backing Coating
440	211.4460	Panel
441	211.4470	Paper Coating
442	211.4490	Paper Coating Line
443	211.4510	Particulate Matter
444	211.4530	Parts Per Million (Volume) or PPM (Vol)
445	211.4535	Part Marking Aerospace Coating
446	211.4540	Perimeter Bonded Sheet Flooring
447	211.4550	Person
448	211.4590	Petroleum
449	211.4610	Petroleum Liquid
450	211.4630	Petroleum Refinery
451	211.4650	Pharmaceutical

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

452	211.4670	Pharmaceutical Coating Operation
453	211.4690	Photochemically Reactive Material
454	211.4710	Pigmented Coatings
455	<u>211.4720</u>	<u>Pipeline Natural Gas</u>
456	211.4730	Plant
457	211.4735	Plastic
458	211.4740	Plastic Part
459	211.4750	Plasticizers
460	211.4760	Plastic Solvent Welding Adhesive
461	211.4765	Plastic Solvent Welding Adhesive Primer
462	211.4768	Pleasure Craft
463	211.4769	Pleasure Craft Surface Coating
464	211.4770	PM-10 <u>PM₁₀</u>
465	211.4790	Pneumatic Rubber Tire Manufacture
466	211.4810	Polybasic Organic Acid Partial Oxidation Manufacturing Process
467	211.4830	Polyester Resin Material(s)
468	211.4850	Polyester Resin Products Manufacturing Process
469	211.4870	Polystyrene Plant
470	211.4890	Polystyrene Resin
471	211.4895	Polyvinyl Chloride Plastic (PVC Plastic)
472	211.4900	Porous Material
473	211.4910	Portable Grain-Handling Equipment
474	211.4930	Portland Cement Manufacturing Process Emission Source
475	211.4950	Portland Cement Process or Portland Cement Manufacturing Plant
476	211.4960	Potential Electrical Output Capacity
477	211.4970	Potential to Emit (<u>PTE</u>)
478	211.4990	Power Driven Fastener Coating
479	211.5010	Precoat
480	211.5012	Prefabricated Architectural Coating
481	211.5015	Preheater Kiln
482	211.5020	Preheater/Precalciner Kiln
483	211.5030	Pressure Release
484	211.5050	Pressure Tank
485	211.5060	Pressure/Vacuum Relief Valve
486	211.5061	Pretreatment Coating
487	211.5062	Pretreatment Wash Primer
488	211.5065	Primary Product
489	211.5070	Prime Coat
490	211.5072	Primer for General Aviation Rework Facility
491	211.5075	Primer Sealant
492	211.5080	Primer Sealer

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

493	211.5090	Primer Surfacer Coat
494	211.5110	Primer Surfacer Operation
495	211.5130	Primers
496	211.5140	Printed Interior Panel
497	211.5150	Printing
498	211.5170	Printing Line
499	211.5185	Process Emission Source
500	211.5190	Process Emission Unit
501	211.5195	Process Heater
502	211.5210	Process Unit
503	211.5230	Process Unit Shutdown
504	211.5245	Process Vent
505	211.5250	Process Weight Rate
506	211.5270	Production Equipment Exhaust System
507	211.5310	Publication Rotogravure Printing Line
508	211.5330	Purged Process Fluid
509	211.5335	Radiation Effect Coating
510	211.5336	Radiation-Effect or Electric Coating
511	211.5337	Radome
512	211.5338	<u>Radome</u>
513	<u>211.5339</u>	Rain Erosion-Resistant Coating
514	211.5340	Rated Heat Input Capacity
515	211.5350	Reactor
516	211.5370	Reasonably Available Control Technology (RACT)
517	211.5390	Reclamation System
518	211.5400	Red Coating
519	211.5410	Refiner
520	211.5430	Refinery Fuel Gas
521	211.5450	Refinery Fuel Gas System
522	211.5470	Refinery Unit or Refinery Process Unit
523	211.5480	Reflective Argent Coating
524	211.5490	Refrigerated Condenser
525	211.5500	Regulated Air Pollutant
526	211.5510	Reid Vapor Pressure
527	211.5520	Reinforced Plastic Composite
528	211.5530	Repair
529	211.5535	Repair Cleaning
530	211.5550	Repair Coat
531	211.5570	Repaired
532	211.5580	Repowering
533	211.5585	Research and Development Operation

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

534	211.5590	Residual Fuel Oil
535	211.5600	Resist Coat
536	211.5610	Restricted Area
537	211.5630	Retail Outlet
538	211.5640	Rich-Burn Engine
539	211.5650	Ringelmann Chart (Repealed)
540	211.5670	Roadway
541	211.5675	Rocket Motor Bonding Adhesive
542	211.5680	Rocket Motor Nozzle Coating
543	211.5690	Roll Coater
544	211.5710	Roll Coating
545	211.5730	Roll Printer
546	211.5750	Roll Printing
547	211.5770	Rotogravure Printing
548	211.5790	Rotogravure Printing Line
549	211.5800	Rubber
550	211.5805	Rubber-Based Adhesive
551	211.5810	Safety Relief Valve
552	211.5830	Sandblasting
553	211.5850	Sanding Sealers
554	211.5885 <u>211.5855</u>	Scale Inhibitor
555	211.5860	Scientific Instrument
556	211.5870	Screening
557	211.5875	Screen Printing
558	211.5880	Screen Printing on Paper
559	211.5883	Screen Print Ink for Aerospace Applications
560	211.5885	Screen Reclamation
561	211.5887	Sealant for Aerospace Applications
562	211.5890	Sealer
563	211.5895	Seal Coat Maskant
564	211.5900	Self-Priming Topcoat for Aerospace Applications
565	211.5905	Self-Priming Topcoat for General Aviation Rework Facility
566	211.5907	Semi-Aqueous Cleaning Solvent
567	211.5910	Semi-Transparent Stains
568	211.5930	Sensor
569	211.5950	Set of Safety Relief Valves
570	211.5970	Sheet Basecoat
571	211.5980	Sheet-Fed
572	211.5985	Sheet Rubber Lining Installation
573	211.5987	Shock-Free Coating
574	211.5990	Shotblasting

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

575	211.6010	Side-Seam Spray Coat
576	211.6012	Silicone-Release Coating
577	211.6013	Silicone Insulation Material
578	211.6015	Single-Ply Roof Membrane
579	211.6017	Single-Ply Roof Membrane Adhesive Primer
580	211.6020	Single-Ply Roof Membrane Installation and Repair Adhesive
581	211.6025	Single Unit Operation
582	211.6030	Smoke
583	211.6050	Smokeless Flare
584	211.6055	Smoothing and Caulking Compound <u>Compounds</u>
585	211.6060	Soft Coat
586	211.6063	Solar-Absorbent Coating
587	211.6064	Solid Film Lubricant
588	211.6065	Solids Turnover Ratio (RT)
589	211.6070	Solvent
590	211.6090	Solvent Cleaning
591	211.6110	Solvent Recovery System
592	211.6130	Source
593	211.6133	Space Vehicle
594	211.6137	Specialized Function Coating
595	211.6140	Specialty Coatings
596	211.6145	Specialty Coatings for Motor Vehicles
597	211.6150	Specialty High Gloss Catalyzed Coating
598	211.6170	Specialty Leather
599	211.6190	Specialty Soybean Crushing Source
600	211.6210	Splash Loading
601	211.6230	Stack
602	211.6250	Stain Coating
603	211.6270	Standard Conditions
604	211.6290	Standard Cubic Foot (scf)
605	211.6310	Start-Up
606	211.6330	Stationary Emission Source
607	211.6350	Stationary Emission Unit
608	211.6355	Stationary Gas Turbine
609	211.6360	Stationary Reciprocating Internal Combustion Engine
610	211.6370	Stationary Source
611	211.6390	Stationary Storage Tank
612	211.6400	Stencil Coat
613	211.6405	Sterilization Indicating Ink
614	211.6410	Storage Tank or Storage Vessel
615	211.6420	Strippable Spray Booth Coating

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

616	211.6425	Stripping
617	211.6426	Structural Autoclavable Adhesive for Aerospace Applications
618	211.6427	Structural Glazing
619	211.6428	Structural Nonautoclavable Adhesive for Aerospace Applications
620	211.6430	Styrene Devolatilizer Unit
621	211.6450	Styrene Recovery Unit
622	211.6460	Subfloor
623	211.6470	Submerged Loading Pipe
624	211.6490	Substrate
625	211.6510	Sulfuric Acid Mist
626	211.6530	Surface Condenser
627	211.6535	Surface Preparation
628	211.6540	Surface Preparation Materials
629	211.6550	Synthetic Organic Chemical or Polymer Manufacturing Plant
630	211.6570	Tablet Coating Operation
631	211.6575	Temporary Protective Coating for Aerospace Applications
632	211.6580	Texture Coat
633	211.6583	Thermal Control Coating for Aerospace Applications
634	211.6585	Thin Metal Laminating Adhesive
635	211.6587	Thin Particleboard
636	211.6590	Thirty-Day Rolling Average
637	211.6610	Three-Piece Can
638	211.6620	Three- or Four-Stage <u>Four-Stage</u> Coating System
639	211.6630	Through-the-Valve Fill
640	211.6635	Tileboard
641	211.6640	Tire Repair
642	211.6650	Tooling Resin
643	211.6670	Topcoat
644	211.6685	Topcoat for General Aviation Rework Facility
645	211.6690	Topcoat Operation
646	211.6695	Topcoat System
647	211.6710	Touch-Up
648	211.6720	Touch-Up Coating
649	211.6730	Transfer Efficiency
650	211.6740	Translucent Coating
651	211.6750	Tread End Cementing
652	211.6770	True Vapor Pressure
653	211.6780	Trunk Interior Coating
654	211.6790	Turnaround
655	211.6810	Two-Piece Can
656	211.6825	Underbody Coating

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657	211.6830	Under-the-Cup Fill
658	211.6850	Undertread Cementing
659	211.6860	Uniform Finish Blender
660	211.6870	Unregulated Safety Relief Valve
661	211.6880	Vacuum Metallizing
662	211.6885	Vacuum Metalizing Coating
663	211.6890	Vacuum Producing System
664	211.6910	Vacuum Service
665	211.6930	Valves Not Externally Regulated
666	211.6950	Vapor Balance System
667	211.6970	Vapor Collection System
668	211.6990	Vapor Control System
669	211.7010	Vapor-Mounted Primary Seal
670	211.7030	Vapor Recovery System
671	211.7050	Vapor-Suppressed Polyester Resin
672	211.7070	Vinyl Coating
673	211.7090	Vinyl Coating Line
674	211.7110	Volatile Organic Liquid (VOL)
675	211.7130	Volatile Organic Material Content (VOMC)
676	211.7150	Volatile Organic Material (VOM) or Volatile Organic Compound (VOC)
677	211.7170	Volatile Petroleum Liquid
678	211.7190	Wash Coat
679	211.7200	Washoff Operations
680	211.7210	Wastewater (Oil/Water) Separator
681	211.7220	Waterproof Resorcinol Glue
682	211.7230	Weak Nitric Acid Manufacturing Process
683	211.7240	Weatherstrip Adhesive
684	211.7250	Web
685	211.7260	Wet Fastener Installation Coating
686	211.7275	Wing Coating
687	211.7270	Wholesale Purchase – Consumer
688	211.7290	Wood Furniture
689	211.7310	Wood Furniture Coating
690	211.7330	Wood Furniture Coating Line
691	211.7350	Woodworking
692	211.7400	Yeast Percentage
693		
694	Section 211.APPENDIX A	Rule into Section Table (Repealed)
695	Section 211.APPENDIX B	Section into Rule Table (Repealed)
696		
697	AUTHORITY: Implementing Sections 9, 9.1, 9.9 and 10 and authorized by Section 27 of the	

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698 Environmental Protection Act [415 ILCS 5/9, 9.1, 9.9, 10, 27].
699
700 SOURCE: Adopted as Chapter 2: Air Pollution, Rule 201: Definitions, R71-23, 4 PCB 191,
701 filed and effective April 14, 1972; amended in R74-2 and R75-5, 32 PCB 295, at 3 Ill. Reg. 5, p.
702 777, effective February 3, 1979; amended in R78-3 and 4, 35 PCB 75 and 243, at 3 Ill. Reg. 30,
703 p. 124, effective July 28, 1979; amended in R80-5, at 7 Ill. Reg. 1244, effective January 21,
704 1983; codified at 7 Ill. Reg. 13590; amended in R82-1 (Docket A) at 10 Ill. Reg. 12624, effective
705 July 7, 1986; amended in R85-21(A) at 11 Ill. Reg. 11747, effective June 29, 1987; amended in
706 R86-34 at 11 Ill. Reg. 12267, effective July 10, 1987; amended in R86-39 at 11 Ill. Reg. 20804,
707 effective December 14, 1987; amended in R82-14 and R86-37 at 12 Ill. Reg. 787, effective
708 December 24, 1987; amended in R86-18 at 12 Ill. Reg. 7284, effective April 8, 1988; amended
709 in R86-10 at 12 Ill. Reg. 7621, effective April 11, 1988; amended in R88-23 at 13 Ill. Reg.
710 10862, effective June 27, 1989; amended in R89-8 at 13 Ill. Reg. 17457, effective January 1,
711 1990; amended in R89-16(A) at 14 Ill. Reg. 9141, effective May 23, 1990; amended in
712 R88-30(B) at 15 Ill. Reg. 5223, effective March 28, 1991; amended in R88-14 at 15 Ill. Reg.
713 7901, effective May 14, 1991; amended in R91-10 at 15 Ill. Reg. 15564, effective October 11,
714 1991; amended in R91-6 at 15 Ill. Reg. 15673, effective October 14, 1991; amended in R91-22 at
715 16 Ill. Reg. 7656, effective May 1, 1992; amended in R91-24 at 16 Ill. Reg. 13526, effective
716 August 24, 1992; amended in R93-9 at 17 Ill. Reg. 16504, effective September 27, 1993;
717 amended in R93-11 at 17 Ill. Reg. 21471, effective December 7, 1993; amended in R93-14 at 18
718 Ill. Reg. 1253, effective January 18, 1994; amended in R94-12 at 18 Ill. Reg. 14962, effective
719 September 21, 1994; amended in R94-14 at 18 Ill. Reg. 15744, effective October 17, 1994;
720 amended in R94-15 at 18 Ill. Reg. 16379, effective October 25, 1994; amended in R94-16 at 18
721 Ill. Reg. 16929, effective November 15, 1994; amended in R94-21, R94-31 and R94-32 at 19 Ill.
722 Reg. 6823, effective May 9, 1995; amended in R94-33 at 19 Ill. Reg. 7344, effective May 22,
723 1995; amended in R95-2 at 19 Ill. Reg. 11066, effective July 12, 1995; amended in R95-16 at 19
724 Ill. Reg. 15176, effective October 19, 1995; amended in R96-5 at 20 Ill. Reg. 7590, effective
725 May 22, 1996; amended in R96-16 at 21 Ill. Reg. 2641, effective February 7, 1997; amended in
726 R97-17 at 21 Ill. Reg. 6489, effective May 16, 1997; amended in R97-24 at 21 Ill. Reg. 7695,
727 effective June 9, 1997; amended in R96-17 at 21 Ill. Reg. 7856, effective June 17, 1997;
728 amended in R97-31 at 22 Ill. Reg. 3497, effective February 2, 1998; amended in R98-17 at 22 Ill.
729 Reg. 11405, effective June 22, 1998; amended in R01-9 at 25 Ill. Reg. 108, effective December
730 26, 2000; amended in R01-11 at 25 Ill. Reg. 4582, effective March 15, 2001; amended in R01-17
731 at 25 Ill. Reg. 5900, effective April 17, 2001; amended in R05-16 at 29 Ill. Reg. 8181, effective
732 May 23, 2005; amended in R05-11 at 29 Ill. Reg. 8892, effective June 13, 2005; amended in
733 R04-12/20 at 30 Ill. Reg. 9654, effective May 15, 2006; amended in R07-18 at 31 Ill. Reg.
734 14254, effective September 25, 2007; amended in R08-6 at 32 Ill. Reg. 1387, effective January
735 16, 2008; amended in R07-19 at 33 Ill. Reg. 11982, effective August 6, 2009; amended in
736 R08-19 at 33 Ill. Reg. 13326, effective August 31, 2009; amended in R10-7 at 34 Ill. Reg. 1391,
737 effective January 11, 2010; amended in R10-8 at 34 Ill. Reg. 9069, effective June 25, 2010;
738 amended in R10-20 at 34 Ill. Reg. 14119, effective September 14, 2010; amended in R11-23 at

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739 35 Ill. Reg. 13451, effective July 27, 2011; amended in R12-24 at 37 Ill. Reg. 1662, effective
740 January 28, 2013; amended in R13-1 at 37 Ill. Reg. 1913, effective February 4, 2013; amended in
741 R14-7 at 37 Ill. Reg. 19824, effective November 27, 2013; amended in R14-16 at 38 Ill. Reg.
742 12876, effective June 9, 2014; amended in ~~R14-16 at 39 Ill. Reg. 5410, effective March 24,~~
743 ~~2015; amended in~~ R15-5 at 39 Ill. Reg. 5410, effective March 24, 2015; amended in R17-2 at 41
744 Ill. Reg. 1096, effective January 23, 2017; amended in R17-9 at 41 Ill. Reg. 4173, effective
745 March 24, 2017; amended in R17-11 at 41 Ill. Reg. 13389, effective October 23, 2017; amended
746 in R19-15 at 44 Ill. Reg. 14199, effective August 18, 2020; amended in R19-1 at 44 Ill. Reg.
747 15009, effective September 4, 2020; amended in R21-18 at 45 Ill. Reg. 3509, effective March 4,
748 2021; amended in R24-8 at 48 Ill. Reg. 1144, effective January 4, 2024; amended in R18-21 at
749 50 Ill. Reg. _____, effective _____.

750
751 SUBPART A: GENERAL PROVISIONS

752
753 **Section 211.101 ~~Incorporations by Reference~~ Incorporated and Referenced Materials**

754
755 The following materials are incorporated by reference. These incorporations do not include any
756 later amendments or editions.

757
758 a) Incorporations by Reference

- 759
- 760 1) API Manual of Petroleum Measurement Standards Chapter 91.2
- 761 Evaporative Loss from Floating-roof Tanks, American Petroleum Institute
- 762 (August 2000)
- 763
- 764 2) Standard Industrial Classification Manual, Superintendent of Documents,
- 765 Washington, D.C. 20402 (1987)
- 766
- 767 3) American Society for Testing and Materials, 100 Barr Harbor Dr., West
- 768 Conshohocken, PA 19428-2959
- 769
- 770 ~~A) A)~~ A) ASTM D86-23a – Standard Test Method for Distillation of
- 771 Petroleum Products and Liquid Fuels at Atmospheric Pressure
- 772
- 773 ~~B) B)~~ B) ASTM D240-19 – Standard Test Method for Heat of Combustion
- 774 of Liquid Hydrocarbon Fuels by Bomb Calorimeter
- 775
- 776 ~~C) C)~~ C) ASTM D323-20a – Standard Test Method for Vapor Pressure of
- 777 Petroleum Products (Reid Method)
- 778

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820
821 (Source: Amended at 50 Ill. Reg. _____, effective _____)
822

823 **Section 211.102 Abbreviations and Conversion Factors**
824

825 a) This Part uses the following abbreviations:
826

S	rylonitrile butadiene styrene
GM	merican Society for Testing and Materials
<u>gal</u>	rells (42 gallons)
<u>btu</u>	itish thermal units (60 °F)
hr	u per hour
	degrees Celsius or Centigrade
APP	ean Air Act Permit Program
<u>cm</u>	ntimeters
in	bic inches
z	ectrodeposition primer
I/RFI	ectromagnetic interference/radio frequency interference
MPM	nylene propylenediene monomer
J	ectrical Generating Unit
=	degrees Fahrenheit
	ederal Implementation Plan
=	et
=	quare feet
	bic feet
=	ams
<u>mgpm</u>	llons per minute
ole	ams per mole
<u>gal</u>	llons
<u>hp</u>	orsepower
<u>hr</u>	ours
=	ch
=	degrees Kelvin
=	ocalories
<u>kg</u>	lograms
hr	lograms per hour
	opascals; one thousand newtons per square meter
	owatt
L or <u>L or l</u>	ers
s	ers per second
<u>lbs</u>	ounds

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day	pounds per day
hr	pounds per hour
gal	pounds per gallon
yr	pounds per year
<u>l</u>	lower explosive limit
<u>l</u>	liters
	square meters
	cubic meters
<u>mg</u>	milligrams
	megagrams; metric tons or tonnes
<u>ml</u>	milliliters
<u>min</u>	minutes
	megajoules
<hr/>	
lbtu/hr	million British thermal units per hour
Hg	millimeters of mercury
E	maximum theoretical emissions
ew	megawatt of electricity
Mw	megawatt; one million watts
Mwhr	megawatt per hour
OD	operational draft opening
NOx	nitrogen oxides
EOC	potential electrical output capacity
1 (vol)	parts per million
1v	parts per million by volume
1vd	parts per million by volume dry
<u>psi</u>	pounds per square inch
<u>psia</u>	pounds per square inch absolute
<u>psig</u>	pounds per square inch gauge
PE	potential to emit
ACT	reasonably available control technology
	slits turnover ratio
<u>scf</u>	standard cubic feet
<u>scm</u>	standard cubic meters
<u>sec</u>	seconds
	State Implementation Plan
TE	temporary total enclosure
cm	square centimeters
in	square inches
	short ton (2,000 lbs)
<u>ton</u>	short ton (2,000 lbs)

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- 7 ns per year
- EPA nited States Environmental Protection Agency
- C volatile organic compounds
- L volatile organic liquids
- M volatile organic materials

827

828

829

b) This Part uses the following conversion factors:

English	Metric
1 gal	3.785 l
1,000 gal	3,785 l or 3.785 m ³
1 psia	6.897 kPA (51.71 mmHg)
2.205 lbs	1 kg
32 °F	0 °C (273.15 °K)
1 bbl	159.0 l
1 cu in	16.39 ml
1 lb/gal	119,800 mg/l
1 lb/MMbtu	1.548 kg/MW-hr
1 lb/T	0.500 kg/Mg
1 ton	0.907 Mg
1 T	0.907 Mg
MMbtu/hr <u>MMbtuhr</u>	0.293 MW

830

831

832

833

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

834

SUBPART B: DEFINITIONS

835

836

Section 211.121 Other Definitions

837

838

839

840

841

All terms defined in 35 Ill. Adm. Code 201.102 have that definition in 35 Ill. Adm. Code 211 through 219. Terms not defined in 35 Ill. Adm. Code 201.102 have the definitions specified in this Part.

842

843

844

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

845

Section 211.170 Acid Gases

846

847

848

"Acid gases" means, for Section 9.4 of the Environmental Protection Act [415 ILCS 5/9.4], hydrogen chloride, hydrogen fluoride, and hydrogen bromide, which exist as gases, liquid mist,

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849 or any combination of them.

850

851 (Source: Amended at 50 Ill. Reg. , effective
852)

853

854 **Section 211.200 Acrylonitrile Butadiene Styrene (ABS) Welding**

855

856 "Acrylonitrile butadiene styrene welding" or "ABS Welding" means, for Subparts JJ of 35 Ill.
857 Adm. Code 218 and 219, any process to weld acrylonitrile butadiene styrene pipe.

858

859 (Source: Amended at 50 Ill. Reg. , effective
860)

861

862 **Section 211.233 Adhesion Primer**

863

864 "Adhesion primer" means, for 35 Ill. Adm. Code 218 and 219, a coating applied to a polyolefin
865 part to promote the adhesion of a subsequent coating. An adhesion primer should be clearly
866 identified as an adhesion primer or adhesion promoter on its accompanying material safety data
867 sheet.

868

869 (Source: Amended at 50 Ill. Reg. , effective
870)

871

872 **Section 211.234 Adhesive Bonding Primer**

873

874 "Adhesive bonding primer" means a primer applied in a thin film to aerospace components for
875 corrosion inhibition and increased adhesive bond strength by attachment. There are two
876 categories of adhesive bonding primers: primers with a design cure at 250 °F or below and
877 primers with a design cure above 250 °F.

878

879 (Source: Amended at 50 Ill. Reg. , effective
880)

881

882 **Section 211.235 Adhesive Primer**

883

884 "Adhesive primer" means, for 35 Ill. Adm. Code 218 and 219, any product applied to a substrate,
885 before applying an adhesive, to provide a bonding surface.

886

887 (Source: Amended at 50 Ill. Reg. , effective
888)

889

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890 **Section 211.240 Adhesion Promoter**

891
892 "Adhesion promoter" means a coating used to promote adhesion of a topcoat on surfaces, such as
893 trim moldings, door locks, and door sills, where sanding is impractical.
894

895 (Source: Amended at 50 Ill. Reg. , effective
896)
897

898 **Section 211.260 Aerosol Adhesive and Adhesive Primer**

899
900 "Aerosol adhesive and adhesive primer" means, for 35 Ill. Adm. Code 218 and 219, an adhesive
901 or adhesive primer packaged as an aerosol product in which the spray mechanism is permanently
902 housed in a non-refillable can designed for handheld application without the need for ancillary
903 hoses or spray equipment.
904

905 (Source: Amended at 50 Ill. Reg. , effective
906)
907

908 **Section 211.272 Aerospace Coating**

909
910 "Aerospace coating" means a material applied to the surface of an aerospace vehicle or
911 component to form a decorative, protective, or functional solid film, or the solid film itself.
912

913 (Source: Amended at 50 Ill. Reg. , effective
914)
915

916 **Section 211.273 Aerospace Coating Operation**

917
918 "Aerospace coating operation" means using a spray booth, tank, or other enclosure or any area,
919 such as a hangar, to apply a single type of aerospace coating at an aerospace facility. Using the
920 same spray booth to apply another type of coating (e.g., a topcoat after having previously applied
921 a primer) constitutes a separate aerospace coating operation for which compliance
922 determinations are performed separately.
923

924 (Source: Amended at 50 Ill. Reg. , effective
925)
926

927 **Section 211.275 Aerospace Flexible Primer**

928
929 "Aerospace flexible primer" means a primer for aerospace use that meets flexibility
930 requirements, such as those needed for adhesive bond-primed fastener heads or on surfaces

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931 expected to contain fuel. The aerospace flexible coating is required because it provides a
932 compatible, flexible substrate over bonded sheet rubber and rubber-type coatings and a flexible
933 bridge between the fasteners, skin, and skin-to-skin joints on outer aircraft skins. This flexible
934 bridge allows more topcoat flexibility around fasteners and decreases the chance of the topcoat
935 cracking around the fasteners. The result is better corrosion resistance.

936
937 (Source: Amended at 50 Ill. Reg. , effective
938)
939

940 **Section 211.278 Aerospace Pretreatment Coating**

941
942 "Aerospace pretreatment coating" means an organic coating that contains at least 0.5% acids by
943 weight and is applied directly to metal or composite surfaces to provide surface etching,
944 corrosion resistance, adhesion, and ease of stripping.

945
946 (Source: Amended at 50 Ill. Reg. , effective
947)
948

949 **Section 211.280 Aerospace Primer**

950
951 "Aerospace primer" means the first layer and any subsequent layers of identically formulated
952 coating applied to the surface of an aerospace vehicle or component. Primers are typically used
953 for corrosion prevention, protection from the environment, functional fluid resistance, and
954 adhesion of subsequent coatings. This definition does not include primers listed as specialty
955 coatings in 35 Ill. Adm. Code 219.204(r)(2).

956
957 (Source: Amended at 50 Ill. Reg. , effective
958)
959

960 **Section 211.284 Aerospace Specialty Coating**

961
962 "Aerospace specialty coating" means a coating that, even though it meets the definition of a
963 primer, topcoat, or self-priming topcoat, has additional performance criteria beyond those of
964 primers, topcoats, and self-priming topcoats for specific applications. These performance
965 criteria may include temperature or fire resistance, substrate compatibility, antireflection,
966 temporary protection or marking, sealing, adhesively joining substrates, or enhanced corrosion
967 protection. Aerospace specialty coatings are listed in 35 Ill. Adm. Code 219.204(r)(2).

968
969 (Source: Amended at 50 Ill. Reg. , effective
970)
971

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972 **Section 211.289 Aerospace Vehicle or Component**

973
974 "Aerospace vehicle or component" means any fabricated part, processed part, assembly of parts,
975 or completed unit, except for electronic components, of any aircraft, including airplanes,
976 helicopters, missiles, rockets, and space vehicles. This term includes any raw material, partial or
977 completed fabricated part, assembly of parts, or completed unit of any aircraft, helicopter,
978 missile, or space vehicle, including mockups and prototypes, models, molds, jigs, tooling,
979 hardware jackets, and test coupons.

980
981 (Source: Amended at 50 Ill. Reg. , effective
982)

983
984 **Section 211.300 Aircraft Fluid Systems**

985
986 "Aircraft fluid systems" means systems that handle hydraulic fluids, fuel, cooling fluids, or oils.

987
988 (Source: Amended at 50 Ill. Reg. , effective
989)

990
991 **Section 211.303 Aircraft Transparencies**

992
993 "Aircraft transparencies" means the aircraft windshield, canopy, passenger windows, lenses, and
994 other components constructed of transparent materials.

995
996 (Source: Amended at 50 Ill. Reg. , effective
997)

998
999 **Section 211.310 Air Contaminant**

1000
1001 "Air contaminant" means any solid, liquid, or gaseous matter, any odor, or any form of energy
1002 capable of being released into the atmosphere.

1003
1004 (Source: Amended at 50 Ill. Reg. , effective
1005)

1006
1007 **Section 211.330 Air Dried Coatings**

1008
1009 "Air dried coatings" means any coatings that dry using air or forced air at temperatures up to
1010 363.15 °K (194 °F).

1011
1012 (Source: Amended at 50 Ill. Reg. , effective

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1013 _____)

1014

1015 **Section 211.370 Air Pollutant**

1016

1017 "Air pollutant" means an air pollution agent or combination of agents, including any physical,
1018 chemical, biological, or radioactive (including source material, special nuclear material, and
1019 byproduct material) substance or matter which is emitted into or otherwise enters the
1020 atmosphere. "Air pollutant" includes any precursors to the formation of any air pollutant, to the
1021 extent that the relevant statute or rule has identified the precursor or precursors for the particular
1022 purpose for which the term "air pollutant" is used.

1023

1024 (Source: Amended at 50 Ill. Reg. _____, effective

1025 _____)

1026

1027 **Section 211.410 Air Pollution Control Equipment**

1028

1029 "Air pollution control equipment" means any equipment or apparatus of a type intended to
1030 eliminate, prevent, reduce, or control the emission of air contaminants to the atmosphere.

1031

1032 BOARD NOTE: The requirements under 35 Ill. Adm. Code 201.Subpart C to obtain permits for
1033 air pollution control equipment apply to equipment intended to eliminate, prevent, reduce, or
1034 control the emissions of specified air contaminants from stationary emission units.

1035

1036 (Source: Amended at 50 Ill. Reg. _____, effective

1037 _____)

1038

1039 **Section 211.470 Air Assisted Airless Spray**

1040

1041 "Air assisted airless spray" means a spray coating method which combines compressed air with
1042 hydraulic pressure to atomize the coating material into finer droplets than is achieved with pure
1043 airless spray. This method uses lower hydraulic pressure than airless spray.

1044

1045 (Source: Amended at 50 Ill. Reg. _____, effective

1046 _____)

1047

1048 **Section 211.474 Alcohol**

1049

1050 "Alcohol" means, for 35 Ill. Adm. Code 218.405 through 218.411 and 219.405 through 219.411,
1051 isopropyl alcohol, normal propyl alcohol, or ethanol used in a fountain solution in a lithographic
1052 printing operation.

1053

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1054 (Source: Amended at 50 Ill. Reg. _____, effective
1055 _____)
1056

Section 211.479 Allowance

1057
1058
1059 "Allowance" means an authorization to emit up to one ton of NO_x during the control period of a
1060 specified year or any year after it under 35 Ill. Adm. Code 217 and 40 CFR 96.
1061

1062 (Source: Amended at 50 Ill. Reg. _____, effective
1063 _____)
1064

Section 211.481 Ammunition Sealant

1065
1066
1067 "Ammunition sealant" means a coating applied in the manufacture of ammunition, including cap
1068 sealants and mouth waterproofing sealants.
1069

1070 (Source: Amended at 50 Ill. Reg. _____, effective
1071 _____)
1072

Section 211.484 Animal

1073
1074
1075 "Animal" means any organism other than a human being of the kingdom Animalia, distinguished
1076 from other multicellular organisms by certain typical characteristics such as the power of
1077 locomotion, fixed structure and limited growth, and ~~non-photosynthetic~~non-photosynthetic
1078 metabolism.
1079

1080 (Source: Amended at 50 Ill. Reg. _____, effective
1081 _____)
1082

Section 211.485 Animal Pathological Waste

1083
1084
1085 "Animal pathological waste" means waste composed of whole or parts of animal carcasses and
1086 noncarcass materials, such as plastic, paper wrapping, and animal collars. Noncarcass materials
1087 must not exceed 10% by weight of the total weight of the carcass and noncarcass materials
1088 combined.
1089

1090 (Source: Amended at 50 Ill. Reg. _____, effective
1091 _____)
1092

Section 211.490 Annual Grain Through-Put

1093
1094

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1095 "Annual grain through-put" means, for grain-handling operations which have been operating for
1096 three consecutive years before June 30, 1975, the amount determined by adding grain receipts
1097 and shipments for the three previous fiscal years and dividing the total by six, unless otherwise
1098 shown by the owner or operator. "Annual grain through-put" for grain-handling operations
1099 operating for less than three consecutive years before June 30, 1975, means the amount
1100 determined by a reasonable three-year estimate, for which the owner or operator must document
1101 the reasonableness.
1102

1103 (Source: Amended at 50 Ill. Reg. , effective
1104)
1105

1106 **Section 211.492 Antifoulant Coating**
1107

1108 "Antifoulant coating" means, for 35 Ill. Adm. Code 218 and 219, any coating applied to the
1109 underwater portion of a pleasure craft to prevent or reduce the attachment of biological
1110 organisms and registered with USEPA as a pesticide under the Federal Insecticide, Fungicide,
1111 and Rodenticide Act (7 USC 136).
1112

1113 (Source: Amended at 50 Ill. Reg. , effective
1114)
1115

1116 **Section 211.493 Antifouling Sealer/Tie Coat**
1117

1118 "Antifouling sealer/tie coat" means a coating applied over biocidal antifouling coating to prevent
1119 release of biocides into the environment, promote adhesion between an antifouling and a primer
1120 or other antifouling, or both.
1121

1122 (Source: Amended at 50 Ill. Reg. , effective
1123)
1124

1125 **Section 211.495 Anti-Glare/Safety Coating**
1126

1127 "Anti-glare/safety coating" means a low gloss coating formulated to minimize glare for safety
1128 purposes on interior surfaces of a vehicle under U.S. Department of Transportation Motor
1129 Vehicle Safety Standards.
1130

1131 (Source: Amended at 50 Ill. Reg. , effective
1132)
1133

1134 **Section 211.510 Application Area**
1135

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1136 "Application area" means an area where a coating is applied by dipping, spraying, or other
1137 techniques.
1138

1139 (Source: Amended at 50 Ill. Reg. , effective
1140)
1141

1142 **Section 211.520 Aqueous Cleaning Solvent**
1143

1144 "Aqueous cleaning solvent" means a cleaning solvent in which water is the primary ingredient
1145 (at least 80% of the cleaning solvent solution, as applied, must be water). Detergents,
1146 surfactants, and bioenzyme mixtures and nutrients may be combined with the water, along with a
1147 variety of additives, such as organic solvents (e.g., high boiling point alcohols), builders,
1148 saponifiers, inhibitors, emulsifiers, pH buffers, and antifoaming agents. Aqueous solutions must
1149 have a flash point greater than 93 °C (200 °F) (as reported by the manufacturer), and the solution
1150 must be miscible with water.
1151

1152 (Source: Amended at 50 Ill. Reg. , effective
1153)
1154

1155 **Section 211.540 Architectural Structure**
1156

1157 "Architectural structure" means, for 35 Ill. Adm. Code 218 and 219, a free-standing, immobile
1158 outdoor construction, which may be permanent or temporary, including buildings, bridges, dams,
1159 and electricity pylons.
1160

1161 (Source: Amended at 50 Ill. Reg. , effective
1162)
1163

1164 **Section 211.610 Automobile**
1165

1166 "Automobile" means a motor vehicle which normally has four wheels, is used predominantly for
1167 carrying 12 or fewer passengers, and is not a light-duty truck.
1168

1169 (Source: Amended at 50 Ill. Reg. , effective
1170)
1171

1172 **Section 211.660 Automotive/Transportation Plastic Parts**
1173

1174 "Automotive/transportation plastic parts" means the interior and exterior plastic components of
1175 automobiles, trucks, tractors, lawnmowers, and other similar mobile equipment intended for
1176 primary use on land, with the exception of the following: plastic parts coated on the main (body)

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1177 paint line in automobile and light-duty truck assembly plants; and plastic parts coated during
1178 refinishing of automobiles, trucks, tractors, lawnmowers, and other similar mobile equipment.
1179

1180 (Source: Amended at 50 Ill. Reg. , effective
1181)
1182

1183 **Section 211.665 Auxiliary Boiler**
1184

1185 "Auxiliary boiler" means, for 35 Ill. Adm. Code 217, a boiler operated only when the main boiler
1186 or boilers at a source are not in service and is used either to maintain building heat or to assist in
1187 the startup of the main boiler or boilers. This term does not include emergency or standby units
1188 and load shaving units.
1189

1190 (Source: Amended at 50 Ill. Reg. , effective
1191)
1192

1193 **Section 211.670 Baked Coatings**
1194

1195 "Baked coatings" means any coating which is cured or dried in an oven where the oven air
1196 temperature exceeds 90 °C (194 °F), or any coating which is cured in any manner that does not
1197 otherwise fit into the definition of "air dried coatings," as defined in Section 211.330.
1198

1199 (Source: Amended at 50 Ill. Reg. , effective
1200)
1201

1202 **Section 211.680 Bakery Oven**
1203

1204 "Bakery oven" means an oven used at any time to bake yeast-leavened products, including
1205 breads, rolls, and buns.
1206

1207 (Source: Amended at 50 Ill. Reg. , effective
1208)
1209

1210 **Section 211.690 Batch Loading**
1211

1212 "Batch loading" means, for solvent cleaning, the process of loading individual parts at the same
1213 time for degreasing.
1214

1215 (Source: Amended at 50 Ill. Reg. , effective
1216)
1217

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1218 **Section 211.695 Batch Operation**

1219
1220 "Batch operation" means, for 35 Ill. Adm. Code 218.500 through 218.506 and 219.500 through
1221 219.506, a noncontinuous operation in which a discrete quantity or batch of feed is charged into
1222 a chemical manufacturing process unit and distilled or reacted, or otherwise used at one time,
1223 and may include reactors, filters, dryers, distillation columns, extractors, crystallizers, blend
1224 tanks, neutralizer tanks, digesters, surge tanks, and product separators. After each batch
1225 operation, the equipment is generally emptied before a fresh batch is started.

1226
1227 (Source: Amended at 50 Ill. Reg. _____, effective
1228 _____)
1229

1230 **Section 211.696 Batch Process Train**

1231
1232 "Batch process train" means, for 35 Ill. Adm. Code 218.500 through 218.506 and 219.500
1233 through 219.506, the collection of equipment (e.g., reactors, filters, dryers, distillation columns,
1234 extractors, crystallizers, blend tanks, neutralizer tanks, digesters, surge tanks, and product
1235 separators) configured to produce a specific product or intermediate by a batch operation. A
1236 batch process train terminates at the point of storage or product handling of the product or
1237 intermediate being produced in the batch process train. Regardless of the product being
1238 produced, a batch process train independent of other processes is a single batch process train for
1239 35 Ill. Adm. Code 218 and 219.

1240
1241 (Source: Amended at 50 Ill. Reg. _____, effective
1242 _____)
1243

1244 **Section 211.712 Bearing Coating**

1245
1246 "Bearing coating" means a coating applied to an antifriction bearing, a bearing housing, or the
1247 area adjacent to a bearing to facilitate bearing function or to protect base material from excessive
1248 wear. A material will not be classified as a bearing coating if it can also be classified as a dry
1249 lubricative material or a solid film lubricant.

1250
1251 (Source: Amended at 50 Ill. Reg. _____, effective
1252 _____)
1253

1254 **Section 211.715 Bedliner**

1255
1256 "Bedliner" means, for 35 Ill. Adm. Code 218 and 219, a multi-component coating applied to a
1257 cargo bed after the application of topcoat and outside of the topcoat operation to provide
1258 additional durability and chip resistance.

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1299

(Source: Amended at 50 Ill. Reg. , effective
)

Section 211.735 Black Coating

"Black coating" means, for 35 Ill. Adm. Code 218 and 219, a coating that meets the following criteria, based on Cielab color space, 0/45 geometry:

- a) Maximum lightness of either 23 units or, for spherical geometry with specular included, 33 units; and
- b) Saturation of less than 2.8, where saturation equals the square root of $A^2 + B^2$.

(Source: Amended at 50 Ill. Reg. , effective
)

Section 211.750 British Thermal Unit

"British thermal unit " means the quantity of heat required to raise one pound of water from 60 °F to 61 °F.

(Source: Amended at 50 Ill. Reg. , effective
)

Section 211.790 Bulk Gasoline Plant

"Bulk gasoline plant" means:

- a) For 35 Ill. Adm. Code 215, any gasoline storage and distribution source that receives gasoline from bulk gasoline terminals by delivery vessels and distributes gasoline to gasoline dispensing operations.
- b) For 35 Ill. Adm. Code 218 and 219, a gasoline storage and distribution source with an average throughput of 76,000 l (20,000 gal) or less on a 30-day rolling average that distributes gasoline to gasoline dispensing operations.

(Source: Amended at 50 Ill. Reg. , effective
)

Section 211.810 Bulk Gasoline Terminal

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1300
1301 "Bulk gasoline terminal" means any gasoline storage and distribution source that receives
1302 gasoline by pipeline, ship, or barge and distributes gasoline to bulk gasoline plants or gasoline
1303 dispensing operations.

1304
1305 (Source: Amended at 50 Ill. Reg. , effective
1306)
1307

1308 **Section 211.820 Business Machine Plastic Parts**
1309

1310 "Business machine plastic parts" means:

1311
1312 a) Before May 1, 2012, the plastic housings and other exterior plastic components of
1313 electronic office equipment and medical and musical equipment, including
1314 computers, monitors, printers and keyboards, facsimile machines, copiers,
1315 microfiche readers, cellular and standard phones, and pencil sharpeners. This
1316 definition excludes internal electrical components of business machines.

1317
1318 b) On and after May 1, 2012, a device that uses electronic or mechanical methods to
1319 process information, perform calculations, print or copy information, or convert
1320 sound into electrical impulses for transmission, including devices listed in
1321 Standard Industrial Classification numbers 3572, 3573, 3574, 3579, and 3661, and
1322 photocopy machines, a subcategory of Standard Industrial Classification number
1323 3861.

1324
1325 (Source: Amended at 50 Ill. Reg. , effective
1326)
1327

1328 **Section 211.825 Camouflage Coating**
1329

1330 "Camouflage coating" means, for 35 Ill. Adm. Code 218 and 219, a coating used, principally by
1331 the military, to conceal equipment from detection.

1332
1333 (Source: Amended at 50 Ill. Reg. , effective
1334)
1335

1336 **Section 211.830 Can**
1337

1338 "Can" means any cylindrical single-walled metal container, with or without a top, cover, spout,
1339 or handles, with walls thinner than 29 gauge (0.0141 in), into which solid or liquid materials may
1340 be packaged.

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1342 (Source: Amended at 50 Ill. Reg. , effective
1343)
1344

1345 **Section 211.850 Can Coating**
1346

1347 "Can coating" means any protective, decorative, or functional coating applied onto the surface of
1348 a can or a metal sheet or metal part which is made into a can.
1349

1350 (Source: Amended at 50 Ill. Reg. , effective)
1351

1352 **Section 211.880 Cap Sealant**
1353

1354 "Cap sealant" means a coating applied in the manufacture of ammunition to seal the annular
1355 crevice between a primer cap and shellcase.
1356

1357 (Source: Amended at 50 Ill. Reg. , effective
1358)
1359

1360 **Section 211.890 Capture**
1361

1362 "Capture" means the containment or recovery of emissions from an emission unit for direction
1363 into a duct which may be exhausted through a stack or vent to a control device. The overall
1364 abatement of emissions from an emission unit with an add-on control device is a function of both
1365 the capture efficiency and the control device efficiency.
1366

1367 (Source: Amended at 50 Ill. Reg. , effective
1368)
1369

1370 **Section 211.910 Capture Device**
1371

1372 "Capture device" means a hood, enclosed room, floor sweep, or other means of collecting VOM
1373 or other air contaminants into a duct. The pollutant can then be directed to a pollution control
1374 device such as an afterburner, carbon adsorber, fabric filter, or scrubber. Sometimes the term is
1375 used loosely to include the control device.
1376

1377 (Source: Amended at 50 Ill. Reg. , effective
1378)
1379

1380 **Section 211.930 Capture Efficiency**
1381

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1382 "Capture efficiency" means, for 35 Ill. Adm. Code 218 and 219, the weight of VOM entering a
1383 capture system and delivered to a control device divided by the weight of VOM generated by an
1384 emission unit, during a particular time period, expressed as a percentage.
1385

1386 (Source: Amended at 50 Ill. Reg. , effective
1387)
1388

1389 **Section 211.950 Capture System**
1390

1391 "Capture system" means all equipment (including hoods, ducts, fans, ovens, dryers, etc.) used to
1392 contain, collect, and transport an air contaminant to a control device.
1393

1394 (Source: Amended at 50 Ill. Reg. , effective
1395)
1396

1397 **Section 211.953 Carbon Adsorber**
1398

1399 "Carbon adsorber" means a control device designed to remove and, if desired, recover VOM
1400 from process emissions where removal of VOM is accomplished through the adherence of VOM
1401 onto the surface of highly porous adsorbent particles, such as activated carbon. The term
1402 "carbon adsorber" describes any adsorber technology used as a control device even though media
1403 other than carbon, such as oxides of silicon and aluminum, may be used as the adsorbent.
1404

1405 (Source: Amended at 50 Ill. Reg. , effective
1406)
1407

1408 **Section 211.954 Cavity Wax**
1409

1410 "Cavity wax" means, for 35 Ill. Adm. Code 218 and 219, a coating applied into the cavities of
1411 the vehicle primarily to enhance corrosion protection.
1412

1413 (Source: Amended at 50 Ill. Reg. , effective
1414)
1415

1416 **Section 211.955 Cement**
1417

1418 "Cement" means, for 35 Ill. Adm. Code 217.Subpart T, a hydraulic cement produced by
1419 pulverizing clinker consisting primarily of hydraulic calcium silicates, usually containing one or
1420 more forms of calcium sulfate as an interground addition.
1421

1422 (Source: Amended at 50 Ill. Reg. , effective

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1423 _____)

1424

1425 **Section 211.960 Cement Kiln**

1426

1427 "Cement kiln" means, for 35 Ill. Adm. Code 217.Subpart T, a system including any solid,
1428 gaseous, or liquid fuel combustion equipment used to preheat, calcine, and react with raw
1429 materials, including limestone and clay, to produce cement clinker.

1430

1431 (Source: Amended at 50 Ill. Reg. _____, effective

1432 _____)

1433

1434 **Section 211.965 Ceramic Tile Installation Adhesive**

1435

1436 "Ceramic tile installation adhesive" means, for 35 Ill. Adm. Code 218 and 219, any adhesive
1437 used in the installation of ceramic tiles.

1438

1439 (Source: Amended at 50 Ill. Reg. _____, effective

1440 _____)

1441

1442 **Section 211.970 Certified Investigation**

1443

1444 "Certified investigation" means a report signed by Illinois Environmental Protection Agency
1445 personnel certifying whether a grain-handling operation (or portion of it) or grain-drying
1446 operation is causing or tending to cause air pollution. The report must describe the signer's
1447 investigation, including a summary of the facts on which the signer relies to certify whether the
1448 grain-handling or grain-drying operation is causing, threatening, or allowing the discharge or
1449 emission of any contaminant into the environment so as to cause or tend to cause air pollution in
1450 Illinois, either alone or in combination with contaminants from other sources, or so as to violate
1451 regulations or standards adopted by the Board under the Act. The certified investigation must be
1452 open to a reasonable public inspection and may be copied upon paying the actual cost of
1453 reproducing the original.

1454

1455 (Source: Amended at 50 Ill. Reg. _____, effective

1456 _____)

1457

1458 **Section 211.980 Chemical Manufacturing Process Unit**

1459

1460 "Chemical manufacturing process unit" means the equipment assembled and connected by pipes
1461 or ducts to process raw materials and manufacture an intended product. For 35 Ill. Adm. Code
1462 218.431 through 218.436 and 219.431 through 219.436, the chemical manufacturing process unit
1463 includes reactors and their associated product separators and recovery devices, distillation units

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1464 and their associated distillate receivers, and recovery devices. A chemical manufacturing
1465 process unit includes any combination of pumps, compressors, agitators, pressure relief devices,
1466 sampling connection systems, open-ended valves or lines, valves, connectors, instrumentation
1467 systems, and control devices or systems. A chemical manufacturing process unit is identified by
1468 its primary product, as defined in Section 211.5060.

1469
1470 (Source: Amended at 50 Ill. Reg. , effective
1471)
1472

1473 **Section 211.985 Chemical Milling Maskant**
1474

1475 "Chemical milling maskant" means a coating applied directly to aluminum components to
1476 protect surface areas when chemical milling the component with a Type I or II etchant. Type I
1477 chemical milling maskants are used with a Type I etchant, and Type II chemical milling
1478 maskants are used with a Type II etchant. This definition does not include:
1479

- 1480 a) Bonding maskants;
- 1481
- 1482 b) Critical use and line sealer maskants;
- 1483
- 1484 c) Seal coat maskants;
- 1485
- 1486 d) Maskants that must be used with a combination of Type I or II etchants and any of
1487 these maskants (i.e., bonding, critical use and line sealer, and seal coat); or
1488
- 1489 e) Maskants listed as aerospace specialty coatings in 35 Ill. Adm. Code
1490 219.204(r)(2).
1491

1492 (Source: Amended at 50 Ill. Reg. , effective
1493)
1494

1495 **Section 211.990 Choke Loading**
1496

1497 "Choke loading" means a method of transferring grain from the grain-handling operation to any
1498 vehicle for shipment or delivery which precludes a free-fall velocity of grain from a discharge
1499 spout into the receiving container.
1500

1501 (Source: Amended at 50 Ill. Reg. , effective
1502)
1503

1504 **Section 211.995 Circulating Fluidized Bed Combustor**

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1505
1506 "Circulating fluidized bed combustor" means, for 35 Ill. Adm. Code 217, a fluidized bed
1507 combustor in which the majority of the fluidized bed material is carried out of the primary
1508 combustion zone and transported back to the primary zone through a recirculation loop.

1509
1510 (Source: Amended at 50 Ill. Reg. _____, effective
1511 _____)

1512
1513 **Section 211.1000 Class II Finish**

1514
1515 "Class II finish" means a finish that meets the specifications of ANSI Standards A135.5 –
1516 Prefinished Hardwood Paneling 2020, as approved by the American National Standards Institute.

1517
1518 (Source: Amended at 50 Ill. Reg. _____, effective
1519 _____)

1520
1521 ~~Section 211.1010 Clean Air Act~~

1522 ~~"Clean Air Act" means the Clean Air Act Amendments of 1970 (42 USC §7401 et seq.), as~~
1523 ~~amended in 1977 and 1990.~~

1524 ~~(Source: Amended at 50 Ill. Reg. _____, effective _____)~~

1525 **Section 211.1050 Cleaning and Separating Operation**

1526
1527 "Cleaning and separating operation" means an operation in which foreign and undesired
1528 substances are removed from the grain.

1529
1530 (Source: Amended at 50 Ill. Reg. _____, effective
1531 _____)

1532
1533 **Section 211.1070 Cleaning Materials**

1534
1535 "Cleaning materials" means:

- 1536
1537 a) Any materials used to clean an emission unit; the tools, equipment, or other items
1538 used with the emission unit; or the walls or area in which the emission unit is
1539 located;
1540
1541 b) Cleaning personnel; or
1542
1543 c) Materials used for other cleaning activity associated with an emission unit.

1544
1545 (Source: Amended at 50 Ill. Reg. _____, effective _____)

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1546 _____)
1547

Section 211.1090 Clear Coating

1548
1549
1550 "Clear coating" means a coating that lacks color and opacity or is transparent using the undercoat
1551 as a reflectant base or undertone color.
1552

1553 (Source: Amended at 50 Ill. Reg. _____, effective
1554 _____)
1555

Section 211.1128 Closed Molding

1556
1557
1558 "Closed molding" means, for 35 Ill. Adm. Code 218 and 219, any molding process in which
1559 pressure is used to distribute the resin through the reinforcing fabric placed between two mold
1560 surfaces to either saturate the fabric or fill the mold cavity. The pressure may be clamping
1561 pressure, fluid pressure, atmospheric pressure, or vacuum pressure used alone or in combination.
1562 The mold surfaces may be rigid or flexible. Closed molding includes compression molding with
1563 sheet molding compound, infusion molding, resin injection molding, vacuum assisted resin
1564 transfer molding, resin transfer molding, and vacuum assisted compression molding. Processes
1565 in which a closed mold is used only to compact saturated fabric or remove air or excess resin
1566 from the fabric (such as in vacuum bagging) are not considered closed molding. Open molding
1567 steps, such as application of a gel coat or skin coat layer by conventional open molding before a
1568 closed molding process, are also not closed molding.
1569

1570 (Source: Amended at 50 Ill. Reg. _____, effective
1571 _____)
1572

Section 211.1130 Closed Purge System

1573
1574
1575 "Closed purge system" means a system that is not open to the atmosphere and is composed of
1576 piping, connections, and, if necessary, flow-inducing devices that transport liquid or vapor from
1577 a piece or pieces of equipment to a control device, or return the liquid or vapor to the process
1578 line.
1579

1580 (Source: Amended at 50 Ill. Reg. _____, effective
1581 _____)
1582

Section 211.1150 Closed Vent System

1583
1584
1585 "Closed vent system" means a system that is not open to the atmosphere and is composed of
1586 piping, connections, and, if necessary, flow-inducing devices that transport gas or vapor from a

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1587 piece or pieces of equipment to a control device.

1588

1589 (Source: Amended at 50 Ill. Reg. , effective
1590)

1591

1592 **Section 211.1170 Coal Refuse**

1593

1594 "Coal refuse" means waste products of coal mining, cleaning, and coal preparation operations
1595 containing coal, matrix material, clay, and other organic and inorganic material.

1596

1597 (Source: Amended at 50 Ill. Reg. , effective
1598)

1599

1600 **Section 211.1190 Coating**

1601

1602 "Coating" means:

1603

1604 a) For 35 Ill. Adm. Code 215, a material applied to a substrate for decorative,
1605 protective, or other functional purposes. This material includes paints, varnishes,
1606 sealers, adhesives, diluents, and thinners.

1607

1608 b) For 35 Ill. Adm. Code 218 and 219, a material applied onto or impregnated into a
1609 substrate for protective, decorative, or functional purposes. This material includes
1610 paints, varnishes, sealers, adhesives, thinners, diluents, and inks.

1611

1612 (Source: Amended at 50 Ill. Reg. , effective
1613)

1614

1615 **Section 211.1230 Coating Line**

1616

1617 "Coating line" means:

1618

1619 a) For 35 Ill. Adm. Code 215, an operation in which a surface coating is applied to a
1620 material and the coating is then dried, cured, or both.

1621

1622 b) For 35 Ill. Adm. Code 218 and 219, an operation consisting of a series of one or
1623 more coating applicators and any associated flash-off areas, drying areas, and
1624 ovens in which a coating is applied, dried, cured, or a combination of these. A
1625 coating line ends at the point at which the coating is dried or cured, or before any
1626 subsequent application of a different coating. It is not necessary for an operation
1627 to have an oven or a flash-off area to be included in this definition.

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(Source: Amended at 50 Ill. Reg. , effective
)

Section 211.1250 Coating Plant

"Coating plant" means any building, structure, or installation that contains a coating line, is located on one or more contiguous or adjacent properties, and is owned or operated by the same person or by persons under common control.

(Source: Amended at 50 Ill. Reg. , effective
)

Section 211.1270 Coil Coating

"Coil coating" means any protective, decorative, or functional coating which is applied onto any flat metal sheet or strip which is delivered to the coating line as a roll or coil, unwound, and coated as a continuous substrate.

For Subparts F of 35 Ill. Adm. Code 218 and 219, the definition does not include protective, decorative, or functional materials that consist only of protective oils for metal, acids, bases, or any combination of these substances. For this purpose, "protective oil" means an organic material that is applied to metal to provide lubrication or protection from corrosion without forming a solid film and includes lubricating oils, evaporative oils (including those that evaporate completely), and extrusion oils. Protective oils used on miscellaneous metal parts and products include magnet wire lubricants and soft temporary protective coatings that are removed before installation or further assembly of a part or component.

(Source: Amended at 50 Ill. Reg. , effective
)

Section 211.1290 Coil Coating Line

"Coil coating line" means a coating line in which any protective, decorative, or functional coating is applied onto any flat metal sheet or strip which is delivered to the coating line as a roll or coil, unwound, and coated as a continuous substrate.

(Source: Amended at 50 Ill. Reg. , effective
)

Section 211.1310 Cold Cleaning

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1669
1670 "Cold cleaning" means the process of cleaning and removing soils from surfaces by spraying,
1671 brushing, flushing, or immersion while maintaining the organic solvent below its boiling point.
1672 This definition does not include wipe cleaning.

1673
1674 (Source: Amended at 50 Ill. Reg. , effective
1675)
1676

1677 **Section 211.1312 Combined Cycle System**
1678

1679 "Combined cycle system " means a system comprised of one or more combustion turbines, heat
1680 recovery steam generators, and steam turbines configured to improve overall efficiency of
1681 electricity generation or steam production.

1682
1683 (Source: Amended at 50 Ill. Reg. , effective
1684)
1685

1686 **Section 211.1315 Combustion Tuning**
1687

1688 "Combustion tuning" means, for 35 Ill. Adm. Code 217, reviewing and adjusting a combustion
1689 process to maintain combustion efficiency of an emission unit, as performed in compliance with
1690 procedures provided by the manufacturer or by a trained technician.

1691
1692 (Source: Amended at 50 Ill. Reg. , effective
1693)
1694

1695 **Section 211.1316 Combustion Turbine**
1696

1697 "Combustion turbine " means an enclosed fossil or other fuel-fired device comprised of a
1698 compressor, a combustor, and a turbine, and in which the flue gas resulting from the combustion
1699 of fuel in the combustor passes through the turbine, rotating the turbine.

1700
1701 (Source: Amended at 50 Ill. Reg. , effective
1702)
1703

1704 **Section 211.1320 Commence Commercial Operation**
1705

1706 "Commence commercial operation" means, for allocating allowances under 35 Ill. Adm. Code
1707 217 for an EGU that serves a generator, to begin producing steam, gas, or other heated medium
1708 used to generate electricity for sale or use, including test generation. This date must remain the
1709 unit's date of commencing operation even if the EGU is subsequently modified, reconstructed, or

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1710 repowered.

1711

1712 (Source: Amended at 50 Ill. Reg. , effective
1713)

1714

1715 **Section 211.1324 Commence Operation**

1716

1717 "Commence operation" means, for allocating allowances under 35 Ill. Adm. Code 217 for a
1718 stationary boiler, combustion turbine, or combined cycle system, to begin any mechanical,
1719 chemical, or electronic process, including start-up of the unit's combustion chamber. This date
1720 must remain the unit's date of commencing operation even if the unit is subsequently modified,
1721 reconstructed, or repowered.

1722

1723 (Source: Amended at 50 Ill. Reg. , effective
1724)

1725

1726 **Section 211.1326 Commercial Exterior Aerodynamic Structure Primer**

1727

1728 "Commercial exterior aerodynamic structure primer" means a primer used on aerodynamic
1729 components and structures that protrude from the fuselage, such as wings and attached
1730 components, control surfaces, horizontal stabilizers, vertical fins, wing-to-body fairings,
1731 antennae, and landing gear and doors, for extended corrosion protection and enhanced adhesion.

1732

1733 (Source: Amended at 50 Ill. Reg. , effective
1734)

1735

1736 **Section 211.1327 Commercial Interior Adhesive**

1737

1738 "Commercial interior adhesive" means materials used to bond passenger cabin interior
1739 components that are subject to the Federal Aviation Administration fireworthiness requirements.

1740

1741 (Source: Amended at 50 Ill. Reg. , effective
1742)

1743

1744 **Section 211.1329 Compatible Substrate Primer**

1745

1746 "Compatible substrate primer" means either compatible epoxy primer or adhesive primer.

1747

1748 a) Compatible epoxy primer is a primer compatible with the filled elastomeric
1749 coating and is epoxy-based. The compatible substrate primer is an

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1750 epoxy polyamide primer used to promote adhesion of elastomeric coatings, such
1751 as impact-resistant coatings.
1752

1753 b) Adhesive primer excludes fuel tank coatings. Adhesive primer is a coating that:
1754

1755 ~~i~~1) Inhibits corrosion and serves as a primer applied to bare metal surfaces or
1756 before adhesive application; or
1757

1758 ~~ii~~2) Is applied to surfaces that can be expected to contain fuel.
1759

1760 (Source: Amended at 50 Ill. Reg. ~~_____~~ _____, effective
1761 ~~_____~~ _____)
1762

1763 **Section 211.1350 Component**
1764

1765 "Component" means any piece of equipment which has the potential to leak VOM, including
1766 pump seals, compressor seals, seal oil degassing vents, pipeline valves, pressure relief devices,
1767 process drains and open-ended valves and lines, and flanges. For Subparts Q and R in 35 Ill.
1768 Adm. Code 215, 218, and 219, this definition excludes valves which are not externally regulated,
1769 flanges, and equipment in heavy liquid service. For Subparts Q of 35 Ill. Adm. Code 215, 218,
1770 and 219, this definition also excludes bleed ports of gear pumps in polymer service.
1771

1772 (Source: Amended at 50 Ill. Reg. ~~_____~~ _____, effective
1773 ~~_____~~ _____)
1774

1775 **Section 211.1390 Concentrated Nitric Acid Manufacturing Process**
1776

1777 "Concentrated nitric acid manufacturing process" means any acid-producing facility
1778 manufacturing nitric acid with a concentration of at least 70% by weight.
1779

1780 (Source: Amended at 50 Ill. Reg. ~~_____~~ _____, effective
1781 ~~_____~~ _____)
1782

1783 **Section 211.1410 Condensate**
1784

1785 "Condensate" means VOL separated from its associated gases, which condenses due to changes
1786 in the temperature or pressure and remains liquid at standard conditions.
1787

1788 (Source: Amended at 50 Ill. Reg. ~~_____~~ _____, effective
1789 ~~_____~~ _____)
1790

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1791 **Section 211.1430 Condensible PM₁₀**

1792

1793 "Condensible PM₁₀" means PM₁₀ formed immediately or shortly after discharge to the
1794 atmosphere, as measured by the applicable test method under 35 Ill. Adm. Code 212.110.
1795 Condensible particulate matter exists in gaseous or vapor form or both before release to the
1796 atmosphere (such as in the stack), and forms particulate matter upon condensation when subject
1797 to conditions of cooling and dilution in the atmosphere.

1798

1799 (Source: Amended at 50 Ill. Reg. , effective
1800)

1801

1802 **Section 211.1435 Container Glass**

1803

1804 "Container glass" means, for 35 Ill. Adm. Code 217, glass made of soda-lime recipe, clear or
1805 colored, which is pressed, blown, or both into bottles, jars, ampoules, and other products listed in
1806 Standard Industrial Classification 3221.

1807

1808 (Source: Amended at 50 Ill. Reg. , effective
1809)

1810

1811 **Section 211.1455 Contact Adhesive**

1812

1813 "Contact adhesive" means, for 35 Ill. Adm. Code 218 and 219, an adhesive that meets the
1814 qualifying criteria:

1815

- 1816 a) The adhesive is designed for application to both surfaces to be bonded together;
1817
- 1818 b) The adhesive is allowed to dry before the two surfaces are placed in contact with
1819 each other;
1820
- 1821 c) The adhesive forms an immediate bond that is impossible or difficult to reposition
1822 after both adhesive-coated surfaces are placed in contact with each other; and
1823
- 1824 d) The adhesive does not need sustained pressure or clamping of surfaces after the
1825 adhesive-coated surfaces have been brought together using sufficient momentary
1826 pressure to establish full contact between both surfaces.
1827

1827

1828 "Contact adhesive" does not include rubber cements that are primarily intended for use on paper
1829 substrates or vulcanizing fluids that are designed and labeled for tire repair only.

1830

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1831 (Source: Amended at 50 Ill. Reg. , effective
1832)
1833

Section 211.1465 Continuous Automatic Stoking

1834
1835
1836 "Continuous automatic stoking" means automatically moving animal pathological waste during
1837 burning by moving the hearth in a pulse cycle manner. This process is designed to provide a
1838 continuous burning rate in which the design charging rate per hour equals the burning rate every
1839 hour without limitation. This process results in emission rates which are similar over any hour
1840 of the burning process.

1841
1842 (Source: Amended at 50 Ill. Reg. , effective
1843)
1844

Section 211.1470 Continuous Process

1845
1846
1847 "Continuous process" means, for manufacturing polystyrene resin, a method in which the styrene
1848 raw material is delivered on a continuous basis to the reactor in which the styrene is polymerized
1849 to polystyrene.

1850
1851 (Source: Amended at 50 Ill. Reg. , effective
1852)
1853

Section 211.1490 Control Device

1854
1855
1856 "Control device" means equipment, such as an afterburner, adsorber, fabric filter, or scrubber,
1857 used to remove or prevent the emission of an air contaminant from a contaminated exhaust
1858 stream.

1859
1860 (Source: Amended at 50 Ill. Reg. , effective
1861)
1862

Section 211.1510 Control Device Efficiency

1863
1864
1865 "Control device efficiency" means, for 35 Ill. Adm. Code 218 and 219, the weight of VOM
1866 generated by an emission unit which is destroyed or removed by a control device, divided by the
1867 weight of VOM generated by the unit entering the control device, during a particular time period,
1868 expressed as a percentage.

1869
1870 (Source: Amended at 50 Ill. Reg. , effective
1871)

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1873 **Section 211.1515 Control Period**

1874

1875 For 35 Ill. Adm. Code 217, "control period" means the period beginning May 1 of a year and
1876 ending September 30 of the same year, inclusive, except that in 2004, "control period" means
1877 May 31 through September 30.

1878

1879 (Source: Amended at 50 Ill. Reg. , effective
1880)

1881

1882 **Section 211.1520 Conventional Air Spray**

1883

1884 "Conventional air spray" means a spray coating method in which the coating is atomized by
1885 mixing it with compressed air at an air pressure greater than 10 psi (gauge) at the point of
1886 atomization. Airless, air assisted airless, and electrostatic spray technologies are not
1887 conventional air spray.

1888

1889 (Source: Amended at 50 Ill. Reg. , effective
1890)

1891

1892 **Section 211.1550 Conveyorized Degreasing**

1893

1894 "Conveyorized degreasing" means the continuous process of cleaning and removing soils from
1895 surfaces using either cold or vaporized solvents.

1896

1897 (Source: Amended at 50 Ill. Reg. , effective
1898)

1899

1900 **Section 211.1560 Cove Base**

1901

1902 "Cove base" means, for Subparts JJ of 35 Ill. Adm. Code 218 and 219, a flooring trim unit,
1903 generally made of vinyl or rubber, having a concave radius on one edge and a convex radius on
1904 the opposite edge, that is used to join the bottom wall course and the floor or form an inside
1905 corner.

1906

1907 (Source: Amended at 50 Ill. Reg. , effective
1908)

1909

1910 **Section 211.1565 Cove Base Installation Adhesive**

1911

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1912 "Cove base installation adhesive" means, for 35 Ill. Adm. Code 218 and 219, any adhesive used
1913 to install cove base or wall base on a wall or vertical surface at floor level.
1914

1915 (Source: Amended at 50 Ill. Reg. , effective
1916)
1917

Section 211.1567 Critical Use and Line Sealer Maskant

1918 "Critical use and line sealer maskant" means a temporary coating, not covered under other
1919 maskant categories, used to protect selected areas of aerospace parts from:
1920

- 1923 a) Strong acid or alkaline solutions, such as those used in anodizing, plating,
1924 chemical milling, and processing of magnesium, titanium, or high-strength steel;
1925
- 1926 b) High-precision aluminum chemical milling of deep cuts; and
1927
- 1928 c) Aluminum chemical milling of complex shapes.
1929

1930 This definition also includes materials used for repairs or to bridge gaps left by scribing
1931 operations (i.e., line sealer).
1932

1933 (Source: Amended at 50 Ill. Reg. , effective
1934)
1935

Section 211.1570 Crude Oil

1936 "Crude oil" means a naturally occurring mixture consisting of hydrocarbons and sulfur, nitrogen,
1937 or oxygen derivatives of hydrocarbons and which is a liquid at standard conditions.
1938

1941 (Source: Amended at 50 Ill. Reg. , effective
1942)
1943

Section 211.1590 Crude Oil Gathering

1944 "Crude oil gathering" means transporting crude oil or condensate after transferring custody
1945 between a production site and a reception point.
1946

1948 (Source: Amended at 50 Ill. Reg. , effective
1949)
1950

Section 211.1610 Crushing

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"Crushing" means fragmenting non-metallic minerals by a machine, such as a jaw, gyratory, cone, roll, rod, mill, hammermill, or impactor.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.1630 Custody Transfer

"Custody transfer" means transferring produced petroleum, condensate, or both after processing, treating, or both in the producing operations from storage tanks or automatic transfer systems to pipelines or any other form of transportation.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.1650 Cutback Asphalt

"Cutback asphalt" means any asphalt which has been liquefied by blending with petroleum solvents other than residual fuel oil and has not been emulsified with water.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.1655 Cyanoacrylate Adhesive

"Cyanoacrylate adhesive" means, for 35 Ill. Adm. Code 218 and 219, any adhesive with a cyanoacrylate content of at least 95% by weight.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.1670 Daily-Weighted Average VOM Content

"Daily-weighted average VOM content" means the average VOM content of two or more coatings as applied on a coating line during any day, taking into account the fraction of total coating that each coating represents, determined by the following formulas:



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- a) Daily-weighted average VOM content in units of kg VOM/l (lbs VOM/gal) of coatings applied (minus water and any compounds which are specifically exempt from the definition of VOM) must be determined using the equation:

$$VOM_{DWA,Vc} = \frac{\sum_{i=1}^n (Vc_i)(VOMv_i)}{Vc_T}$$

where:

- VOM_{DWA,Vc} = The daily weighted average VOM content, by volume of coating, of two or more coatings applied each day on the coating line in units of kg VOM/l (lbs VOM/gal) coatings as applied (minus water and any compounds which are specifically exempted from the definition of VOM);
- i = Subscript denoting a coating, i;
- n = The number of different coatings applied each day on the coating line;
- Vc_i = The volume of a coating, i, (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on the coating line in units of l (gal);
- VOMv_i = The VOM content, by volume of coating, of a coating, i, as applied each day on the coating line in units of kg VOM/l (lbs VOM/gal) of coating (minus water and any compounds which are specifically exempted from the definition of VOM);
- Vc_T = The total volume of all coatings (minus water and any compounds which are specifically exempted from the

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definition of VOM) as applied each day from all coatings applied on the coating line in units of l (gal), determined using the equation:

1999
2000
2001
2002

- b) Daily-weighted average VOM content in units of kg VOM/kg solids (lbs VOM/lb solids) must be determined using the equation:

$$VOM_{DWA,Ms} = \frac{\sum_{i=1}^n Ms_i VOMs_i}{Ms_T}$$

2003
2004
2005
2006

where:

- $VOM_{DWA,Ms}$ The daily-weighted average VOM content, by mass of solids applied, of two or more coatings applied each day on the coating line in units of kg VOM/kg solids (lbs VOM/lb solids);
- $i =$ Subscript denoting a coating, i ;
- $n =$ The number of different coatings applied each day on the coating line;
- $Ms_i =$ The mass of solids of a coating, i , applied each day on the coating line in units of kg (lb);
- $VOMs_i =$ The VOM content, by mass of solids applied, of a coating, i , applied each day on a coating line in units of kg VOM/kg solids (lbs VOM/lb solids) of each coating;
- $Ms_T =$ The total weight of solids in kg (lb) applied each day from all coatings applied on the coating line, determined using the equation:

2007

$$Ms_T = \sum_{i=1}^n Ms_i$$

2008
2009

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2010 c) Daily-weighted average VOM content in units of kg VOM/kg coating (lbs
2011 VOM/lb coating) applied must be determined using the equation:
2012

$$VOM_{DWA, Mc} = \frac{\sum_{i=1}^n (Mc_i)(VOMm_i)}{Mc_T}$$

2013 where:
2014
2015

VOM_{DWA,Mc} = The average VOM content, by mass of coating, of two or more coatings applied each day on the coating line in units of kg VOM/kg coating (lbs VOM/lb coating) applied;

i = Subscript denoting a coating, i;

n = The number of different coatings applied each day on the coating line;

Mc_i = The mass of each coating, i, applied each day on a coating line in units of kg (lb);

VOMm_i = The VOM content, by mass of coating, of a coating, i, applied each day on a coating line in units of kg VOM/kg coating (lbs VOM/lb coating)

Mc_T = The total mass of all coatings applied each day on the coating line in units of kg (lb), determined using the equation:

2017
2018 d) Daily-weighted average VOM content in units of kg VOM/l solids (lbs VOM/gal
2019 solids) applied must be determined using the equation below:
2020

$$VOM_{DWA, Vs} = \frac{\sum_{i=1}^n (Vs_i)(VOMvs_i)}{Vs_T}$$

2021 where:
2022
2023

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2024

VOM_{DWA,vs} = The daily-weighted average VOM content, by volume of solids, of two or more coatings applied each day on the coating line in units of kg VOM/l solids (lbs VOM/gal solids);

i = Subscript denoting a coating, i;

n = The number of different coatings applied each day on the coating line;

V_{S_i} = The volume of solids of a coating, i, applied each day on a coating line in units of l (gal);

VOM_{vs_i} = The VOM content, by volume of solids, of a coating, i, applied each day on the coating line in units of kg VOM/l solids (lbs VOM/gal solids);

V_{S_T} = The total volume of all solids applied each day on the coating line in units of l (gal), determined using the equation:

$$V_{S_T} = \sum_{i=1}^n V_{S_i}$$

2025

2026 (Source: Amended at 50 Ill. Reg. _____, effective

2027 _____)

2028

2029 **Section 211.1690 Day**

2030

2031 "Day" means, for 35 Ill. Adm. Code 218 and 219, the consecutive 24 hours beginning at 12:00
2032 AM (midnight) local time. A source may use a 24-hour day beginning at a fixed time other than
2033 midnight which is consistent with its operating schedule if the owner or operator of the source
2034 first notifies the Agency in writing of that alternative and describes why it would be more
2035 reasonable to maintain records on this basis.

2036

2037 (Source: Amended at 50 Ill. Reg. _____, effective

2038 _____)

2039

2040 **Section 211.1700 Deadener**

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2041
2042 "Deadener" means, for 35 Ill. Adm. Code 218 and 219, a coating applied to selected vehicle
2043 surfaces primarily to reduce the sound of road noise in the passenger compartment.
2044

2045 (Source: Amended at 50 Ill. Reg. , effective
2046)
2047

2048 **Section 211.1730 Delivery Vessel**
2049

2050 "Delivery vessel" means any tank truck or trailer equipped with a storage tank that is used to
2051 transport gasoline to a stationary storage tank at a gasoline dispensing operation, bulk gasoline
2052 plant, or bulk gasoline terminal.
2053

2054 (Source: Amended at 50 Ill. Reg. , effective
2055)
2056

2057 **Section 211.1735 Department of Defense Classified Coating**
2058

2059 "Department of Defense classified coating" means a coating that has been determined under
2060 federal Executive Order 13526, "Classified National Security Information," December 29, 2009,
2061 or any successor order to require protection against unauthorized disclosure and is marked in
2062 documentary form to indicate its classified status.
2063

2064 (Source: Amended at 50 Ill. Reg. , effective
2065)
2066

2067 **Section 211.1740 Diesel Engine**
2068

2069 "Diesel engine" means, for 35 Ill. Adm. Code 217.Subpart Q, a compression ignited two- or
2070 four-stroke engine in which liquid fuel injected into the combustion chamber ignites when the air
2071 charge is compressed to a temperature sufficiently high for auto-ignition.
2072

2073 (Source: Amended at 50 Ill. Reg. , effective
2074)
2075

2076 **Section 211.1745 Digital Printing**
2077

2078 "Digital printing " means, for 35 Ill. Adm. Code 218.187 and 219.187, transferring electronic
2079 files directly from a computer to an electronically driven output device that prints the image
2080 directly on the selected media (substrate). This definition excludes printing using home and
2081 office equipment.

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2082

2083 (Source: Amended at 50 Ill. Reg. , effective
2084)
2085

2086 **Section 211.1770 Distillate Fuel Oil**

2087

2088 "Distillate fuel oil" means fuel oils of grade No. 1 or 2 under requirements for fuel oil under
2089 ASTM D369-84 (2002), incorporated by reference in 35 Ill. Adm. Code 211.101(a)(3), 218.112,
2090 and 219.112.

2091

2092 (Source: Amended at 50 Ill. Reg. , effective
2093)
2094

2095 **Section 211.1780 Distillation Unit**

2096

2097 "Distillation unit" means a device or vessel in which one or more feed streams are separated into
2098 two or more exit streams, each exit stream having component concentrations different from those
2099 in the feed stream(s). Separation is achieved by redistributing components between the liquid
2100 and the vapor phases by vaporization and condensation as they approach equilibrium within the
2101 distillation unit. A distillation unit includes the distillate receiver, reboiler, vacuum pump, steam
2102 jet, and any associated recovery system.

2103

2104 (Source: Amended at 50 Ill. Reg. , effective
2105)
2106

2107 **Section 211.1790 Drum**

2108

2109 "Drum" means any cylindrical shipping container of 13- to 110-gal capacity.

2110

2111 (Source: Amended at 50 Ill. Reg. , effective
2112)
2113

2114 **Section 211.1810 Dry Cleaning Operation or Dry Cleaning Facility**

2115

2116 "Dry cleaning operation" or "Dry cleaning facility" means the cleaning of fabrics using an
2117 essentially nonaqueous solvent by means of one or more solvent washes, extracting excess
2118 solvent by spinning, and drying by tumbling in an airstream. The dry cleaning operation or
2119 facility includes washers, dryers, filter and purification systems, waste disposal systems, holding
2120 tanks, pumps, and attendant piping and valves.

2121

2122 (Source: Amended at 50 Ill. Reg. , effective

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2123 _____)

2124

2125 **Section 211.1850 Effective Grate Area**

2126

2127 "Effective grate area" means the area of a dump-pit grate through which air passes, or would
2128 pass, when aspirated.

2129

2130 (Source: Amended at 50 Ill. Reg. _____, effective

2131 _____)

2132

2133 **Section 211.1870 Effluent Water Separator**

2134

2135 "Effluent water separator" means any tank, box, sump, or other apparatus in which any organic
2136 material floating on or entrained or contained in water entering the tank, box, sump, or other
2137 apparatus is physically separated and removed from the water before outfall, drainage, or
2138 recovery of the water.

2139

2140 (Source: Amended at 50 Ill. Reg. _____, effective

2141 _____)

2142

2143 **Section 211.1872 Ejection Cartridge Sealant**

2144

2145 "Ejection cartridge sealant" means, for 35 Ill. Adm. Code 218.204(q) and 219.204(q), a sealant
2146 applied during the assembly of an ejection cartridge to provide a waterproof barrier between a
2147 shellcase and primer, and between a shellcase and the wad.

2148

2149 (Source: Amended at 50 Ill. Reg. _____, effective

2150 _____)

2151

2152 **Section 211.1876 Electric Dissipating Coating**

2153

2154 "Electric dissipating coating" means, for 35 Ill. Adm. Code 218 and 219, a coating that rapidly
2155 dissipates a high-voltage electric charge.

2156

2157 (Source: Amended at 50 Ill. Reg. _____, effective

2158 _____)

2159

2160 **Section 211.1877 Electric-Insulating Varnish**

2161

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2162 "Electric-insulating varnish" means, for 35 Ill. Adm. Code 218 and 219, a non-convertible
2163 coating applied to electric motors, components of electric motors, or power transformers to
2164 provide electrical, mechanical, and environmental protection or resistance.
2165

2166 (Source: Amended at 50 Ill. Reg. , effective
2167)
2168

2169 **Section 211.1878 Electrical Apparatus Component**
2170

2171 "Electrical apparatus component" means, for 35 Ill. Adm. Code 218.187 and 219.187, an internal
2172 component, such as wires, windings, stators, rotors, magnets, contacts, relays, energizers, and
2173 connections, in an apparatus that generates or transmits electrical energy, including alternators,
2174 generators, transformers, electric motors, cables, and circuit breakers, except for the actual
2175 cabinet in which the components are housed. This definition also includes electrical components
2176 of graphic arts application equipment and hot-line tools.
2177

2178 (Source: Amended at 50 Ill. Reg. , effective
2179)
2180

2181 **Section 211.1880 Electrical Switchgear Compartment Coatings**
2182

2183 "Electrical switchgear compartment coatings" means coatings applied to metal-enclosed
2184 compartments that house assemblies of medium/high voltage switchgear of greater than 1,000
2185 volts AC for utility distribution in outdoor use.
2186

2187 (Source: Amended at 50 Ill. Reg. , effective
2188)
2189

2190 **Section 211.1882 Electrodeposition Primer (EDP)**
2191

2192 "Electrodeposition primer" or "EDP" means, for 35 Ill. Adm. Code 218 and 219, a process of
2193 applying a protective, corrosion-resistant waterborne primer on exterior and interior surfaces that
2194 provides thorough coverage of recessed areas. It is a dip coating method that uses an electrical
2195 field to apply or deposit the conductive coating onto the part. The object being painted acts as an
2196 electrode that is oppositely charged from the particles of paint in the dip tank. Electrodeposition
2197 primer is also referred to as E-Coat, Uni-Prime, and ELPO Primer.
2198

2199 (Source: Amended at 50 Ill. Reg. , effective
2200)
2201

2202 **Section 211.1883 Electromagnetic Interference/Radio Frequency Interference (EMI/RFI)**

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2203 **Shielding Coatings**

2204

2205 "Electromagnetic interference/radio frequency interference coatings" or "EMI/RFI coatings"
2206 means:

2207

2208 a) Before May 1, 2012, coatings used on business machine plastic housings to
2209 attenuate electromagnetic and radio frequency interference signals that would
2210 otherwise pass through the plastic housing;

2211

2212 b) On and after May 1, 2012, coatings used on electrical or electronic equipment to
2213 provide shielding against electromagnetic interference, radio frequency
2214 interference, or static discharge.

2215

2216 (Source: Amended at 50 Ill. Reg. , effective
2217)

2218

2219 **Section 211.1885 Electronic Component**

2220

2221 "Electronic component" means, for 35 Ill. Adm. Code 218.182(f), 219.182(f), 218.187, and
2222 219.187, all portions of an electronic assembly, including circuit board assemblies, printed wire
2223 assemblies, printed circuit boards, soldered joints, ground wires, bus bars, and associated
2224 electronic component manufacturing equipment such as screens and filters, except for the actual
2225 cabinet housing the components.

2226

2227 (Source: Amended at 50 Ill. Reg. , effective
2228)

2229

2230 **Section 211.1890 Electrostatic Bell or Disc Spray**

2231

2232 "Electrostatic bell or disc spray" means an electrostatic spray coating method in which a rapidly
2233 spinning bell- or disc-shaped applicator is used to create a fine mist and apply the coating with
2234 high transfer efficiency.

2235

2236 (Source: Amended at 50 Ill. Reg. , effective
2237)

2238

2239 **Section 211.1900 Electrostatic Prep Coat**

2240

2241 "Electrostatic prep coat" means a coating that is applied to a plastic part solely to provide
2242 conductivity for the subsequent application of a prime coat, a topcoat, or other coating using
2243 electrostatic application methods. An electrostatic prep coat is clearly identified as an

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2244 electrostatic prep coat on its accompanying material safety data sheet.

2245

2246 (Source: Amended at 50 Ill. Reg. _____, effective

2247 _____)

2248

2249 **Section 211.1920 Emergency or Standby Unit**

2250

2251 "Emergency or standby unit" means, for a stationary gas turbine or a stationary reciprocating
2252 internal combustion engine, a unit that:

2253

2254 a) Supplies power for the source at which it is located but operates only when the
2255 normal supply of power has been rendered unavailable by circumstances beyond
2256 the control of the owner or operator of the source and only as necessary to assure
2257 the availability of the engine or turbine. An emergency or standby unit may not
2258 be operated to supplement a primary power source when the load capacity or
2259 rating of the primary power source has been reached or exceeded;

2260

2261 b) Operates exclusively for firefighting, flood control, or both;

2262

2263 c) Operates in response to and during the existence of any officially declared disaster
2264 or state of emergency; or

2265

2266 d) Operates for testing, repair, or routine maintenance to verify its readiness for
2267 emergency or standby use.

2268

2269 Despite any other subsection in this Section, emergency or standby units may operate an
2270 additional 50 hours per year in non-emergency situations.

2271

2272 The term does not include equipment used for purposes other than emergencies described above,
2273 such as to supply power during high electric demand days.

2274

2275 (Source: Amended at 50 Ill. Reg. _____, effective

2276 _____)

2277

2278 **Section 211.1930 Emission Rate**

2279

2280 "Emission rate" means, if not otherwise stated in a specific provision, the total quantity of a
2281 particular specified air contaminant discharged into the atmosphere in any one-hour period. For
2282 example, if not otherwise specified in 35 Ill. Adm. Code 218 or 219, emission rate means the
2283 total quantity of VOM discharged into the atmosphere in any one-hour period.

2284

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2285 (Source: Amended at 50 Ill. Reg. _____, effective
2286 _____)
2287

Section 211.1970 Enamel

2288
2289 "Enamel" means a coating that cures by chemical cross-linking of its base resin. Enamels differ
2290 from lacquers because enamels are not readily resolvable in their original solvent.
2291
2292

2293 (Source: Amended at 50 Ill. Reg. _____, effective
2294 _____)
2295

Section 211.1990 Enclose

2296
2297 "Enclose" means, for 35 Ill. Adm. Code 215.481(c), 215.482(b), 218.481(c), 218.482(b),
2298 219.481(c), and 219.482(b), to cover any VOL surface that is exposed to the atmosphere.
2299
2300

2301 (Source: Amended at 50 Ill. Reg. _____, effective
2302 _____)
2303

Section 211.2030 Enhanced Under-the-Cup Fill

2304
2305 "Enhanced under-the-cup fill" means an improved under-the-cup technique, such as using
2306 Kartridg Pak Low Pressure Sequencing Springs with process temperature gradient control, which
2307 forces most propellant which would otherwise remain in the headspace of the fill machine fitting
2308 into the aerosol can by using a compressed non-VOM gas, such as nitrogen or vaporizing the
2309 propellant itself. Enhanced under-the-cup fill may require adjusting the fill machine to reduce
2310 the hold-down pressure on the cup during the period in the filling cycle when remaining
2311 propellant in the fitting is forced into the can.
2312
2313

2314 (Source: Amended at 50 Ill. Reg. _____, effective
2315 _____)
2316

Section 211.2040 Etching Filler

2317
2318 "Etching filler" means, for 35 Ill. Adm. Code 218 and 219, a coating that contains less than 23%
2319 solids by weight and at least 0.50% acid by weight, and is used instead of applying a
2320 pretreatment coating followed by a primer.
2321
2322

2323 (Source: Amended at 50 Ill. Reg. _____, effective
2324 _____)
2325

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2326 **Section 211.2055 Ethylene Propylenediene Monomer (EPDM) Roof Membrane**
2327

2328 "Ethylene propylenediene monomer roof membrane" or "EPDM roof membrane" means, for 35
2329 Ill. Adm. Code 218 and 219, a prefabricated single sheet of elastomeric material composed of
2330 ethylene propylenediene monomer and that is field-applied to a building roof using one layer or
2331 membrane material.
2332

2333 (Source: Amended at 50 Ill. Reg. , effective
2334)
2335

2336 **Section 211.2070 Excess Air**
2337

2338 "Excess air" means air supplied in addition to the theoretical quantity necessary for complete
2339 combustion of all fuel, combustible waste material, or both.
2340

2341 (Source: Amended at 50 Ill. Reg. , effective
2342)
2343

2344 **Section 211.2090 Excessive Release**
2345

2346 "Excessive release" means, for 35 Ill. Adm. Code 215.144, 218.144, and 219.144, a discharge of
2347 more than 295 g (0.65 lbs) of mercaptans, hydrogen sulfide, or both into the atmosphere in any
2348 5-min period.
2349

2350 (Source: Amended at 50 Ill. Reg. , effective)
2351

2352 **Section 211.2180 Exterior Primer for Large Commercial Aircraft**
2353

2354 "Exterior primer for large commercial aircraft" means an aerospace primer manufactured for
2355 non-military use and applied to an aircraft of more than 110,000 lbs maximum certified take-off
2356 weight.
2357

2358 (Source: Amended at 50 Ill. Reg. , effective
2359)
2360

2361 **Section 211.2190 External Floating Roof**
2362

2363 "External floating roof" means a cover over an open-top storage tank consisting of a double deck
2364 or pontoon single deck, which rests upon and is supported by the VOL being contained and is
2365 equipped with a closure seal or seals to close the space between the roof edge and tank shell.
2366

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2367 (Source: Amended at 50 Ill. Reg. _____, effective
2368 _____)
2369

2370 **Section 211.2200 Extreme High-Gloss Coating**
2371

2372 "Extreme high-gloss coating" means:
2373

- 2374 a) For 35 Ill. Adm. Code 218.204(q)(1) and 219.204(q)(1), a coating that, when
2375 tested by ASTM D523-14 (2018), incorporated by reference in 35 Ill. Adm. Code
2376 211.101(a)(3), shows a reflectance of 75% or more on a 60° meter;
2377
- 2378 b) For 35 Ill. Adm. Code 218.204(q)(5) and 219.204(q)(5), any coating that achieves
2379 greater than 90% reflectance on a 60° meter when tested using ASTM D523-14
2380 (2018), incorporated by reference in 35 Ill. Adm. Code 211.101(a)(3).
2381

2382 (Source: Amended at 50 Ill. Reg. _____, effective
2383 _____)
2384

2385 **Section 211.2210 Extreme Performance Coating**
2386

2387 "Extreme performance coating" means:
2388

- 2389 a) Except for 35 Ill. Adm. Code 218.204(q) or 219.204(q), any coating exposed
2390 during intended use to any or all of the following: ambient weather conditions,
2391 temperatures consistently above 95 °C (203 °F), detergents, abrasive and
2392 scouring agents, solvents, or corrosive atmospheres.
2393
- 2394 b) For 35 Ill. Adm. Code 218.204(q) and 219.204(q), a coating used on a metal or
2395 plastic surface where the coated surface meets in its intended use one or more of
2396 the criteria below. Extreme performance coatings include coatings applied to
2397 locomotives, railroad cars, farm machinery, and heavy-duty trucks:
2398
 - 2399 i1) Chronic exposure to corrosive, caustic, or acidic agents, chemicals,
2400 chemical fumes, chemical mixtures, or solutions;
 - 2402 ii2) Repeated exposure to temperatures exceeding 121 °C (250 °F); or
2403
 - 2404 iii3) Repeated heavy abrasion, including mechanical wear and repeated
2405 scrubbing with industrial grade solvents, cleansers, or scouring agents.
2406

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2407 (Source: Amended at 50 Ill. Reg. , effective
2408)
2409

2410 **Section 211.2230 Fabric Coating**
2411

2412 "Fabric coating" means any protective, decorative, or functional coating which is applied onto or
2413 impregnated into a textile fabric which is delivered to the coating line as a roll, unwound, and
2414 coated as a continuous substrate.
2415

2416 (Source: Amended at 50 Ill. Reg. , effective
2417)
2418

2419 **Section 211.2250 Fabric Coating Line**
2420

2421 "Fabric coating line" means a coating line in which any protective, decorative, or functional
2422 coating is applied onto or impregnated into a textile fabric which is delivered to the coating line
2423 as a roll, unwound, and coated as a continuous substrate.
2424

2425 (Source: Amended at 50 Ill. Reg. , effective
2426)
2427

2428 **Section 211.2270 Federally Enforceable Limitations and Conditions**
2429

2430 "Federally enforceable limitations and conditions" means all limitations and conditions
2431 enforceable by the Administrator of the USEPA, including requirements developed under 40
2432 CFR Parts 60 and 61; requirements within any applicable implementation plan; and any permit
2433 requirements established under 40 CFR 52.21 or 40 CFR 52.737 or under regulations approved
2434 under 40 CFR 51.166 and 40 CFR Part 70.
2435

2436 (Source: Amended at 50 Ill. Reg. , effective
2437)
2438

2439 **Section 211.2285 Feed Mill**
2440

2441 "Feed mill" means a source or equipment at a source that produces food, including premixes,
2442 supplements, and concentrates, for animal (non-human) consumption from grain, grain
2443 byproducts, or alfalfa and other ingredients without cooking, but excluding wet or dry corn mills,
2444 soybean mills, flour mills, and ethanol plants.
2445

2446 (Source: Amended at 50 Ill. Reg. , effective
2447)

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2448

2449 **Section 211.2300 Fill**

2450

2451 "Fill" means, for 35 Ill. Adm. Code 218.119 through 218.129 and 219.119 through 219.129,
2452 introducing VOL into a storage vessel but not necessarily to complete capacity.

2453

2454 (Source: Amended at 50 Ill. Reg. , effective
2455)

2456

2457 **Section 211.2310 Final Repair Coat**

2458

2459 "Final repair coat" means:

2460

2461 a) For 35 Ill. Adm. Code 215.204(a), 218.204(a)(1), and 219.204(a)(1), a coating
2462 that is used to repaint topcoat that is damaged during vehicle assembly;

2463

2464 b) For 35 Ill. Adm. Code 218.204(a)(2) and 219.204(a)(2), a coating applied to
2465 completely assembled motor vehicles or to parts that are not yet on a completely
2466 assembled vehicle to correct damage or imperfections in the coating. Curing the
2467 coatings applied in these operations is accomplished at a lower temperature than
2468 that used for curing primer surfacer and topcoat.

2469

2470 (Source: Amended at 50 Ill. Reg. , effective
2471)

2472

2473 **Section 211.2320 Finish Primer Surfacer**

2474

2475 "Finish primer surfacer" means, for 35 Ill. Adm. Code 218 and 219, a coating applied with a wet
2476 film thickness of less than 10 mils before a topcoat to provide corrosion resistance, adhesion of
2477 subsequent coatings, or a moisture barrier or promote a uniform surface necessary for filling in
2478 surface imperfections.

2479

2480 (Source: Amended at 50 Ill. Reg. , effective
2481)

2482

2483 **Section 211.2340 Fire-Resistant Interior Coating**

2484

2485 "Fire-resistant interior coating" means:

2486

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- 2487 a) For civilian aircraft, fire-resistant interior coatings used on passenger cabin
- 2488 interior parts that are subject to the Federal Aviation Administration
- 2489 fireworthiness requirements.
- 2490
- 2491 b) For military aircraft, fire-resistant interior coatings used on parts subject to the
- 2492 flammability requirements of military specifications for aircraft.
- 2493
- 2494 c) For space applications, fire-resistant interior coatings used on parts subject to
- 2495 NASA flammability requirements for space shuttles and space stations.
- 2496

(Source: Amended at 50 Ill. Reg. , effective
)

Section 211.2357 Flat Glass

"Flat glass" means, for 35 Ill. Adm. Code 217, glass made of soda-lime recipe and produced into continuous flat sheets and other products listed in Standard Industrial Classification 3211.

(Source: Amended at 50 Ill. Reg. , effective
)

Section 211.2358 Flat Wood Paneling

"Flat wood paneling" means natural finish hardwood plywood panels, hardwood panels with Class II finishes, tileboard, exterior siding, and printed interior panels made of hardwood plywood or thin particleboard.

(Source: Amended at 50 Ill. Reg. , effective
)

Section 211.2359 Flat Wood Paneling Coating Line

"Flat wood paneling coating line" means a coating line in which any protective, decorative, or functional coating is applied to flat wood paneling.

(Source: Amended at 50 Ill. Reg. , effective
)

Section 211.2360 Flexible Coating

"Flexible coating" means:

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2528

2529

a) Before May 1, 2012, a paint able to withstand dimensional changes.

2530

2531

b) On and after May 1, 2012, a coating required to comply with engineering specifications for impact resistance, mandrel bend, or elongation as defined by the original manufacturer of the equipment being coated.

2532

2533

2534

(Source: Amended at 50 Ill. Reg. , effective)

2535

2536

2537

Section 211.2368 Flexible Packaging

2538

2539

"Flexible packaging" means any package or part of a package, the shape of which can be readily changed. Flexible packaging includes bags, pouches, liners, and wraps using paper, plastic, film, aluminum foil, metalized or coated paper or film, or any combination of these materials. Shrink-wrap labels or wrappers (but not self-adhesive labels) printed on or in-line with a flexible packaging printing press are also considered to be flexible packaging. Flexible packaging does not include folding cartons, gift wraps, hot stamp foils, wall coverings, vinyl products, decorative laminates, floor coverings, or tissue products.

2540

2541

2542

2543

2544

2545

2546

2547

(Source: Amended at 50 Ill. Reg. , effective)

2548

2549

2550

Section 211.2369 Flexible Vinyl

2551

2552

"Flexible vinyl" means, for 35 Ill. Adm. Code 218 and 219, non-rigid polyvinyl chloride plastic with a 5% by weight plasticizer content.

2553

2554

2555

(Source: Amended at 50 Ill. Reg. , effective)

2556

2557

2558

Section 211.2400 Flight Test Coating

2559

2560

"Flight test coating" means a coating applied to aircraft other than missiles or single-use aircraft before flight testing to protect the aircraft from corrosion and to provide required marking during flight test evaluation.

2561

2562

2563

2564

(Source: Amended at 50 Ill. Reg. , effective)

2565

2566

2567

Section 211.2412 Flush Cleaning at Aerospace Facilities

2568

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2569

2570 "Flush cleaning at aerospace facilities" means removal of contaminants, such as dirt, grease, oil,
2571 and coatings from an aerospace vehicle or component or from coating equipment by passing
2572 solvent over, into, or through the item being cleaned. The solvent may simply be poured into the
2573 item being cleaned and then drained or assisted by air or hydraulic pressure or by pumping. This
2574 definition does not include hand-wipe cleaning operations using wiping, scrubbing, mopping, or
2575 other hand action.

2576

2577 (Source: Amended at 50 Ill. Reg. , effective
2578)

2579

2580 **Section 211.2415 Fog Coat**

2581

2582 "Fog coat" means, for 35 Ill. Adm. Code 218 and 219, a coating that is applied to a plastic part
2583 for color matching without masking a molded-in texture. A fog coat must not be applied at a
2584 thickness of more than 0.5 mm of coating solids.

2585

2586 (Source: Amended at 50 Ill. Reg. , effective
2587)

2588

2589 **Section 211.2425 Fossil Fuel-Fired**

2590

2591 "Fossil fuel-fired" means the combustion of fossil fuel, alone or in combination with any other
2592 fuel, where fossil fuel actually combusted comprises or is projected to comprise more than 50%
2593 of the annual heat input on a btu basis during any year.

2594

2595 (Source: Amended at 50 Ill. Reg. , effective
2596)

2597

2598 **Section 211.2450 Freeboard Height**

2599

2600 "Freeboard height" means:

2601

2602 a) For open top vapor degreasers, the distance from the top of the vapor zone to the
2603 top of the degreaser tank.

2604

2605 b) For cold cleaning degreasers, the distance from the solvent to the top of the
2606 degreaser tank.

2607

2608 (Source: Amended at 50 Ill. Reg. , effective
2609)

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2610

2611 **Section 211.2470 Fuel Combustion Emission Unit or Fuel Combustion Emission Source**

2612

2613 "Fuel combustion emission unit" or "Fuel combustion emission source" means any furnace,
2614 boiler, or similar equipment used primarily to produce heat or power by indirect heat transfer.

2615

2616 (Source: Amended at 50 Ill. Reg. , effective
2617)

2618

2619 **Section 211.2485 Fuel Tank Coating for Aerospace Applications**

2620

2621 "Fuel tank coating for aerospace applications" means a coating applied to fuel tank components
2622 on an aerospace vehicle to inhibit corrosion, bacterial growth, or both and to assure sealant
2623 adhesion in extreme environmental conditions.

2624

2625 (Source: Amended at 50 Ill. Reg. , effective
2626)

2627

2628 **Section 211.2490 Fugitive Particulate Matter**

2629

2630 "Fugitive particulate matter" means any particulate matter emitted into the atmosphere other than
2631 through a stack. However, nothing in this definition or in 35 Ill. Adm. Code 212.Subpart K
2632 exempts any emission unit from complying with otherwise applicable provisions of 35 Ill. Adm.
2633 Code 212 merely because of the absence of a stack.

2634

2635 (Source: Amended at 50 Ill. Reg. , effective
2636)

2637

2638 **Section 211.2510 Full Operating Flowrate**

2639

2640 "Full operating flowrate" means maximum operating capacity of the source, emission unit, or
2641 process unit, as applicable.

2642

2643 (Source: Amended at 50 Ill. Reg. , effective
2644)

2645

2646 **Section 211.2525 Gasket/Gasket Sealing Material**

2647

2648 "Gasket/gasket sealing material" means, for 35 Ill. Adm. Code 218 and 219, a fluid applied to
2649 coat a gasket or replace and perform the same function as a gasket, including room temperature
2650 vulcanization seal material.

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2651

2652 (Source: Amended at 50 Ill. Reg. , effective
2653)

2654

2655 **Section 211.2530 Gas Service**

2656

2657 "Gas service" means the equipment or component contains process fluid in the gaseous state at
2658 operating conditions.

2659

2660 (Source: Amended at 50 Ill. Reg. , effective
2661)

2662

2663 **Section 211.2550 Gas/Gas Method**

2664

2665 "Gas/gas method" means either of two methods relying only on gas phase measurements to
2666 determine VOM capture efficiency:

2667

2668 a) Construction of a temporary total enclosure (TTE) to ensure that all would-be
2669 fugitive emissions are measured; or

2670

2671 b) Using the building or room which houses the coating line, printing line, or other
2672 emission unit as an enclosure. This method requires that all other VOM lines or
2673 emission units within the building or room be shut down while the test is
2674 performed, but all fans and blowers within the building or room must be operated
2675 according to normal procedures.

2676

2677 (Source: Amended at 50 Ill. Reg. , effective
2678)

2679

2680 **Section 211.2610 Gel Coat**

2681

2682 "Gel coat" means a resin coating, either pigmented or clear, applied to the surface of a mold that
2683 becomes an integral part of a polyester resin product and that provides a cosmetic enhancement
2684 and improves resistance to degradation from exposure to the elements.

2685

2686 (Source: Amended at 50 Ill. Reg. , effective
2687)

2688

2689 **Section 211.2615 General Work Surface**

2690

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2691 "General work surface" means, for 35 Ill. Adm. Code 218.187 and 219.187, an area of a medical
2692 device or pharmaceutical manufacturing facility where solvent cleaning is performed on work
2693 surfaces, but for which cleaning specifications are not required to be maintained in compliance
2694 with criteria and procedures established to meet requirements of the United States Food and
2695 Drug Administration or other applicable regulatory agencies with authority over manufacturing
2696 operations for medical devices or pharmaceuticals. General work surfaces do not include items
2697 defined under "Janitorial Cleaning-":

2698
2699 (Source: Amended at 50 Ill. Reg. , effective
2700)

2701
2702 **Section 211.2622 Glass Bonding Primer**
2703

2704 "Glass bonding primer" means, for 35 Ill. Adm. Code 218 and 219, a primer applied to
2705 windshield or other glass or to body openings to prepare the glass or body opening for applying
2706 glass bonding adhesives or installing adhesive bonded glass, including glass bonding/cleaning
2707 primers that perform both functions (cleaning and priming of the windshield or other glass or
2708 body openings) before applying adhesive or installing adhesive bonded glass.

2709
2710 (Source: Amended at 50 Ill. Reg. , effective
2711)

2712
2713 **Section 211.2625 Glass Melting Furnace**
2714

2715 "Glass melting furnace" means, for 35 Ill. Adm. Code 217, a unit comprising a refractory vessel
2716 in which raw materials are charged and melted at high temperature to produce molten glass.

2717
2718 (Source: Amended at 50 Ill. Reg. , effective
2719)

2720
2721 **Section 211.2630 Gloss Reducers**
2722

2723 "Gloss reducers" means a low-gloss coating formulated to eliminate glare on interior surfaces of
2724 a vehicle for safety purposes under U.S. Department of Transportation Motor Vehicle Safety
2725 Standards.

2726
2727 (Source: Amended at 50 Ill. Reg. , effective
2728)

2729
2730 **Section 211.2650 Grain**
2731

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2732 "Grain" means the whole kernel or seed of corn, wheat, oats, soybeans, and any other cereal or
2733 oil seed plant and the normal fines, dust, and foreign matter which result from harvesting,
2734 handling, or conditioning. The grain must be unaltered by grinding or processing.
2735

2736 (Source: Amended at 50 Ill. Reg. , effective
2737)
2738

2739 **Section 211.2690 Grain-Handling and Conditioning Operation**
2740

2741 "Grain-handling and conditioning operation" means a grain storage facility and its associate grain
2742 transfer, cleaning, drying, grinding, and mixing operations.
2743

2744 (Source: Amended at 50 Ill. Reg. , effective
2745)
2746

2747 **Section 211.2710 Grain-Handling Operation**
2748

2749 "Grain-handling operation" means any operation where one or more of the following
2750 grain-related processes (other than grain-drying operation, portable grain-handling equipment,
2751 and one-turn storage space, and excluding flour mills and feed mills) are performed: receiving,
2752 shipping, transferring, storing, mixing, or treating grain or other processes under normal grain
2753 operations.
2754

2755 (Source: Amended at 50 Ill. Reg. , effective
2756)
2757

2758 **Section 211.2730 Green-Tire Spraying**
2759

2760 "Green tire spraying" means spraying green tires, both inside and outside, with release
2761 compounds which help remove air from the tire during molding and prevent the tire from
2762 sticking to the mold after curing.
2763

2764 (Source: Amended at 50 Ill. Reg. , effective
2765)
2766

2767 **Section 211.2770 Gross Heating Value**
2768

2769 "Gross heating value" means amount of heat produced when a unit quantity of fuel is burned to
2770 carbon dioxide and water vapor, and the water vapor condensed as described in ASTM
2771 D1826-94 (2017), and D240-19, each incorporated by reference in Section 211.101(a)(3).
2772

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2773 (Source: Amended at 50 Ill. Reg. _____, effective
2774 _____)
2775

Section 211.2795 Hand-Wipe Cleaning Operation at Aerospace Facilities

2776
2777 "Hand-wipe cleaning at aerospace facilities" means removing contaminants, such as dirt, grease,
2778 oil, and coatings, from an aerospace vehicle or component by physically rubbing it with material
2779 such as a rag, paper, or cotton swab that has been moistened with a cleaning solvent.
2780

2781
2782 (Source: Amended at 50 Ill. Reg. _____, effective
2783 _____)
2784

Section 211.2800 Hardwood Plywood

2785
2786 "Hardwood plywood" means plywood whose surface layer is a veneer of hardwood.
2787

2788
2789 (Source: Amended at 50 Ill. Reg. _____, effective
2790 _____)
2791

Section 211.2810 Heated Airless Spray

2792
2793 "Heated airless spray" means an airless spray coating method in which the coating is heated just
2794 before application.
2795

2796
2797 (Source: Amended at 50 Ill. Reg. _____, effective
2798 _____)
2799

Section 211.2825 Heat-Resistant Coating

2800
2801 "Heat-resistant coating" means, for 35 Ill. Adm. Code 218 and 219, a coating that must withstand
2802 a temperature of at least 204 °C (400 °F) during normal use.
2803

2804
2805 (Source: Amended at 50 Ill. Reg. _____, effective
2806 _____)
2807

Section 211.2840 Heatset Web Letterpress Printing Line

2808
2809 "Heatset web letterpress printing line" means a letterpress printing line in which a continuous
2810 roll of substrate is fed through the printing press and an oven is used to solidify the printing inks.
2811
2812

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2813 (Source: Amended at 50 Ill. Reg. _____, effective
2814 _____)
2815

Section 211.2870 Heavy Liquid

"Heavy liquid" means liquid that:

- 2820 a) Has a true vapor pressure of less than 0.3 kPa (0.04 psi) at 294.3 ~~°K~~°K (70 ~~°F~~°F)
2821 established in a standard reference text or as determined by ASTM method D
2822 2879-18, incorporated by reference in 35 Ill. Adm. Code 218.112 and 219.112;
2823
- 2824 b) Has 0.1 Reid Vapor Pressure as determined by ASTM method D323-20a,
2825 incorporated by reference in 35 Ill. Adm. Code 218.112 and 219.112; or
2826
- 2827 c) When distilled, requires a temperature of 421.95 °K (300 °F) or greater to recover
2828 10 percent of the liquid as determined by ASTM method D 86-23a, incorporated
2829 by reference in 35 Ill. Adm. Code 215.105, 218.112, and 219.112.
2830

2831 (Source: Amended at 50 Ill. Reg. _____, effective
2832 _____)
2833

Section 211.2890 Heavy Metals

"Heavy metals" means, for Section 9.4 of the Act, elemental, ionic, or combined forms of arsenic, cadmium, mercury, chromium, nickel, and lead.

2839 (Source: Amended at 50 Ill. Reg. _____, effective
2840 _____)
2841

Section 211.2910 Heavy Off-Highway Vehicle Products

"Heavy off-highway vehicle products" means heavy construction, mining, farming, or material handling equipment; heavy industrial engines; diesel-electric locomotives and associated power generation equipment; and the constituent parts of the equipment or engines.

2848 (Source: Amended at 50 Ill. Reg. _____, effective
2849 _____)
2850

Section 211.2930 Heavy Off-Highway Vehicle Products Coating

"Heavy off-highway vehicle products coating" means any protective, decorative, or functional

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2854 coating applied onto the surface of heavy off-highway vehicle products. A high temperature
2855 aluminum coating applied to a diesel-electric locomotive in Cook County is not a heavy
2856 off-highway vehicle products coating.

2857
2858 (Source: Amended at 50 Ill. Reg. , effective
2859)
2860

2861 **Section 211.2950 Heavy Off-Highway Vehicle Products Coating Line**

2862
2863 "Heavy off-highway vehicle products coating line" means a coating line in which any protective,
2864 decorative, or functional coating is applied onto the surface of heavy off-highway vehicle
2865 products. Applying a high temperature aluminum coating to a diesel-electric locomotive in Cook
2866 County is not a heavy off-highway vehicle products coating line or part of a heavy off-highway
2867 vehicle products coating line.

2868
2869 (Source: Amended at 50 Ill. Reg. , effective
2870)
2871

2872 **Section 211.2955 High Bake Coating**

2873
2874 "High bake coating" means, for 35 Ill. Adm. Code 218 and 219, a coating that is designed to cure
2875 only at temperatures of more than 90 °C (194 °F).
2876

2877 (Source: Amended at 50 Ill. Reg. , effective
2878)
2879

2880 **Section 211.2956 High Build Primer Surfacer**

2881
2882 "High build primer surfacer" means, for 35 Ill. Adm. Code 218 and 219, a coating applied with a
2883 wet film thickness of 10 mm or more before a topcoat to provide corrosion resistance, adhesion
2884 of subsequent coatings, or a moisture barrier or promote a uniform surface necessary for filling
2885 in surface imperfections.

2886
2887 (Source: Amended at 50 Ill. Reg. , effective
2888)
2889

2890 **Section 211.2958 High Gloss Coating**

2891
2892 "High gloss coating" means, for 35 Ill. Adm. Code 218 and 219, any coating that achieves at
2893 least 85% reflectance on a 60° meter when tested using ASTM D523-14 (2018), incorporated by
2894 reference in Section 211.101(a)(3).

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(Source: Amended at 50 Ill. Reg. , effective)

Section 211.2960 High-Performance Architectural Coating

"High-performance architectural coating" means, for 35 Ill. Adm. Code 218 and 219, a coating used to protect architectural subsections and that meets the requirements of the American Architectural Manufacturers Association publication number AAMA 2604-05 (Voluntary Specification, Performance Requirements and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions and Panels), incorporated by reference in Section 211.101, or 2605-05 (Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels), incorporated by reference in Section 211.101.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.2965 High Precision Optic

"High precision optic " means, for 35 Ill. Adm. Code 218.187 and 219.187, an optical element used in an electro-optical device that is designed to sense, detect, or transmit light energy, including specific wavelengths of light energy and changes in light energy levels.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.2970 High Temperature Aluminum Coating

"High temperature aluminum coating" means a coating certified to withstand a temperature of 537.8 °C (1000 °F) for 24 hours.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.2980 High Temperature Coating

"High temperature coating" means:

- a) For 35 Ill. Adm. Code 218 and 219, a coating certified to withstand a temperature of 538 ~~°C~~°C (1000 ~~°F~~°F) for 24 hours.

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2936 b) For 35 Ill. Adm. Code 219.204(r), a coating designed to withstand temperatures
2937 more than 177 ~~°C~~°C (350 ~~°F~~°F).
2938

2939 (Source: Amended at 50 Ill. Reg. ~~_____~~ _____, effective
2940 ~~_____~~ _____)
2941

2942 **Section 211.2990 High Volume Low Pressure (HVLP) Spray**
2943

2944 "High volume low pressure (HVLP) spray" means equipment used to apply coatings with a spray
2945 gun which operates between 0.1 and 10 psig air pressure.
2946

2947 (Source: Amended at 50 Ill. Reg. ~~_____~~ _____, effective
2948 ~~_____~~ _____)
2949

2950 **Section 211.3010 Hood**
2951

2952 "Hood" means a partial enclosure or canopy for capturing and exhausting with a draft the organic
2953 vapors or other fumes produced from a coating line, printing line, or other emission unit.
2954

2955 (Source: Amended at 50 Ill. Reg. ~~_____~~ _____, effective
2956 ~~_____~~ _____)
2957

2958 **Section 211.3050 Housekeeping Practices**
2959

2960 "Housekeeping practices" means the activities defined in housekeeping practices developed by
2961 the Joint EPA - Industry Task Force and listed under 35 Ill. Adm. Code 212.461.
2962

2963 (Source: Amended at 50 Ill. Reg. ~~_____~~ _____, effective
2964 ~~_____~~ _____)
2965

2966 **Section 211.3090 Indirect Heat Transfer**
2967

2968 "Indirect heat transfer" means transfer of heat in a way that the source of heat does not come into
2969 direct contact with process materials.
2970

2971 (Source: Amended at 50 Ill. Reg. ~~_____~~ _____, effective
2972 ~~_____~~ _____)
2973

2974 **Section 211.3095 Indoor Floor Covering Installation Adhesive**
2975

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2976 "Indoor floor covering installation adhesive" means, for 35 Ill. Adm. Code 218 and 219, any
2977 adhesive intended by the manufacturer for installing wood flooring, carpet, resilient tile, vinyl
2978 tile, vinyl backed carpet, resilient sheet and roll, or artificial grass. This definition does not
2979 include adhesives used to install ceramic tile and perimeter bonded sheet flooring with vinyl
2980 backing onto a non-porous substrate, such as flexible vinyl.

2981
2982 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2983

2984 **Section 211.3100 Industrial Boiler**
2985

2986 "Industrial boiler" means, for 35 Ill. Adm. Code 217, an enclosed vessel in which water is heated
2987 and circulated either as hot water or as steam for heating, for power, or for both. This term does
2988 not include a heat recovery steam generator that captures waste heat from a combustion turbine
2989 and boilers serving a generator that has a nameplate capacity greater than 25 MWe and produces
2990 electricity for sale if the boilers meet the applicability criteria under 35 Ill. Adm. Code
2991 217.Subpart M.

2992
2993 (Source: Amended at 50 Ill. Reg. _____, effective
2994 _____)
2995

2996 **Section 211.3110 Ink**
2997

2998 "Ink" means a coating used in printing, impressing, or transferring words, pictures, designs, or
2999 other images onto a substrate.

3000
3001 (Source: Amended at 50 Ill. Reg. _____, effective
3002 _____)
3003

3004 **Section 211.3120 In-Line Repair**
3005

3006 "In-line repair" means, for 35 Ill. Adm. Code 218 and 219, the operation performed and coatings
3007 applied to correct damage or imperfections in the topcoat on parts that are not yet on a
3008 completely assembled vehicle. Curing of the coatings applied in these operations is
3009 accomplished at essentially the same temperature as that used for curing the previously applied
3010 topcoat. "In-line repair" is also referred to as high bake repair or high bake reprocess. In-line
3011 repair is considered part of the topcoat operation.

3012
3013 (Source: Amended at 50 Ill. Reg. _____, effective
3014 _____)
3015

3016 **Section 211.3130 In-Process Tank**

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3017
3018 "In-process tank" means, for manufacturing pharmaceuticals, a container used for mixing,
3019 blending, heating, reacting, holding, crystallizing, evaporating, or cleaning operations.
3020

3021 (Source: Amended at 50 Ill. Reg. , effective
3022)
3023

3024 **Section 211.3160 Insulation Covering**
3025

3026 "Insulation covering" means material applied to foam insulation to protect the insulation from
3027 mechanical or environmental damage.
3028

3029 (Source: Amended at 50 Ill. Reg. , effective
3030)
3031

3032 **Section 211.3190 Internal-Floating Roof**
3033

3034 "Internal-floating roof" means a cover or roof in a fixed-roof tank which rests upon and is
3035 supported by the VOL being contained and is equipped with a closure seal or seals to close the
3036 space between the roof edge and tank shell.
3037

3038 (Source: Amended at 50 Ill. Reg. , effective
3039)
3040

3041 **Section 211.3215 Janitorial Cleaning**
3042

3043 "Janitorial cleaning" means, for 35 Ill. Adm. Code 218.187 and 219.187, cleaning building or
3044 facility components, including floors, ceilings, walls, windows, doors, stairs, bathrooms,
3045 furnishings, and exterior surfaces of office equipment. The definition excludes cleaning work
3046 areas where manufacturing or repair activity is performed.
3047

3048 (Source: Amended at 50 Ill. Reg. , effective
3049)
3050

3051 **Section 211.3230 Lacquers**
3052

3053 "Lacquers" means:
3054

- 3055 a) For coating wood furniture, any clear wood finishes formulated with
3056 nitrocellulose or synthetic resins to dry by evaporation without chemical reaction,
3057 including clear lacquer sanding sealers.

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b) For 35 Ill. Adm. Code 219.204(r), a clear or pigmented coating formulated with a nitrocellulose or synthetic resin to dry by evaporation without a chemical reaction. Lacquers are resoluble in their original solvent.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3240 Laminate

"Laminate" means, for 35 Ill. Adm. Code 218 and 219, a product made by bonding together two or more layers of material.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3270 Large Appliance Coating

"Large appliance coating" means any protective, decorative, or functional coating applied onto the surface of large appliances or to the constituent metal parts of large appliances, including doors, cases, lids, panels, and interior support parts.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3290 Large Appliance Coating Line

"Large appliance coating line" means a coating line in which any protective, decorative, or functional coating is applied onto the surface of large appliances or to the constituent metal parts of large appliances, including doors, cases, lids, panels, and interior parts.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3305 Letterpress Printing Line

"Letterpress Printing Line" means a web or sheetfed printing line that does not constitute a flexographic printing line, in which the image area is raised relative to the non-image area, and the ink is transferred to the substrate directly from the image surface.

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3098 (Source: Amended at 50 Ill. Reg. , effective
3099)
3100

Section 211.3330 Light-Duty Truck

3101
3102
3103 "Light-duty truck" means any motor vehicle with a gross vehicle weight rating of 3,850 kg or
3104 less designed mainly to transport property.
3105

3106 (Source: Amended at 50 Ill. Reg. , effective)
3107

Section 211.3355 Lime Kiln

3108
3109
3110 "Lime kiln" means, for 35 Ill. Adm. Code 217, an enclosed combustion device used to calcine
3111 lime mud, which consists primarily of calcium carbonate, into calcium oxide.
3112

3113 (Source: Amended at 50 Ill. Reg. , effective
3114)
3115

Section 211.3360 Limited Access Space

3116
3117
3118 "Limited access space" means internal surfaces or passages of an aerospace vehicle or
3119 component that cannot be reached to apply coatings without the aid of an airbrush or a spray gun
3120 extension.
3121

3122 (Source: Amended at 50 Ill. Reg. , effective
3123)
3124

Section 211.3370 Liquid/Gas Method

3125
3126
3127 "Liquid/gas method" means either of two methods requiring both gas phase and liquid phase
3128 measurements and analysis to determine VOM capture efficiency:
3129

- 3130 a) Constructing a temporary total enclosure (TTE) to ensure that all would-be
3131 fugitive emissions are measured; or
3132
- 3133 b) Using the building or room housing the coating line, printing line, or other
3134 emission unit as an enclosure. This method requires that all other VOM lines or
3135 emission units within the building or room be shut down while the test is
3136 performed, but all fans and blowers within the building or room must be operated
3137 according to normal procedures.
3138

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3139 (Source: Amended at 50 Ill. Reg. , effective
3140)
3141

3142 **Section 211.3410 Liquid Service**
3143

3144 "Liquid service" means the equipment or component contains process fluid in a liquid state at
3145 operating conditions.
3146

3147 (Source: Amended at 50 Ill. Reg. , effective)
3148

3149 **Section 211.3430 Liquids Dripping**
3150

3151 "Liquids dripping" means any visible leaking from a seal, including spraying, misting, clouding,
3152 and ice formation.
3153

3154 (Source: Amended at 50 Ill. Reg. , effective
3155)
3156

3157 **Section 211.3450 Lithographic Printing Line**
3158

3159 "Lithographic printing line" means a web or sheet-fed printing line in which each roll printer
3160 uses a roll on which both the image and non-image areas are essentially in the same plane
3161 (planographic).
3162

3163 (Source: Amended at 50 Ill. Reg. , effective
3164)
3165

3166 **Section 211.3475 Load Shaving Unit**
3167

3168 "Load shaving unit" means, for 35 Ill. Adm. Code 217, a device used to generate electricity for
3169 sale or use during high electric demand days, including stationary reciprocating internal
3170 combustion engines or turbines.
3171

3172 (Source: Amended at 50 Ill. Reg. , effective
3173)
3174

3175 **Section 211.3480 Loading Event**
3176

3177 "Loading event" means an event that begins with connecting marine terminal storage tanks to a
3178 marine vessel by piping or hoses, includes transferring liquid from the storage tank into the
3179 marine vessel, and ends with disconnecting the pipes or hoses.

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3180
3181 (Source: Amended at 50 Ill. Reg. _____, effective
3182 _____)
3183

3184 **Section 211.3483 Long Dry Kiln**

3185
3186 "Long dry kiln" means a kiln 14 feet or larger in outside diameter and 400 feet or larger in
3187 length, which does not preheat the feed in the cyclone chambers and has dry inlet feed to the
3188 kiln.
3189

3190 (Source: Amended at 50 Ill. Reg. _____, effective
3191 _____)
3192

3193 **Section 211.3485 Long Wet Kiln**

3194
3195 "Long wet kiln" means a kiln 14 feet or larger in outside diameter and 400 feet or greater in
3196 length, which does not preheat the feed in the cyclone chambers and has slurry inlet feed to the
3197 kiln.
3198

3199 (Source: Amended at 50 Ill. Reg. _____, effective
3200 _____)
3201

3202 **Section 211.3487 ~~Low-NO_x~~ Low-NO_x Burner**

3203
3204 "Low-NO_x burner" means, for 35 Ill. Adm. Code 217.Subpart T, a type of cement kiln burner
3205 system designed to lower NO_x ~~formation by~~ controlling flame turbulence, delaying fuel/air
3206 mixing, and establishing fuel-rich zones for initial combusting, which for firing of solid fuel by a
3207 kiln's main burner includes an indirect firing system or comparable technique for the main burner
3208 to lower the amount of primary combustion air supplied with the pulverized fuel. In an indirect
3209 firing system, one air stream is used to convey pulverized fuel from the grinding equipment, and
3210 another air stream is used to supply primary combustion air to the kiln burner with the pulverized
3211 fuel, with intermediate storage of the fuel. In contrast, in a direct firing system, the air stream
3212 used to convey pulverized coal is then directly used as primary combustion air without any
3213 intermediate storage of fuel, resulting in more primary combustion air than with an indirect
3214 system.
3215

3216 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3217

3218 **Section 211.3490 Low Solvent Coating**

3219
3220 "Low solvent coating" means a coating which contains less organic solvent than the conventional

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3221 coatings used by the industry. Low solvent coatings include water-borne, higher solids,
3222 electro-deposition, and powder coatings.

3223
3224 (Source: Amended at 50 Ill. Reg. , effective
3225)
3226

Section 211.3500 Lubricating Oil

3227
3228
3229 "Lubricating oil" means an oil manufactured from petroleum or used oil for a use other than fuel,
3230 including engine oil, gear oil, transmission oil, turbine oil, hydraulic oil, aviation oil, and heat
3231 transfer oil. This definition also includes synthetic oils manufactured to serve these functions,
3232 base stock, and additive packages and individual additives for lubricating oil including viscosity
3233 index improvers, dispersants, corrosion inhibitors, antioxidants, detergents, wear inhibitors,
3234 friction modifiers, and pour point depressants. This definition does not include used oil.

3235
3236 (Source: Amended at 50 Ill. Reg. , effective
3237)
3238

Section 211.3505 Lubricating Wax/Compound

3239
3240
3241 "Lubricating wax/compound" means, for 35 Ill. Adm. Code 218 and 219, a protective lubricating
3242 material applied to vehicle hubs and hinges.

3243
3244 (Source: Amended at 50 Ill. Reg. , effective
3245)
3246

Section 211.3510 Magnet Wire

3247
3248
3249 "Magnet wire" means aluminum or copper wire which may be used in an electromagnetic device.

3250
3251 (Source: Amended at 50 Ill. Reg. , effective
3252)
3253

Section 211.3530 Magnet Wire Coating

3254
3255
3256 "Magnet wire coating" means any electrically insulating varnish or enamel or other protective,
3257 decorative, or functional coating applied onto the surface of magnet wire.

3258
3259 (Source: Amended at 50 Ill. Reg. , effective
3260)
3261

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3262 **Section 211.3550 Magnet Wire Coating Line**

3263
3264 "Magnet wire coating line" means a coating line in which any electrically insulating varnish or
3265 enamel or other protective, decorative, or functional coating is applied onto the surface of
3266 magnet wire.

3267
3268 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3269

3270 **Section 211.3555 Maintenance Cleaning**

3271
3272 "Maintenance cleaning" means, for 35 Ill. Adm. Code 218.187 and 219.187, a solvent cleaning
3273 operation or activity carried out to ensure that general work areas where manufacturing or repair
3274 activity is performed remain clean, and to clean tools, machinery, molds, forms, jigs, and
3275 equipment. This definition does not include the cleaning of coatings, adhesives, or ink
3276 application equipment.

3277
3278 (Source: Amended at 50 Ill. Reg. _____, effective
3279 _____)
3280

3281 **Section 211.3590 Major Metropolitan Area (MMA)**

3282
3283 "Major Metropolitan Area (MMA)" means any county or group of counties listed in the
3284 following Table:
3285

3286 ~~MAJOR METROPOLITAN AREAS (MMAs) IN ILLINOIS~~
MAJOR METROPOLITAN AREAS (MMAs) IN ILLINOIS

MMA	COUNTIES INCLUDED IN MMA
Champaign-Urbana	Champaign
Chicago	Cook, Lake, Will, DuPage, McHenry, Kane, Grundy, Kendall, Kankakee
Decatur	Macon
Peoria	Peoria, Tazewell
Rockford	Winnebago
Rock Island – Moline	Rock Island
Springfield	Sangamon
St. Louis (Illinois)	St. Clair, Madison
Bloomington-Normal	McLean

3287
3288 (Source: Amended at 50 Ill. Reg. _____, effective
3289 _____)

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Section 211.3610 Major Population Area (MPA)

"Major Population Area (MPA)" means areas of major population concentration in Illinois, as described below:

~~The area within the counties of Cook, Lake, DuPage, and Will; the townships of Burton, Richmond, McHenry, Greenwood, Nunda, Door, Algonquin, and Grafton and the municipality of Woodstock, plus a zone extending two miles beyond the boundary of Woodstock in McHenry County; the townships of Dundee, Rutland, Elgin, Plato, St. Charles, Campton, Geneva, Blackberry, Batavia, Sugar Creek, and Aurora in Kane County; and the municipalities of Kankakee, Bradley, and Bourbonnais, plus a zone extending two miles beyond the boundaries of those municipalities, in Kankakee County.~~

~~The area within the municipalities of Rockford and Loves Park, plus a zone extending two miles beyond the boundaries of those municipalities.~~

~~The area within the municipalities of Rock Island, Moline, East Moline, Carbon Cliff, Milan, Oak Grove, Silvis, Hampton, Greenwood, and Coal Valley, plus a zone extending two miles beyond the boundaries of those municipalities.~~

~~The area within the municipalities of Galesburg and East Galesburg, plus a zone extending two miles beyond the boundaries of those municipalities.~~

~~The area within the municipalities of Bartonville, Peoria, and Peoria Heights, plus a zone extending two miles beyond the boundaries of those municipalities.~~

~~The area within the municipalities of Pekin, North Pekin, Marquette Heights, Creve Coeur, and East Peoria, plus a zone extending two miles beyond the boundaries of those municipalities.~~

~~The area within the municipalities of Bloomington and Normal, plus a zone extending two miles beyond the boundaries of those municipalities.~~

~~The area within the municipalities of Champaign, Urbana, and Savoy, plus a zone extending two miles beyond the boundaries of those municipalities.~~

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~~The area within the municipalities of Decatur, Mt. Zion, Harristown, and Forsyth, plus a zone extending two miles beyond the boundaries of those municipalities.~~

~~The area within the municipalities of Springfield, Leland Grove, Jerome, Southern View, Grandview, Sherman, and Chatham, plus a zone extending two miles beyond the boundaries of those municipalities.~~

~~The area within the townships of Godfrey, Foster, Wood River, Fort Russell, Chouteau, Edwardsville, Venice, Nameoki, Alton, Granite City, and Collinsville in Madison County; and the townships of Stites, Canteen, Centreville, Caseyville, St. Clair, Sugar Loaf, and Stookey in St. Clair County.~~

3296 The area within the counties of Cook, Lake, DuPage, and Will; the townships of
3297 Burton, Richmond, McHenry, Greenwood, Nunda, Door, Algonquin, and Grafton
3298 and the municipality of Woodstock, plus a zone extending two miles beyond the
3299 boundary of Woodstock in McHenry County; the townships of Dundee, Rutland,
3300 Elgin, Plato, St. Charles, Campton, Geneva, Blackberry, Batavia, Sugar Creek and
3301 Aurora in Kane County; and the municipalities of Kankakee, Bradley and
3302 Bourbonnais, plus a zone extending two miles beyond the boundaries of those
3303 municipalities in Kankakee County.

3304
3305 The area within the municipalities of Rockford and Loves Park, plus a zone
3306 extending two miles beyond the boundaries of those municipalities.

3307
3308 The area within the municipalities of Rock Island, Moline, East Moline, Carbon
3309 Cliff, Milan, Oak Grove, Silvis, Hampton, Greenwood, and Coal Valley, plus a
3310 zone extending two miles beyond the boundaries of those municipalities.

3311
3312 The area within the municipalities of Galesburg and East Galesburg, plus a zone
3313 extending two miles beyond the boundaries of those municipalities.

3314
3315 The area within the municipalities of Bartonville, Peoria, and Peoria Heights, plus
3316 a zone extending two miles beyond the boundaries of those municipalities.

3317
3318 The area within the municipalities of Pekin, North Pekin, Marquette Heights,
3319 Creve Coeur and East Peoria, plus a zone extending two miles beyond the
3320 boundaries of those municipalities.

3321
3322 The area within the municipalities of Bloomington and Normal, plus a zone
3323 extending two miles beyond the boundaries of those municipalities.

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The area within the municipalities of Champaign, Urbana, and Savoy, plus a zone extending two miles beyond the boundaries of those municipalities.

The area within the municipalities of Decatur, Mt. Zion, Harristown, and Forsyth, plus a zone extending two miles beyond the boundaries of those municipalities.

The area within the municipalities of Springfield, Leland Grove, Jerome, Southern View, Grandview, Sherman, and Chatham, plus a zone extending two miles beyond the boundaries of those municipalities.

The area within the townships of Godfrey, Foster, Wood River, Fort Russell, Chouteau, Edwardsville, Venice, Nameoki, Alton, Granite City, and Collinsville in Madison County; and the townships of Stites, Canteen, Centreville, Caseyville, St. Clair, Sugar Loaf, and Stookey in St. Clair County.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3620 Manually Operated Equipment

"Manually operated equipment" means a machine or tool that is handheld, such as a handheld circular saw or compressed air chisel; a machine or tool where the workpiece is held or manipulated by hand, such as a bench grinder; a machine or tool where the tool or bit is manipulated by hand, such as a lathe or drill press; and any dust collection system which is part of the machine or tool. This definition does not include any machine or tool where the extent of manual operation is to control power to the machine or tool or any central dust collection system serving more than one machine or tool.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3630 Manufacturing Process

"Manufacturing process" means a method through which a process emission unit or series of process emission units is used to convert raw materials, feed stocks, subassemblies, or other constituent parts into a product, either for sale or for use in a subsequent manufacturing process.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

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3365 **Section 211.3665 Mask Coating**

3366

3367 "Mask coating" means, for 35 Ill. Adm. Code 218 and 219, a thin film coating applied through a
3368 template to coat a small portion of a substrate.

3369

3370 (Source: Amended at 50 Ill. Reg. , effective
3371)

3372

3373 **Section 211.3670 Material Recovery Section**

3374

3375 "Material recovery section" means, for manufacturing polystyrene resin, any equipment designed
3376 to transport and recover styrene monomer and other impurities from other products and
3377 by-products in a polystyrene plant, including the styrene devolatilizer unit and styrene recovery
3378 unit.

3379

3380 (Source: Amended at 50 Ill. Reg. , effective
3381)

3382

3383 **Section 211.3690 Maximum Theoretical Emissions**

3384

3385 "Maximum theoretical emissions" means the quantity of VOM emissions that theoretically could
3386 be emitted by a stationary source before add-on controls, based on the design capacity or
3387 maximum production capacity of the source and 8,760 hours per year. The design capacity or
3388 maximum production capacity includes use of coating(s) or ink(s) with the highest VOM content
3389 actually used in practice by the source; however, the Agency must, when appropriate, and when
3390 the permit applicant requests, limit the "maximum theoretical emissions" of a source by
3391 imposing conditions in a federally enforceable operating permit for the source. These conditions
3392 must not be inconsistent with requirements of the Clean Air Act, as amended, or any applicable
3393 requirements established by the Board. These conditions must be established in place of design
3394 capacity or maximum production capacity in calculating the "maximum theoretical emissions"
3395 for the source and may include establishing production limitations, capacity limitations, or
3396 limitations on the VOM content of coatings or inks, or the operating hours of any emission unit,
3397 or a combination of these limitations. Production or capacity limitations must be established for
3398 no longer than one month except when a longer period of time is appropriate. In those cases, a
3399 limit or limitation must not exceed an annual limit rolled on a basis of at most a month. For
3400 example, a monthly production or a capacity level must be determined for each parameter subject
3401 to a production or capacity limitation and added to the 11 prior monthly levels for monthly
3402 comparison with the annual limit. Any production or capacity limitations must be verified
3403 through appropriate recordkeeping.

3404

3405 BOARD NOTE: USEPA may deem operating permits not "federally enforceable" if they do not

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3406 conform to the operating permit program requirements and USEPA's underlying regulations,
3407 including the requirement that limitations be quantifiable and enforceable as a practical matter.
3408

3409 (Source: Amended at 50 Ill. Reg. , effective
3410)
3411

3412 **Section 211.3695 Maximum True Vapor Pressure**
3413

3414 "Maximum true vapor pressure" means the equilibrium partial pressure exerted by stored VOL at
3415 the temperature equal to the highest calendar-month average of the VOL storage temperature for
3416 VOLs stored above or below the ambient temperature or at the local maximum monthly average
3417 temperature of 75 °F for the Chicago area, as defined at 35 Ill. Adm. Code 218.100, or 79 °F for
3418 the Metro-East area, as defined at 35 Ill. Adm. Code 219.100, for VOLs stored at the ambient
3419 temperature, as determined:
3420

- 3421 a) In compliance with methods in American Petroleum Institute Manual of
3422 Petroleum Measurement Standards Chapter 19.2 Evaporative Loss from
3423 Floating-roof Tanks (August 2000), incorporated by reference at 35 Ill. Adm.
3424 Code 218.112 and 219.112; or
3425
- 3426 b) By ASTM Method D 2879-18, incorporated by reference at 35 Ill. Adm. Code
3427 218.112(a)(1) and 219.112(a)(1).
3428

3429 (Source: Amended at 50 Ill. Reg. , effective
3430)
3431

3432 **Section 211.3705 Medical Device**
3433

3434 "Medical device" means, for 35 Ill. Adm. Code 218.187 and 219.187, an instrument, apparatus,
3435 implement, machine, contrivance, implant, in vitro reagent, or other similar article, including any
3436 component or accessory, that meets one or more of the following conditions:
3437

- 3438 a) It is intended for use in the diagnosis of disease or other conditions, or in the cure,
3439 mitigation, treatment, or prevention of disease;
3440
- 3441 b) It is intended to affect the structure or any function of the body; or
3442
- 3443 c) It is defined in the National Formulary or the United States Pharmacopeia, or any
3444 supplement to them.
3445

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3446 (Source: Amended at 50 Ill. Reg. , effective
3447)
3448

Section 211.3707 Medical Device and Pharmaceutical Manufacturing

3450
3451 "Medical device and pharmaceutical manufacturing " means, for 35 Ill. Adm. Code 218.187 and
3452 219.187, the collection of equipment and activities to prepare, utilize, maintain, and repair work
3453 areas to accomplish one or more steps in preparing a medical device or pharmaceutical for its
3454 intended use. Manufacturing is typically, but not always, conducted in compliance with criteria
3455 and procedures established to meet requirements of the United States Food and Drug
3456 Administration or other applicable regulatory agencies with authority over manufacturing
3457 operations for global sales of medical devices or pharmaceuticals. Work areas and equipment
3458 include all machinery, tools, equipment, rooms, tables, countertops, and facilities for maintaining
3459 employee health and safety that are subject to those criteria and procedures.
3460

3461 (Source: Amended at 50 Ill. Reg. , effective
3462)
3463

Section 211.3710 Metal Furniture

3464
3465
3466 "Metal furniture" means a piece of furniture, including tables, chairs, waste baskets, beds, desks,
3467 lockers, benches, shelving, file cabinets, lamps, and room dividers, made in whole or in part of
3468 metal.
3469

3470 (Source: Amended at 50 Ill. Reg. , effective
3471)
3472

Section 211.3730 Metal Furniture Coating

3473
3474
3475 "Metal furniture coating" means any protective, decorative, or functional coating applied onto the
3476 surface of any metal furniture or any metal part which will be assembled with other metal, wood,
3477 fabric, plastic, or glass parts to form metal furniture. This definition does not include adhesives.
3478

3479 (Source: Amended at 50 Ill. Reg. , effective
3480)
3481

Section 211.3750 Metal Furniture Coating Line

3482
3483
3484 "Metal furniture coating line" means a coating line in which any protective, decorative, or
3485 functional coating is applied onto the surface of any metal furniture or any metal part which will
3486 be assembled with other metal, wood, fabric, or glass parts to form metal furniture. Applying an

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3487 adhesive is not a metal furniture coating line or part of a metal furniture coating line.

3488

3489 (Source: Amended at 50 Ill. Reg. _____, effective
3490 _____)

3491

Section 211.3755 Metalized Epoxy Coating

3492

3493 "Metalized epoxy coating" means an epoxy coating that contains relatively large quantities of
3494 metallic pigmentation for appearance, added protection, or both.

3495

3496 (Source: Amended at 50 Ill. Reg. _____, effective
3497 _____)

3498

Section 211.3760 Metallic Coating

3500

3501 "Metallic coating" means, for 35 Ill. Adm. Code 218 and 219, a coating that contains more than 5
3502 g of pure elemental metal, or a combination of elemental metals, per liter of coating as applied.

3503

3504 (Source: Amended at 50 Ill. Reg. _____, effective
3505 _____)

3506

Section 211.3770 Metallic Shoe-Type Seal

3507

3508 "Metallic shoe-type seal" means a primary or secondary seal constructed of metal sheets (shoes)
3509 joined together to form a ring, springs or levers which attach the shoes to the floating roof and
3510 hold the shoes against the tank wall, and a coated membrane suspended from the shoes to the
3511 floating roof.

3512

3513 (Source: Amended at 50 Ill. Reg. _____, effective
3514 _____)

3515

Section 211.3775 Metal to Urethane/Rubber Molding or Casting Adhesive

3518

3519 "Metal to urethane/rubber molding or casting adhesive" means, for 35 Ill. Adm. Code 218 and
3520 219, any adhesive intended by the manufacturer to bond metal to high density or elastomeric
3521 urethane or molded rubber materials in heater molding or casting processes to fabricate products
3522 such as rollers for computer printers or other paper handling equipment.

3523

3524 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3525

Section 211.3780 Mid-Kiln Firing

3526

3527

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3528
3529 "Mid-kiln firing" means, for 35 Ill. Adm. Code 217.Subpart T, a secondary firing in a kiln system
3530 by injecting fuel at an intermediate point in the kiln system using a specially designed fuel
3531 injection mechanism to decrease NO_x emissions through burning part of the fuel at a lower
3532 temperature, and reducing conditions at the fuel injection point that may destroy some of the
3533 NO_x formed upstream in the kiln system.

3534
3535 (Source: Amended at 50 Ill. Reg. , effective
3536)
3537

3538 **Section 211.3785 Military Specification Coating**

3539
3540 "Military specification coating" means, for 35 Ill. Adm. Code 218 and 219, a coating that has a
3541 formulation approved by a United States military agency for use on military equipment.

3542
3543 (Source: Amended at 50 Ill. Reg. , effective
3544)
3545

3546 **Section 211.3790 Miscellaneous Fabricated Product Manufacturing Process**

3547
3548 "Miscellaneous fabricated product manufacturing process" means a manufacturing process
3549 involving one or more of the following applications, including any drying and curing of
3550 formulations, and capable of emitting VOM:

- 3551
- 3552 a) Adhesives to fabricate or assemble parts or products;
 - 3553
 - 3554 b) Asphalt solutions to paper or fiberboard;
 - 3555
 - 3556 c) Asphalt to paper or felt;
 - 3557
 - 3558 d) Coatings or dye to leather;
 - 3559
 - 3560 e) Coatings to plastic, rubber, or glass;
 - 3561
 - 3562 f) Disinfectant material to manufactured items;
 - 3563
 - 3564 g) Plastic foam scrap or "fluff" from the manufacture of foam containers and
3565 packaging material to form resin pellets;
 - 3566
 - 3567 h) Resin solutions to fiber substances;
 - 3568

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3569 i) Rubber solutions to molds; or

3570

3571 j) Viscose solutions for food casings.

3572

3573 This definition includes storing and handling formulations and using and handling organic
3574 liquids and other substances for clean-up operations associated with a process described in this
3575 definition.

3576

(Source: Amended at 50 Ill. Reg. , effective
)

3577

3578

3579

Section 211.3810 Miscellaneous Formulation Manufacturing Process

3580

3581

"Miscellaneous formulation manufacturing process" means a manufacturing process which
3583 compounds one or more of the following and is capable of emitting VOM:

3584

a) Adhesives;

3585

3586

b) Asphalt solutions;

3587

3588

c) Caulks, sealants, or waterproofing agents;

3589

3590

d) Coatings other than paint and ink;

3591

3592

e) Concrete-curing compounds;

3593

3594

f) Dyes;

3595

3596

g) Friction materials and compounds;

3597

3598

h) Resin solutions;

3599

3600

i) Rubber solutions; or

3601

3602

j) Viscose solutions.

3603

3604

3605 This definition includes storing and handling formulations and using and handling organic
3606 liquids and other substances for clean-up operations associated with a process described in this
3607 definition.

3608

(Source: Amended at 50 Ill. Reg. , effective

3609

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3610 _____)
3611

Section 211.3820 Miscellaneous Industrial Adhesive Application Operation

3612
3613
3614 "Miscellaneous industrial adhesive application operation" means, for Subparts JJ of 35 Ill. Adm.
3615 Code 218 and 219, a regularly occurring industrial process consisting of one or more adhesive
3616 applicators and any associated drying area, oven, or both in which an adhesive is applied, dried,
3617 or cured or any combination of these.

3618
3619 (Source: Amended at 50 Ill. Reg. _____, effective
3620 _____)
3621

Section 211.3830 Miscellaneous Metal Parts and Products

3622
3623
3624 "Miscellaneous metal parts and products" means, for 35 Ill. Adm. Code 215. Subpart F, farm
3625 machinery, garden machinery, small appliances, commercial machinery, industrial machinery,
3626 fabricated metal products, and any other industrial category in which metal parts or products
3627 under the Standard Industrial Classification Code for Major Groups 33, 34, 35, 36, 37, 38, or 39
3628 are coated, except the following: coating lines subject to 35 Ill. Adm. Code 215.204(a) through
3629 (i) and (k); architectural coatings; automobile or light-duty truck refinishing; the exterior of
3630 marine vessels; and the customized top coating of automobiles and trucks if production is less
3631 than 35 vehicles per day.

3632
3633 (Source: Amended at 50 Ill. Reg. _____, effective
3634 _____)
3635

Section 211.3850 Miscellaneous Metal Parts and Products Coating

3636
3637
3638 "Miscellaneous metal parts and products coating" means, for 35 Ill. Adm. Code 218 and 219, any
3639 protective, decorative, or functional coating applied onto the surface of any metal part or metal
3640 product, even if attached to or combined with a nonmetal part or product.

- 3641
- 3642 a) This definition includes underbody anti-chip (e.g., underbody plastisol)
3643 automobile and light-duty truck coatings.
 - 3644
 - 3645 b) This definition does not include the following coatings, which are subject to
3646 separate regulations: can coatings; coil coatings; metal furniture coatings; large
3647 appliance coatings; magnet wire coatings; prime coat, primer surfacer coat,
3648 topcoat, and final repair coat for automobile and light-duty trucks; and aerospace
3649 coatings subject to 35 Ill. Adm. Code 219.204(r).
 - 3650

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3651 c) This definition does not include the following coatings: architectural coatings;
3652 automobile or light-duty truck refinishing coatings; coatings applied to the
3653 exterior of marine vessels; coatings applied to the exterior of airplanes;
3654 customized topcoat for automobiles and trucks if production is less than 35
3655 vehicles per day; and high temperature aluminum coating applied to
3656 diesel-electric locomotives in Cook County.
3657

3658 d) For Subparts F of 35 Ill. Adm. Code Parts 218 and 219, the definition does not
3659 include decorative, protective, or functional materials that consist only of
3660 protective oils for metal, acids, bases, or any combination of these substances.
3661 For this purpose, "protective oil" means an organic material that is applied to
3662 metal for providing lubrication or protection from corrosion without forming a
3663 solid film, and includes lubricating oils, evaporative oils (including those that
3664 evaporate completely), and extrusion oils. Protective oils used on miscellaneous
3665 metal parts and products include magnet wire lubricants and soft temporary
3666 protective coatings that are removed before installation or further assembly of a
3667 part or component.
3668

3669 (Source: Amended at 50 Ill. Reg. _____, effective
3670 _____)
3671

Section 211.3870 Miscellaneous Metal Parts or Products Coating Line

3672 "Miscellaneous metal parts or products coating line" means, for 35 Ill. Adm. Code 218 and 219,
3673 a coating line in which any protective, decorative, or functional coating is applied onto the
3674 surface of any metal part or metal product, even if attached to or combined with a nonmetal part
3675 or product.
3676
3677
3678

3679 a) This definition includes underbody anti-chip (e.g., underbody plastisol)
3680 automobile and light-duty truck coatings.
3681

3682 b) This definition does not include the following coatings, which are subject to
3683 separate regulations: can coatings; coil coatings; metal furniture coatings; large
3684 appliance coatings; magnet wire coatings; prime coat, primer surfacer coat,
3685 topcoat, and final repair coat for automobile and light-duty trucks; and aerospace
3686 coatings subject to 35 Ill. Adm. Code 219.204(r).
3687

3688 c) This definition does not include the following coatings: architectural coatings;
3689 automobile or light-duty truck refinishing coatings; coatings applied to the
3690 exterior of marine vessels; coatings applied to the exterior of airplanes;
3691 customized topcoat for automobiles and trucks if production is less than 35

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3692 vehicles per day; and high temperature aluminum coating applied to
3693 diesel-electric locomotives in Cook County.
3694

3695 (Source: Amended at 50 Ill. Reg. , effective
3696)
3697

3698 **Section 211.3890 Miscellaneous Organic Chemical Manufacturing Process**
3699

3700 "Miscellaneous organic chemical manufacturing process" means a manufacturing process which
3701 produces by chemical reaction one ~~o~~for more of the following organic compounds or mixtures of
3702 organic compounds and is capable of emitting VOM:
3703

- 3704 a) Chemicals listed in Appendix A of 35 Ill. Adm. Code 215, 218, or 219, as
3705 applicable;
- 3706
- 3707 b) Chlorinated and sulfonated compounds;
3708
- 3709 c) Cosmetic, detergent, soap, or surfactant intermediaries or specialties and
3710 products;
3711
- 3712 d) Disinfectants;
3713
- 3714 e) Food additives;
3715
- 3716 f) Oil and petroleum product additives;
3717
- 3718 g) Plasticizers;
3719
- 3720 h) Resins or polymers;
3721
- 3722 i) Rubber additives;
3723
- 3724 j) Sweeteners; or
3725
- 3726 k) Varnishes.
3727

3728 This definition includes storing and handling formulations and using and handling organic
3729 liquids and other substances for clean-up operations associated with a process described in this
3730 definition.
3731

3732 (Source: Amended at 50 Ill. Reg. , effective

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3733 _____)

3734

3735 **Section 211.3915 Mobile Equipment**

3736

3737 "Mobile equipment" means any equipment which may be drawn or is capable of being driven on
3738 a roadway, other than motor vehicles, including truck or automobile trailers, farm machinery,
3739 construction equipment, street cleaners, and golf carts.

3740

3741 (Source: Amended at 50 Ill. Reg. _____, effective
3742 _____)

3743

3744 **Section 211.3925 Mold Seal Coating**

3745

3746 "Mold seal coating" means, for 35 Ill. Adm. Code 218 and 219, the initial coating applied to a
3747 new mold or a repaired mold to provide a smooth surface that, when coated with a mold release
3748 coating, prevents products from sticking to the mold.

3749

3750 (Source: Amended at 50 Ill. Reg. _____, effective
3751 _____)

3752

3753 **Section 211.3961 Motor Vehicle Adhesive**

3754

3755 "Motor vehicle adhesive" means, for 35 Ill. Adm. Code 218 and 219, an adhesive, including
3756 glass bonding adhesive, used at a facility that is not an automobile or light-duty truck assembly
3757 coating facility, applied to bond two vehicle surfaces together without regard to the substrates
3758 involved.

3759

3760 (Source: Amended at 50 Ill. Reg. _____, effective
3761 _____)

3762

3763 **Section 211.3965 Motor Vehicle Refinishing**

3764

3765 "Motor vehicle refinishing" means any application of coatings to motor vehicles, mobile
3766 equipment, or their parts and components after the original coating application at an original
3767 equipment manufacturing plant.

3768

3769 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3770

3771 **Section 211.3966 Motor Vehicle Weatherstrip Adhesive**

3772

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3773 "Motor vehicle weatherstrip adhesive" means, for 35 Ill. Adm. Code 218 and 219, an adhesive,
3774 used at a facility that is not an automobile or light-duty truck assembly coating facility, applied to
3775 weatherstripping materials to bond the weatherstrip material to the surface of the vehicle.
3776

3777 (Source: Amended at 50 Ill. Reg. , effective
3778)
3779

3780 **Section 211.3967 Mouth Waterproofing Sealant**
3781

3782 "Mouth waterproofing sealant" means a coating applied in the manufacture of ammunition to
3783 provide a waterproof barrier between a shellcase mouth and bullet.
3784

3785 (Source: Amended at 50 Ill. Reg. , effective
3786)
3787

3788 **Section 211.3968 Multi-Colored Coating**
3789

3790 "Multi-colored coating" means, for 35 Ill. Adm. Code 218 and 219, a coating that exhibits more
3791 than one color when applied, and which is packaged in a single container and applied in a single
3792 coat.
3793

3794 (Source: Amended at 50 Ill. Reg. , effective
3795)
3796

3797 **Section 211.3969 Multi-Component Coating**
3798

3799 "Multi-component coating" means, for 35 Ill. Adm. Code 218 and 219, a coating requiring the
3800 addition of a separate reactive resin, commonly known as a catalyst or hardener, before
3801 application to form an acceptable dry film.
3802

3803 (Source: Amended at 50 Ill. Reg. , effective
3804)
3805

3806 **Section 211.3970 Multiple Package Coating**
3807

3808 "Multiple package coating" means a coating made from more than one different ingredient which
3809 must be mixed before using and has a limited pot life due to the chemical reaction which occurs
3810 upon mixing.
3811

3812 (Source: Amended at 50 Ill. Reg. , effective)
3813

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3814 **Section 211.3975 Multipurpose Construction Adhesive**

3815
3816 "Multipurpose construction adhesive" means, for 35 Ill. Adm. Code 218 and 219, any adhesive
3817 used to install or repair various construction materials, including drywall, subfloor, panel,
3818 fiberglass reinforced plastic (FRP), ceiling tile, and acoustical tile.

3819
3820 (Source: Amended at 50 Ill. Reg. , effective
3821)

3822
3823 **Section 211.3980 Nameplate Capacity**

3824
3825 "Nameplate capacity" means the maximum electrical generating output (in MWe) that a
3826 generator can sustain over a specified period of time when not restricted by seasonal or other
3827 deratings, as measured in compliance with United States Department of Energy standards.

3828
3829 (Source: Amended at 50 Ill. Reg. , effective
3830)

3831
3832 **Section 211.3985 Natural Finish Hardwood Plywood Panel**

3833
3834 "Natural finish hardwood plywood panel" means a panel whose original grain pattern is
3835 enhanced by essentially transparent finishes frequently supplemented by filters and toners.

3836
3837 (Source: Amended at 50 Ill. Reg. , effective
3838)

3839
3840 **Section 211.4030 No Detectable Volatile Organic Material Emissions**

3841
3842 "No detectable volatile organic material emissions" means a discharge of VOM into the
3843 atmosphere indicated by an instrument reading of less than 500 ppm above background, as
3844 determined in compliance with 40 CFR 60.485(c), incorporated by reference in 35 Ill. Adm.
3845 Code 215.105, 218.112, and 219.112.

3846
3847 (Source: Amended at 50 Ill. Reg. , effective
3848)

3849
3850 **Section 211.4050 Non-Contact Process Water Cooling Tower**

3851
3852 "Non-contact process water cooling tower" means a tower-like device in which water is cooled
3853 by contact with atmospheric air and evaporation, where the water has been or will be used for
3854 cooling a process stream where VOM is present without intentional direct contact of the cooling

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3855 water and process stream.

3856

3857 (Source: Amended at 50 Ill. Reg. , effective
3858)

3859

3860 **Section 211.4052 Non-Convertible Coating**

3861

3862 "Non-convertible coating" means, for Section 211.1877, a coating that dries by solvent
3863 evaporation with no change in the chemical nature of the binder. The coating remains soluble in
3864 the original solvent after drying.

3865

3866 (Source: Amended at 50 Ill. Reg. , effective
3867)

3868

3869 **Section 211.4066 Nonstructural Adhesive for Aerospace Applications**

3870

3871 "Nonstructural adhesive for aerospace applications" means an adhesive that bonds
3872 non-loadbearing aerospace components in noncritical applications and is not included in any
3873 other specialty adhesive categories in 35 Ill. Adm. Code 219.204(r)(2).

3874

3875 (Source: Amended at 50 Ill. Reg. , effective
3876)

3877

3878 **Section 211.4067 NO_x Trading Program**

3879

3880 "NO_x Trading Program" means, for 35 Ill. Adm. Code 217.Subpart U and W, the requirements of
3881 35 Ill. Adm. Code 217.Subpart U and W and the provisions of the federal NO_x Trading Program,
3882 40 CFR 96, incorporated by reference at 35 Ill. Adm. Code 217.104.

3883

3884 (Source: Amended at 50 Ill. Reg. , effective
3885)

3886

3887 **Section 211.4070 Offset**

3888

3889 "Offset" means, for printing, use of a blanket cylinder to transfer ink from the plate cylinder to
3890 the surface to be printed.

3891

3892 (Source: Amended at 50 Ill. Reg. , effective
3893)

3894

3895 **Section 211.4080 One-Component Coating**

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"One-component coating" means, for 35 Ill. Adm. Code 218 and 219, a coating that is ready for application as it comes out of its container to form an acceptable dry film. A thinner added to a coating to reduce the viscosity is not considered a component and does not affect the coating's classification as a one-component coating or multi-component coating.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.4090 One Hundred Percent Acid

"One hundred percent acid" means, for sulfuric and nitric acids, acid with a specific gravity of 1.8205 at 30 °C for sulfuric acid and 1.4952 at 30 °C for nitric acid.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.4110 One-Turn Storage Space

"One-turn storage space" means space used to store grain with a total annual through-put not exceeding the total bushel storage of that space.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.4130 Opacity

"Opacity" means the fraction of light expressed in percent which, when transmitted from a source through a smoke-obscured path, is prevented from reaching the observer or instrument receiver.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.4210 Operator of a Gasoline Dispensing Operation or Operator of a Gasoline Dispensing Facility

"Operator of gasoline dispensing operation" or "Operator of a gasoline dispensing facility" means any person who is the lessee of or operates, controls, or supervises a gasoline dispensing operation or a gasoline dispensing facility.

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3937 (Source: Amended at 50 Ill. Reg. , effective
3938)
3939

Section 211.4220 Optical Coating

3940
3941
3942 "Optical coating" means, for 35 Ill. Adm. Code 218 and 219, a coating applied to an optical lens.
3943

3944 (Source: Amended at 50 Ill. Reg. , effective
3945)
3946

Section 211.4250 Organic Material and Organic Materials

3947
3948
3949 a) "Organic materials" means, for Section 9.4 of the Act, any chemical compound of
3950 carbon, including diluents and thinners which are liquids at standard conditions
3951 and which are used as solvers, viscosity reducers, or cleaning agents, including
3952 polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans, and
3953 polynuclear aromatic hydrocarbons, but excluding methane, carbon monoxide,
3954 carbon dioxide, carbonic acid, metallic carbonic acid, metallic carbide, metallic
3955 carbonates, and ammonium carbonate.
3956

3957 b) "Organic material" means, for 35 Ill. Adm. Code 201, 211, 215, 218, and 219, any
3958 chemical compound of carbon, including diluents and thinners which are liquids
3959 at standard conditions and which are used as solvers, viscosity reducers, or
3960 cleaning agents, but excluding methane, acetone, carbon monoxide, carbon
3961 dioxide, carbonic acid, metallic carbonic acid, metallic carbide, metallic
3962 carbonates, and ammonium carbonate.
3963

3964 (Source: Amended at 50 Ill. Reg. , effective
3965)
3966

Section 211.4260 Organic Solvent

3967
3968
3969 "Organic solvent" means a solvent that consists of organic mineral spirits, methyl ethyl ketone,
3970 ethanol, ether, toluene, or other organic materials other than soap, detergent, surfactants,
3971 lubricating oil, wax, vegetable oil, grease, glycerin, or animal fat. For 35 Ill. Adm. Code
3972 201.Subpart F, a solvent which is a mixture is an organic solvent if it contains more than 5% by
3973 volume of organic materials.
3974

3975 (Source: Amended at 50 Ill. Reg. , effective
3976)
3977

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3978 **Section 211.4280 Other Glass**

3979

3980 "Other glass" means, for 35 Ill. Adm. Code 217, glass that is neither container glass, as defined
3981 in Section 211.1435, nor flat glass, as defined in Section 211.2357.

3982

3983 (Source: Amended at 50 Ill. Reg. , effective
3984)

3985

3986 **Section 211.4285 Outdoor Floor Covering Installation Adhesive**

3987

3988 "Outdoor floor covering installation adhesive" means, for 35 Ill. Adm. Code 218 and 219, any
3989 adhesive intended by the manufacturer for installing floor covering that is not in an enclosure
3990 and that is exposed to ambient weather conditions during normal use.

3991

3992 (Source: Amended at 50 Ill. Reg. , effective)

3993

3994 **Section 211.4290 Oven**

3995

3996 "Oven" means, for a coating line or printing line, a chamber within which heat is used to dry,
3997 bake, cure, or polymerize a coating or ink, or any combination of these uses.

3998

3999 (Source: Amended at 50 Ill. Reg. , effective
4000)

4001

4002 **Section 211.4370 Owner or Operator**

4003

4004 "Owner or operator" means any person who owns, operates, leases, controls, or supervises a
4005 source, an emission unit, or air pollution control equipment.

4006

4007 (Source: Amended at 50 Ill. Reg. , effective
4008)

4009

4010 **Section 211.4390 Packaging Rotogravure Printing**

4011

4012 "Packaging rotogravure printing" means rotogravure printing upon paper, paper board, metal foil,
4013 plastic film, and other substrates which are, in subsequent operations, formed into packaging
4014 products or labels for articles to be sold.

4015

4016 (Source: Amended at 50 Ill. Reg. , effective)

4017

4018 **Section 211.4430 Pail**

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4019
4020 "Pail" means any cylindrical shipping container of 1- to 12-gallon capacity and constructed of
4021 29-gauge and heavier material.
4022

(Source: Amended at 50 Ill. Reg. , effective
4024)
4025

4026 **Section 211.4455 Pan-Backing Coating**
4027

4028 "Pan-backing coating" means, for 35 Ill. Adm. Code 218 and 219, a coating applied to the
4029 surface of pots, pans, or other cooking implements that are exposed directly to a flame or other
4030 heating elements.
4031

(Source: Amended at 50 Ill. Reg. , effective
4033)
4034

4035 **Section 211.4470 Paper Coating**
4036

4037 "Paper coating" means any protective, decorative, or functional coating applied on paper, plastic
4038 film, or metallic foil to make certain products, including adhesive tapes and labels, book covers,
4039 post cards, office copier paper, drafting paper, and pressure sensitive tapes. For 35 Ill. Adm.
4040 Code 218 and 219, paper coating includes coatings applied by impregnation or saturation.
4041

(Source: Amended at 50 Ill. Reg. , effective
4043)
4044

4045 **Section 211.4490 Paper Coating Line**
4046

4047 "Paper coating line" means a coating line in which any protective, decorative, or functional
4048 coating is applied on, saturated into, or impregnated into paper, plastic film, or metallic foil to
4049 make certain products, including adhesive tapes and labels, book covers, post cards, office copier
4050 paper, drafting paper, and pressure sensitive tapes. For 35 Ill. Adm. Code 218 and 219, a paper
4051 coating line includes impregnation or saturation.
4052

(Source: Amended at 50 Ill. Reg. , effective
4054)
4055

4056 **Section 211.4530 Parts Per Million (Volume) or PPM (Vol)**
4057

4058 "Parts per million (volume)" or "PPM (vol)" means a volume/volume ratio which expresses the
4059 volumetric concentration of gaseous air contaminant in a million-unit volume of gas.

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(Source: Amended at 50 Ill. Reg. , effective
)

Section 211.4535 Part Marking Aerospace Coating

"Part marking aerospace coating" means coatings or inks used to make identifying markings on aerospace materials, components, or assemblies. These markings may be permanent or temporary.

(Source: Amended at 50 Ill. Reg. , effective
)

Section 211.4540 Perimeter Bonded Sheet Flooring

"Perimeter bonded sheet flooring" means, for 35 Ill. Adm. Code 218 and 219, sheet flooring with vinyl backing installed onto a nonporous substrate using an adhesive designed to be applied only to a strip of up to four inches wide around the perimeter of the sheet flooring.

(Source: Amended at 50 Ill. Reg. , effective
)

Section 211.4550 Person

"Person" means:

- a) Any individual, corporation, partnership, firm, association, trust, estate, public or private institution, group, state, municipality, political subdivision of a state;
- b) Any agency, department, or instrumentality of the United States; and
- c) Any officer, agent, or employee of any of the above.

(Source: Amended at 50 Ill. Reg. , effective
)

Section 211.4610 Petroleum Liquid

"Petroleum liquid" means:

- a) Crude oil, condensate, or any finished or intermediate product manufactured at a

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- 4101 petroleum refinery, but not including acetone;
- 4102
- 4103 b) Number 2 through Number 6 fuel oils under ASTM D396-24,
- 4104 incorporated by reference in 35 Ill. Adm. Code 218.112 and 219.112;
- 4105
- 4106 c) Gas turbine fuel oils Numbers 2-GT through 4-GT under ASTM
- 4107 D2880-23, incorporated by reference in 35 Ill. Adm. Code 218.112 and 219.112; or
- 4108
- 4109 d) Diesel fuel oils Numbers 2-D and 4-D under ASTM D ~~975-~~
- 4110 975-24~~24~~, incorporated by reference in 35 Ill. Adm. Code 218.112 and 219.112.
- 4111

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.4650 Pharmaceutical

"Pharmaceutical" means any compound or mixture, other than food, used to prevent, diagnose, alleviate, treat, or cure disease in humans and animals.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.4670 Pharmaceutical Coating Operation

"Pharmaceutical coating operation" means an operation in which a coating is applied to a pharmaceutical, including air drying or curing the coating.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.4690 Photochemically Reactive Material

"Photochemically reactive material" means any organic material containing the chemical compounds below at more than 20% aggregate of its total volume, or containing an amount of a compound that exceeds the individual percentage limitation.

- 4136 a) A combination of hydrocarbons, alcohols, aldehydes, esters, ethers, or ketones
- 4137 having an olefinic or cyclo-olefinic types of unsaturation: 5%. This definition does not
- 4138 apply to perchloroethylene or trichloroethylene.
- 4139
- 4140 b) A combination of aromatic compounds with eight or more carbon atoms to the
- 4141 molecule, excluding ethylbenzene: 8%.

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4142
4143 c) A combination of ethylbenzene, ketones having branched hydrocarbon structures,
4144 or toluene: 20%.

4145
4146 ~~Whenever any photochemically reactive material or any constituent of any organic material may~~
4147 ~~be classified from its chemical structure into more than one category of compounds defined as~~
4148 ~~"organic material" or "organic materials" at Section 211.4250, it will be considered a member of~~
4149 ~~the group with the least allowable percent of total organic materials.~~

4150 (Source: Amended at 50 Ill. Reg. _____, effective
4151 _____)

4152
4153 **Section 211.4720 Pipeline Natural Gas**

4154
4155 "Pipeline natural gas" means a naturally occurring fluid mixture of hydrocarbons (e.g., methane,
4156 ethane, or propane) produced in geological formations beneath the Earth's surface that maintains
4157 a gaseous state at standard atmospheric temperature and pressure under ordinary conditions, and
4158 that is provided by a supplier through a pipeline. Pipeline natural gas contains 0.5 grains or less
4159 of total sulfur per 100 scf. Additionally, pipeline natural gas must either be composed of at least
4160 70 percent methane by volume or have a gross calorific value between 950 and 1100 btu per scf.

4161
4162 (Source: Amended at 50 Ill. Reg. _____, effective
4163 _____)

4164
4165 **Section 211.4730 Plant**

4166
4167 "Plant" means, other than for 35 Ill. Adm. Code 215, 218, and 219, all the pollutant-emitting
4168 activities which belong to the same industrial grouping, are located on one or more contiguous or
4169 adjacent properties, and are under the control of the same person or persons under common
4170 control, except the activities of any marine vessel. Pollutant-emitting activities ~~are part~~ are part of
4171 the same industrial grouping if they belong to the same major group, i.e., have the same two-digit
4172 code, in the "Standard Industrial Classification Manual," 1987, incorporated by reference in 35
4173 Ill. Adm. Code 218.112 and 219.112.

4174
4175 (Source: Amended at 50 Ill. Reg. _____, effective
4176 _____)

4177
4178 **Section 211.4735 Plastic**

4179
4180 "Plastic" means, for Subparts JJ of 35 Ill. Adm. Code 218 and 219, a synthetic material
4181 chemically formed by the polymerization of organic (carbon-based) substances. Plastics are

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4182 usually compounded with modifiers, extenders, reinforcers , or any combination of them and are
4183 capable of being molded, extruded, cast into various shapes and films, or drawn into filaments.
4184

4185 (Source: Amended at 50 Ill. Reg. , effective
4186)
4187

Section 211.4740 Plastic Part

4188 "Plastic part" means a product or piece of a product made from a substance that has been formed
4189 from resin through applying pressure, heat, or both.
4190

4191 (Source: Amended at 50 Ill. Reg. , effective)
4192

Section 211.4760 Plastic Solvent Welding Adhesive

4193 "Plastic solvent welding adhesive" means, for 35 Ill. Adm. Code 218 and 219, any adhesive used
4194 to dissolve the surface of plastic to form a bond between mating surfaces.
4195

4196 (Source: Amended at 50 Ill. Reg. , effective
4197)
4198

Section 211.4765 Plastic Solvent Welding Adhesive Primer

4199 "Plastic solvent welding adhesive primer" means, for 35 Ill. Adm. Code 218 and 219, any primer
4200 used to prepare plastic substrates before bonding or welding.
4201

4202 (Source: Amended at 50 Ill. Reg. , effective
4203)
4204

Section 211.4768 Pleasure Craft

4205 "Pleasure craft" means, for 35 Ill. Adm. Code 218 and 219, a vessel manufactured or operated
4206 primarily for recreational purposes, or leased, rented, or chartered to a person or business for
4207 recreational purposes.
4208

4209 (Source: Amended at 50 Ill. Reg. , effective
4210)
4211

Section 211.4769 Pleasure Craft Surface Coating

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4222 "Pleasure craft surface coating" means, for 35 Ill. Adm. Code 218 and 219, any coating, except
4223 unsaturated polyester resin (fiberglass) coatings, containing VOM and applied by brush, spray,
4224 roller, or other means to a pleasure craft.
4225

4226 (Source: Amended at 50 Ill. Reg. , effective
4227)
4228

4229 **Section 211.4770 PM₁₀**
4230

4231 "PM₁₀" means particulate matter with an aerodynamic diameter less than or equal to a nominal
4232 10 micrometers, as measured by the applicable test methods specified by rule. Ambient air
4233 concentrations for PM₁₀ are usually expressed in micrograms per cubic meter (µg/m³).
4234

4235 (Source: Amended at 50 Ill. Reg. , effective
4236)
4237

4238 **Section 211.4790 Pneumatic Rubber Tire Manufacture**
4239

4240 "Pneumatic rubber tire manufacture" means the production of pneumatic rubber tires with a bead
4241 diameter under 20.0 inches and cross section dimension up to 12.8 inches, but not including
4242 specialty tires for antique or other vehicles when produced on equipment separate from normal
4243 production lines for passenger or truck type tires.
4244

4245 (Source: Amended at 50 Ill. Reg. , effective
4246)
4247

4248 **Section 211.4810 Polybasic Organic Acid Partial Oxidation Manufacturing Process**
4249

4250 "Polybasic organic acid partial oxidation manufacturing process" means any process involving
4251 partial oxidation of hydrocarbons with air to manufacture polybasic acids or their anhydrides,
4252 such as maleic anhydride, phthalic anhydride, terephthalic acid, isophthalic acid, or trimellitic
4253 anhydride.
4254

4255 (Source: Amended at 50 Ill. Reg. , effective
4256)
4257

4258 **Section 211.4830 Polyester Resin Material(s)**
4259

4260 "Polyester resin material(s)" means gel coat and unsaturated polyester resin, such as isophthalic,
4261 orthophthalic, halogenated, bisphenol A, vinyl ester, or furan resins; cross-linking agents;
4262 catalysts; inhibitors; accelerators; promoters; and any other material containing VOM used in

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4263 polyester resin operations, including:

4264

4265 a) Corrosion-resistant and fire-retardant polyester resin materials used to make
4266 products for corrosive and fire-retardant applications;

4267

4268 b) High-strength polyester resin materials with a tensile strength of 10,000 psi or
4269 more; and

4270

4271 c) Gel coat.

4272

4273 (Source: Amended at 50 Ill. Reg. , effective
4274)

4275

4276 **Section 211.4850 Polyester Resin Products Manufacturing Process**

4277

4278 "Polyester resin products manufacturing process" means a manufacturing process that fabricates
4279 or reworks products for commercial, military, or industrial use by mixing, pouring, hand
4280 laying-up, impregnating, injecting, pultruding, forming, winding, spraying, curing, or any
4281 combination of these methods by using unsaturated polyester resin materials with fiberglass,
4282 filters, or any other reinforcement materials.

4283

4284 (Source: Amended at 50 Ill. Reg. , effective
4285)

4286

4287 **Section 211.4895 Polyvinyl Chloride Plastic (PVC Plastic)**

4288

4289 "Polyvinyl chloride plastic" or "PVC plastic" means, for 35 Ill. Adm. Code 218 and 219, a
4290 polymer of the chlorinated vinyl monomer that contains 57% or more chlorine.

4291

4292 (Source: Amended at 50 Ill. Reg. , effective
4293)

4294

4295 **Section 211.4900 Porous Material**

4296

4297 "Porous material" means, for 35 Ill. Adm. Code 218 and 219, a substance that has tiny openings,
4298 often microscopic, in which fluids may be absorbed or discharged, including paper and
4299 corrugated paperboard. Porous material does not include wood.

4300

4301 (Source: Amended at 50 Ill. Reg. , effective
4302)

4303

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4304 **Section 211.4910 Portable Grain-Handling Equipment**

4305
4306 "Portable grain-handling equipment" means any equipment (excluding portable grain dryers) that
4307 is designed and maintained to be movable primarily for use in a non-continuous operation for
4308 loading and unloading one-turn storage space and is not physically connected to the grain
4309 elevator, if the manufacturer's rated capacity of the equipment does not exceed 10,000 bushels
4310 per hour.

4311
4312 (Source: Amended at 50 Ill. Reg. , effective
4313)
4314

4315 **Section 211.4930 Portland Cement Manufacturing Process Emission Source**

4316
4317 "Portland cement manufacturing process emission source" means any items of process
4318 equipment or manufacturing processes used in or associated with the production of portland
4319 cement, including a kiln, clinker cooler, raw mill system, finish mill system, raw material dryer,
4320 material storage bin or system, material conveyor belt or other transfer system, material conveyor
4321 belt transfer point, bagging operation, bulk unloading station, or bulk loading station.

4322
4323 (Source: Amended at 50 Ill. Reg. , effective
4324)
4325

4326 **Section 211.4960 Potential Electrical Output Capacity**

4327
4328 "Potential electrical output capacity" means the MWe capacity rating for the units which must be
4329 equal to 33% of the maximum design heat input capacity of the steam generating unit.

4330
4331 (Source: Amended at 50 Ill. Reg. , effective
4332)
4333

4334 **Section 211.4970 Potential to Emit (PTE)**

4335
4336 "Potential to emit (PTE)" means the maximum capacity of a stationary source to emit any air
4337 pollutant under its physical and operational design. Any physical or operational limitation on the
4338 capacity of a source to emit an air pollutant, including air pollution control equipment and
4339 restriction on hours of operation or on the type or amount of material combusted, stored, or
4340 processed, is treated as part of its design if the limitation is federally enforceable.

4341
4342 (Source: Amended at 50 Ill. Reg. , effective
4343)
4344

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4345 **Section 211.4990 Power Driven Fastener Coating**

4346
4347 "Power driven fastener coating" means the coating of nail, staple, brad, and finish nail fasteners
4348 where the fasteners are fabricated from wire or rod of 0.0254-inch diameter or greater, bonded
4349 into coils or strips containing a number of these fasteners, manufactured for use in power tools,
4350 and must conform with standards for specific uses established by federal and national
4351 organizations, including ASTM F1667/F1667M-21a and the International Building Code (IBC)
4352 (2024), both incorporated by reference in Section 211.101, and similar standards. For this
4353 definition, the terms "brad" and "finish nail" mean single leg fasteners fabricated in the same
4354 manner as staples. The application of coatings to staple, brad, and finish nail fasteners may be
4355 associated with the incremental forming of the fasteners in a cyclic or repetitious manner
4356 (incremental fabrication) or with forming strips of the fasteners as a unit from a band of wires
4357 (unit fabrication).

4358
4359 (Source: Amended at 50 Ill. Reg. , effective
4360)

4361
4362 **Section 211.5012 Prefabricated Architectural Coatings**

4363
4364 "Prefabricated architectural coatings" means, for 35 Ill. Adm. Code 218 and 219, coatings
4365 applied to metal parts and products that are to be used as an architectural structure.

4366
4367 (Source: Amended at 50 Ill. Reg. , effective
4368)

4369
4370 **Section 211.5015 Preheater Kiln**

4371
4372 "Preheater kiln" means, for 35 Ill. Adm. Code 217.Subpart T, a kiln where the feed to the kiln is
4373 preheated in cyclone chambers before the final reactions in a kiln which forms clinker.

4374
4375 (Source: Amended at 50 Ill. Reg. , effective
4376)

4377
4378 **Section 211.5020 Preheater/Precalciner Kiln**

4379
4380 "Preheater/precalciner kiln" means, for 35 Ill. Adm. Code 217. Subpart T, a kiln where the feed
4381 to the kiln is preheated in cyclone chambers and uses a second burner to calcine material in a
4382 separate vessel attached to the preheater before the final fusion in a kiln which forms clinker.

4383
4384 (Source: Amended at 50 Ill. Reg. , effective
4385)

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4386

4387 **Section 211.5061 Pretreatment Coating**

4388

4389 "Pretreatment coating" means, for 35 Ill. Adm. Code 218 and 219, a coating that contains no
4390 more than 12% solids by weight and at least 0.50% acid by weight, is used to provide surface
4391 etching, and is applied directly to metal surfaces to provide corrosion resistance, adhesion, and
4392 ease of stripping.

4393

4394 (Source: Amended at 50 Ill. Reg. , effective
4395)

4396

4397 **Section 211.5062 Pretreatment Wash Primer**

4398

4399 "Pretreatment wash primer" means:

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4401 a) For Subparts HH of 35 Ill. Adm. Code 218 and 219, the first coating applied to
4402 bare metal if solvent-borne primers will be applied. This coating contains a
4403 minimum of 0.5% acid by weight, is necessary to provide surface etching, and
4404 provides corrosion resistance and adhesion;

4405

4406 b) For Subparts F of 35 Ill. Adm. Code 218 and 219, a coating that contains no more
4407 than 12% solids by weight and at least 0.50% acids by weight, is used to provide
4408 surface etching, and is applied directly to fiberglass and metal surfaces to provide
4409 corrosion resistance and adhesion of subsequent coatings.

4410

4411 (Source: Amended at 50 Ill. Reg. , effective
4412)

4413

4414 **Section 211.5065 Primary Product**

4415

4416 "Primary product " means a product of a chemical manufacturing process unit determined
4417 according to the following procedures:

4418

4419 a) If a chemical manufacturing process unit produces more than one intended
4420 chemical product, the product with the greatest annual design capacity on a mass
4421 basis is the primary product of the process.

4422

4423 b) If a chemical manufacturing process unit has two more products that have the
4424 same maximum annual design capacity on a mass basis, and if one of those
4425 chemicals is listed in Appendix A of 35 Ill. Adm. Code 218 or 219, then the listed
4426 chemical is considered the primary product. If more than one of the products is

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4427 listed in Appendix A of 35 Ill. Adm. Code 218 or 219, then the owner or operator
4428 may designate any of the listed chemicals as the primary product.
4429

4430 c) For a chemical manufacturing process unit that is designed and operated as a
4431 flexible operation unit and is used predominantly to produce one or more of the
4432 listed chemicals in Appendix A of 35 Ill. Adm. Code 218 or 219, the primary
4433 product is determined based on the expected production for the five years after
4434 May 9, 1995, for existing sources and based on the expected production for the
4435 first five years after initial start-up for new sources.
4436

4437 1) If the flexible operation unit produces one product for the greatest annual
4438 operating time, then that product represents the primary product of the
4439 flexible operation unit.
4440

4441 2) If the flexible operation unit produces multiple chemicals equally based on
4442 operating time, then the product with the greatest annual production on a
4443 mass basis represents the primary product of the flexible operation unit.
4444

4445 (Source: Amended at 50 Ill. Reg. , effective
4446)
4447

4448 **Section 211.5075 Primer Sealant**
4449

4450 "Primer sealant" means, for 35 Ill. Adm. Code 218.204(q) and 219.204(q), a sealant applied in
4451 the manufacture of ammunition to assembled primers to maintain the primer assembly and
4452 prevent explosive priming mix from dusting during the transfer of primers.
4453

4454 (Source: Amended at 50 Ill. Reg. , effective
4455)
4456

4457 **Section 211.5090 Primer Surfacer Coat**
4458

4459 "Primer surfacer coat" means:
4460

4461 a) For 35 Ill. Adm. Code 215.204(a), 218.204(a)(1), and 219.204(a)(1), a coating
4462 used to touch up areas on the surface of automobile or light-duty truck bodies not
4463 adequately covered by the prime coat before application of the topcoat. The
4464 primer surfacer coat is applied between the prime coat and topcoat. An anti-chip
4465 coating applied to main body parts (e.g., rocker panels, bottom of doors and
4466 fenders, and leading edge of roof) is a primer surfacer coat. The primer surfacer
4467 coat is also referred to as a "guide coat."

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b) For Subparts HH of 35 Ill. Adm. Code 218 and 219, a coating applied to motor vehicles, mobile equipment, or their parts and components at motor vehicle refinishing operations that fills in surface imperfections and builds a thickness to allow sanding.

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c) For 35 Ill. Adm. Code 218.204(a)(2) and 219.204(a)(2), an intermediate protective coating applied over the electrodeposition primer and under the topcoat. Primer surfacer provides adhesion, protection, and appearance properties to the total finish. Primer surfacer may also be called guide coat or surfacer. Primer surfacer operations may include other coatings (e.g., anti-chip, lower-body anti-chip, chip-resistant edge primer, spot primer, blackout, deadener, interior color, basecoat replacement coating, etc.) that are applied in the same spray booths.

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(Source: Amended at 50 Ill. Reg. , effective)

4486

Section 211.5110 Primer Surfacer Operation

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4489

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"Primer surfacer operation" means the application areas, flashoff areas, and ovens used to apply and dry or cure primer surfacer coat on a single assembly line.

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4492

4493

(Source: Amended at 50 Ill. Reg. , effective)

4494

Section 211.5140 Printed Interior Panel

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"Printed interior panel" mean a panel whose grain or natural surface is obscured by fillers and basecoats upon which a simulated grain or decorative pattern is printed.

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4501

(Source: Amended at 50 Ill. Reg. , effective)

4502

Section 211.5170 Printing Line

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4507

"Printing line" means an operation consisting of a series of one or more roll printers and any associated roll coaters, drying areas, and ovens in which one or more coatings are applied, dried, cured, or any combination of these activities.

4508

(Source: Amended at 50 Ill. Reg. , effective)

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4509 _____)

4510

4511 **Section 211.5195 Process Heater**

4512

4513 "Process heater" means, for 35 Ill. Adm. Code 217, an enclosed combustion device that burns
4514 only gaseous or liquid fuels and that indirectly transfers heat to a process fluid or a heat transfer
4515 medium other than water. This definition does not include pipeline heaters and storage tank
4516 heaters that are primarily meant to maintain fluids at a certain temperature or viscosity.

4517

4518 (Source: Amended at 50 Ill. Reg. _____, effective

4519 _____)

4520

4521 **Section 211.5210 Process Unit**

4522

4523 "Process unit" means equipment and components assembled to produce one or more chemicals
4524 as intermediate or final products. A process unit can operate independently if supplied with
4525 sufficient feed or raw materials and sufficient storage facilities for the product. For Subparts Q
4526 of 35 Ill. Adm. Code 215, 218, and 219, a process unit must produce one or more of the
4527 chemicals listed in Appendix A of 35 Ill. Adm. Code 215, 218, or 219, as applicable.

4528

4529 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4530

4531 **Section 211.5245 Process Vent**

4532

4533 "Process vent" means, for 35 Ill. Adm. Code 218.500 through 218.506 and 219.500 through
4534 219.506, any non-fugitive source of VOM emissions to the atmosphere resulting from
4535 non-combustion emission units. A process vent begins at the inlet to the control device or, in the
4536 absence of a control device, at the point of discharge to the atmosphere. This definition includes
4537 all emission units vents and stacks. This definition does not include exhaust streams from
4538 exhaust hoods and building ventilation fans which are used to provide ventilation for workers
4539 and not to collect and discharge emissions from specific emission units.

4540

4541 (Source: Amended at 50 Ill. Reg. _____, effective

4542 _____)

4543

4544 **Section 211.5250 Process Weight Rate**

4545

4546 "Process weight rate" means the actual weight or engineering approximation of it of all
4547 materials, except liquid and gaseous fuels and combustion air, introduced into any process per
4548 hour. For a cyclical or batch operation, the process weight rate is the actual weight or
4549 engineering approximation of it divided by the number of hours of operation, excluding any time

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4550 the equipment is idle. For continuous processes, the process weight rate is the actual weight or
4551 engineering approximation of it divided by the number of hours in one complete operation,
4552 excluding any time the equipment is idle.

4553

4554 (Source: Amended at 50 Ill. Reg. _____, effective
4555 _____)
4556

4557 **Section 211.5270 Production Equipment Exhaust System**

4558

4559 "Production equipment exhaust system" means a system for collecting and directing into the
4560 atmosphere emissions of VOM from reactors, centrifuges, and other process emission units.

4561

4562 (Source: Amended at 50 Ill. Reg. _____, effective
4563 _____)
4564

4565 **Section 211.5310 Publication Rotogravure Printing Line**

4566

4567 "Publication rotogravure printing line" means a rotogravure printing line printing upon paper
4568 subsequently formed into books, magazines, catalogues, brochures, directories, newspaper
4569 supplements, or other types of non-packaging printed materials.

4570

4571 (Source: Amended at 50 Ill. Reg. _____, effective
4572 _____)
4573

4574 **Section 211.5330 Purged Process Fluid**

4575

4576 "Purged process fluid" means liquid or vapor from a process unit that contains VOM and that
4577 results from flushing or cleaning the sample lines of a process unit so that an uncontaminated
4578 sample may then be taken for testing or analysis.

4579

4580 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4581

4582 **Section 211.5335 Radiation Effect Coating**

4583

4584 "Radiation effect coating" means, for 35 Ill. Adm. Code 218.187 and 219.187, a coating or
4585 coating system engineered to interact through absorption or reflection with specific regions of
4586 the electromagnetic energy spectrum, such as the ultraviolet, visible, infrared, or microwave
4587 regions. Uses include lightning strike protection, electromagnetic pulse protection, and radar
4588 avoidance. This definition does not include coatings that have been designated "classified" by
4589 the Department of Defense.

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4591 (Source: Amended at 50 Ill. Reg. , effective
4592)
4593

Section 211.5336 Radiation-Effect or Electric Coating

4594
4595
4596 "Radiation-effect or electric coating" means a coating or coating system engineered to interact
4597 through absorption or reflection with specific regions of the electromagnetic energy spectrum,
4598 such as the ultraviolet, visible, infrared, or microwave regions. Uses include lightning strike
4599 protection, electromagnetic pulse protection, and radar avoidance. This definition does not
4600 include coatings that have been designated as "classified" by the Department of Defense.

4601
4602 (Source: Amended at 50 Ill. Reg. , effective
4603)
4604

Section 211.5338 Radome

4605
4606
4607 "Radome" means, for the definitions of "electrostatic discharge and electromagnetic
4608 interference" and "rain erosion-resistant coating", the nonmetallic protective housing for
4609 electromagnetic transmitters and receivers (e.g., radar, electronic countermeasures, etc.).

4610
4611 (Source: Amended at 50 Ill. Reg. , effective
4612)
4613

Section 211.5340 Rated Heat Input Capacity

4614
4615
4616 "Rated heat input capacity" means the ability of an emission unit to combust a maximum amount
4617 of fuel on a steady state basis, as limited by a federally enforceable permit condition or as stated
4618 by the manufacturer of the unit based on the physical design and characteristics of the unit, or, if
4619 higher than the manufacturer's stated maximum amount, as demonstrated by the actual operation
4620 of the unit.

4621
4622 (Source: Amended at 50 Ill. Reg. , effective
4623)
4624

Section 211.5370 Reasonably Available Control Technology (RACT)

4625
4626
4627 "Reasonably available control technology (RACT)" means the lowest emission limitation that an
4628 emission unit is capable of meeting by applying control technology that is reasonably available
4629 considering technological and economic feasibility.

4630
4631 (Source: Amended at 50 Ill. Reg. , effective

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4632 _____)

4633

4634 **Section 211.5390 Reclamation System**

4635

4636 "Reclamation system" means equipment which reclaims spent solvents, surplus propellants,
4637 waste materials, and other materials generated by an emission unit to produce solvent, propellant
4638 ,or other materials which may be reused in the emission unit.

4639

4640 (Source: Amended at 50 Ill. Reg. _____, effective

4641 _____)

4642

4643 **Section 211.5400 Red Coating**

4644

4645 "Red coating" means, for 35 Ill. Adm. Code 218 and 219, a coating that meets all the following
4646 criteria:

4647

4648 a) Yellow limit: the hue of hostaperm scarlet;

4649

4650 b) Blue limit: the hue of monastral red-violet;

4651

4652 c) Lightness limit for metallics: 35% aluminum flake;

4653

4654 d) Lightness limit for solids: 50% titanium dioxide white;

4655

4656 e) Solid reds: hue angle of -11 to 38° and maximum lightness of 23 to 45 units; and

4657

4658 f) Metallic reds: hue angle of -16 to 35° and maximum lightness of 28 to 45 units.

4659

4660 These criteria are based on Cielab color space, 0/45 geometry. For spherical geometry, specular
4661 included, the upper limit is 49 units.

4662

4663 (Source: Amended at 50 Ill. Reg. _____, effective

4664 _____)

4665

4666 **Section 211.5430 Refinery Fuel Gas**

4667

4668 "Refinery fuel gas" means any gas generated by a petroleum refinery process unit and combusted
4669 at the refinery, including any gaseous mixture of natural gas and fuel gas.

4670

4671 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4672

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4673 **Section 211.5450 Refinery Fuel Gas System**

4674

4675 "Refinery fuel gas system" means a system for collecting refinery fuel gas, including piping for
4676 collecting tail gas from various process units, mixing drums and controls, and distribution
4677 piping.

4678

4679 (Source: Amended at 50 Ill. Reg. , effective
4680)

4681

4682 **Section 211.5470 Refinery Unit or Refinery Process Unit**

4683

4684 "Refinery unit" or "Refinery process unit" means a set of equipment which ~~is~~ is a part of a basic
4685 process operation, such as distilling, hydrotreating, cracking, or reforming hydrocarbons.

4686

4687 (Source: Amended at 50 Ill. Reg. , effective
4688)

4689

4690 **Section 211.5490 Refrigerated Condenser**

4691

4692 "Refrigerated condenser" means a surface condenser in which the coolant supplied to the
4693 condenser has been cooled by a mechanical device other than a cooling tower or evaporative
4694 spray cooling, such as a refrigeration unit or steam chiller unit.

4695

4696 (Source: Amended at 50 Ill. Reg. , effective)

4697

4698 **Section 211.5500 Regulated Air Pollutant**

4699

4700 a) "Regulated air pollutant" means the following:

4701

4702 1) NO_x or any VOC.

4703

4704 2) Any pollutant for which a national ambient air quality standard has been
4705 promulgated.

4706

4707 3) Any pollutant that is subject to any standard promulgated under Section
4708 111 of the Clean Air Act.

4709

4710 4) Any Class I or II substance subject to a standard promulgated under
4711 Section 112 of the Clean Air Act, including Sections 112(g), (j) and (r).

4712

4713 A) Any pollutant subject to requirements under Section 112(j) of the

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4714 Clean Air Act. Any pollutant listed under Section 112(b) is
4715 considered regulated 18 months after the date on which USEPA
4716 was required to promulgate an applicable standard under Section
4717 112(e) of the Clean Air Act, if USEPA fails to promulgate such
4718 standard.

4719
4720 B) Any pollutant for which the requirements of Section 112(g)(2) of
4721 the Clean Air Act have been met, but only for the individual source
4722 subject to Section 112(g)(2).
4723

4724 5) Greenhouse Gases, which are the group of six long-lived and directly
4725 emitted greenhouse gases: carbon dioxide, methane, nitrous oxide,
4726 hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride.
4727

4728 b) "Regulated air pollutant" means, for 35 Ill. Adm. Code 201.180(a), any air
4729 contaminant for which this Subtitle contains emission standards or other specific
4730 limitations and any contaminant regulated in Illinois under Section 9.1 of the Act.
4731

4732 (Source: Amended at 50 Ill. Reg. , effective
4733)
4734

4735 **Section 211.5510 Reid Vapor Pressure**
4736

4737 "Reid vapor pressure" means the absolute vapor pressure of volatile crude oil and volatile
4738 nonviscous petroleum liquids except liquefied petroleum gases, as determined by the method in
4739 the Section where the term is used or, if the Section where the term is used does not specify a
4740 method, by ASTM D323-20a, incorporated by reference in 35 Ill. Adm. Code 218.112 and
4741 219.112.
4742

4743 (Source: Amended at 50 Ill. Reg. , effective
4744)
4745

4746 **Section 211.5520 Reinforced Plastic Composite**
4747

4748 "Reinforced plastic composite" means, for 35 Ill. Adm. Code 218 and 219, a composite material
4749 consisting of plastic reinforced with fibers.
4750

4751 (Source: Amended at 50 Ill. Reg. , effective
4752)
4753

4754 **Section 211.5530 Repair**

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4755
4756 "Repair" means, for polyester resin product manufacturing processes, a portion of the fabrication
4757 process that requires adding polyester resin materials to portions of a previously fabricated
4758 product immediately after normal fabrication operations to mend damage.
4759

4760 (Source: Amended at 50 Ill. Reg. , effective
4761)
4762

4763 **Section 211.5535 Repair Cleaning**
4764

4765 "Repair cleaning" means, for 35 Ill. Adm. Code 218.187 and 219.187, a solvent cleaning
4766 operation or activity carried out during a repair process.
4767

4768 (Source: Amended at 50 Ill. Reg. , effective)
4769

4770 **Section 211.5550 Repair Coat**
4771

4772 "Repair coat" means:
4773

- 4774 a) For coating wood furniture, coatings used to correct imperfections or damage to
4775 furniture surface.
4776
4777 b) For 35 Ill. Adm. Code 218.204(q) and 219.204(q), a coat used to re-coat portions
4778 of a previously coated product that has sustained mechanical damage to the
4779 coating after normal coating operations.
4780

4781 (Source: Amended at 50 Ill. Reg. , effective
4782)
4783

4784 **Section 211.5570 Repaired**
4785

4786 "Repaired" means, for Subparts Q of 35 Ill. Adm. Code 215, 218, and 219, that equipment or a
4787 component has been adjusted or otherwise altered to eliminate a leak.
4788

4789 (Source: Amended at 50 Ill. Reg. , effective
4790)
4791

4792 **Section 211.5580 Repowering**
4793

4794 "Repowering" means, for 35 Ill. Adm. Code 217.Subpart W, converting or replacing an existing
4795 budget EGU identified in Appendix F with a technology capable of controlling NO_x and other

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4796 combustion emissions simultaneously with improved boiler or generation efficiency and with
4797 waste reduction or any other replacement generation technology, as determined by the Illinois
4798 Environmental Protection Agency. Repowering is a control technology for 35 Ill. Adm. Code
4799 217.

4800
4801 (Source: Amended at 50 Ill. Reg. , effective
4802)
4803

Section 211.5585 Research and Development Operation

4804
4805
4806 "Research and development operation" means, for 35 Ill. Adm. Code 218.187, 219.187, and
4807 219.204(r), an operation:
4808

- 4809 a) Whose purpose is researching and developing new processes and products;
- 4810
- 4811 b) That is conducted under the close supervision of technically trained personnel;
- 4812 and
- 4813
- 4814 c) That is not involved in manufacturing final or intermediate products for
- 4815 commercial purposes, except in a de minimis manner.
- 4816

4817 (Source: Amended at 50 Ill. Reg. , effective
4818)
4819

Section 211.5590 Residual Fuel Oil

4820
4821
4822 "Residual fuel oil" means fuel oils of grade No. 4, 5, and 6 under requirements for fuel oils in
4823 ASTM D396-24, incorporated by reference in 35 Ill. Adm. Code 211.101(a)(3), 218.112, and
4824 219.112.
4825

4826 (Source: Amended at 50 Ill. Reg. , effective
4827)
4828

Section 211.5610 Restricted Area

4829
4830
4831 "Restricted area" means the area within the boundaries of any "municipality" as defined in
4832 Section 1-1-2 of the Illinois Municipal Code [65 ILCS 5/1-1-2], plus a zone extending one mile
4833 beyond the boundaries of any such municipality having a population of 1,000 or more according
4834 to the latest federal census.
4835

4836 (Source: Amended at 50 Ill. Reg. , effective)

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4837

4838 **Section 211.5640 Rich-Burn Engine**

4839

4840 "Rich-burn engine" means a spark-ignited engine where the oxygen content in the exhaust stream
4841 of the engine before any dilutions is 1% or less by volume measured on a dry basis.

4842

4843 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4844

4845 **Section 211.5650 Ringelmann Chart (Repealed)**

4846

4847 (Source: Repealed at 50 Ill. Reg. _____, effective

4848 _____)

4849

4850 **Section 211.5670 Roadway**

4851

4852 "Roadway" means any street, highway, road, alley, sidewalk, parking lot, airport, rail bed or
4853 terminal, bikeway, pedestrian mall, or other structure used for transportation purposes.

4854

4855 (Source: Amended at 50 Ill. Reg. _____, effective

4856 _____)

4857

4858 **Section 211.5710 Roll Coating**

4859

4860 "Roll coating" means a method of applying a coating to a moving substrate by rotating hard
4861 rubber, elastomeric, or metal rolls.

4862

4863 (Source: Amended at 50 Ill. Reg. _____, effective

4864 _____)

4865

4866 **Section 211.5750 Roll Printing**

4867

4868 "Roll printing" means a method of printing by a series of rolls, usually of hard rubber or metal,
4869 each with only partial coverage.

4870

4871 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4872

4873 **Section 211.5800 Rubber**

4874

4875 "Rubber" means, for Subparts JJ of 35 Ill. Adm. Code 218 and 219, any natural or manmade
4876 rubber substrate, including styrene-butadiene rubber, polychloroprene (neoprene), butyl rubber,
4877 nitrile rubber, chlorosulfonated polyethylene, and ethylene propylene diene terpolymer.

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(Source: Amended at 50 Ill. Reg. , effective)

Section 211.5805 Rubber-Based Adhesive

"Rubber-based adhesive" means a quick setting contact cement that provides a strong yet flexible bond between two mating surfaces that may be of dissimilar materials.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.5810 Safety Relief Valve

"Safety relief valve" means a valve which is normally closed and designed to open to relieve excessive pressures within a vessel or pipe.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.5830 Sandblasting

"Sandblasting" means the use of a mixture of sand and air at high pressures on any type of surface for cleaning, polishing, or both.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.5850 Sanding Sealers

"Sanding sealers" means any coatings formulated for and applied to bare wood to sand and seal the wood for subsequent application of varnish. To be considered a sanding sealer, a coating must be clearly labelled as one.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.5855 Scale Inhibitor

"Scale inhibitor" means, for 35 Ill. Adm. Code 219.204(r), a coating that is applied to the surface of a part before thermal processing to inhibit the formation of scale.

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4919 (Source: Amended at 50 Ill. Reg. , effective
4920)
4921

4922 **Section 211.5860 Scientific Instrument**
4923

4924 "Scientific instrument" means, for 35 Ill. Adm. Code 218.187 and 219.187, an instrument,
4925 including the components, assemblies, and subassemblies used in their manufacture, and
4926 associated accessories and reagents that are used for the detection, measurement, analysis,
4927 separation, synthesis, or sequencing of various compounds.
4928

4929 (Source: Amended at 50 Ill. Reg. , effective
4930)
4931

4932 **Section 211.5870 Screening**
4933

4934 "Screening" means separating material according to size by pressing undersized material through
4935 one or more mesh surfaces (screens) in series and retaining oversized material on the mesh
4936 surfaces.
4937

4938 (Source: Amended at 50 Ill. Reg. , effective)
4939

4940 **Section 211.5875 Screen Printing**
4941

4942 "Screen printing" means, for 35 Ill. Adm. Code 218.187 and 219.187, a process in which the
4943 printing ink passes through a taut screen or fabric to which a refined form of stencil has been
4944 applied. The stencil openings determine the form and dimensions of the imprint.
4945

4946 (Source: Amended at 50 Ill. Reg. , effective
4947)
4948

4949 **Section 211.5880 Screen Printing on Paper**
4950

4951 "Screen printing on paper" means a process that would otherwise be paper coating as defined in
4952 Section 211.4470, except ink is passed through a taut screen or fabric to which a refined form of
4953 stencil has been applied. The stencil openings determine the form and dimensions of the
4954 imprint.
4955

4956 (Source: Amended at 50 Ill. Reg. , effective
4957)
4958

4959 **Section 211.5883 Screen Print Ink for Aerospace Applications**

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4960
4961 "Screen print ink for aerospace applications" means, for 35 Ill. Adm. Code 219.204(r), an ink
4962 used in screen printing processes during fabrication of decorative laminates and decals at
4963 aerospace facilities.

4964
4965 (Source: Amended at 50 Ill. Reg. , effective
4966)

4967
4968 **Section 211.5885 Screen Reclamation**

4969
4970 "Screen reclamation" means, for 35 Ill. Adm. Code 218.187 and 219.187, a solvent cleaning
4971 activity carried out in a screen printing operation in which the screen is completely cleaned and
4972 the stencil removed to recycle or reuse the screen for other production runs.

4973
4974 (Source: Amended at 50 Ill. Reg. , effective
4975)

4976
4977 **Section 211.5890 Sealer**

4978
4979 "Sealer" means:

- 4980
- 4981 a) Except for 35 Ill. Adm. Code 218.204(a) and (q) and 219.204(a) and (q), a coating
4982 containing binders that seals wood before the application of the subsequent
4983 coatings.
 - 4984
 - 4985 b) For 35 Ill. Adm. Code 218.204(a) and (q) and 219.204(a) and (q), a high viscosity
4986 material generally, but not always, applied in the paint shop after the body has
4987 received an electrodeposition primer coating and before the application of
4988 subsequent coatings (e.g., primer surfacer). The primary purpose of sealer is to fill
4989 body joints completely so that there is no intrusion of water, gases, or corrosive
4990 materials into the passenger area of the body compartment. These materials are
4991 also referred to as sealant, sealant primer, or caulk.

4992
4993 (Source: Amended at 50 Ill. Reg. , effective
4994)

4995
4996 **Section 211.5900 Self-Priming Topcoat for Aerospace Applications**

4997
4998 "Self-priming topcoat for aerospace applications" means a topcoat that is applied directly to an
4999 uncoated aerospace vehicle or component for corrosion prevention, environmental protection,
5000 and functional fluid resistance. More than one layer of identical coating formulation may be

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5001 applied to the vehicle or component. This definition does not include self-priming topcoats for
5002 general aviation rework facilities.

5003
5004 (Source: Amended at 50 Ill. Reg. , effective
5005)
5006

5007 **Section 211.5907 Semi-Aqueous Cleaning Solvent**

5008
5009 "Semi-aqueous cleaning solvent" means a solution in which water is the primary ingredient. At
5010 least 60% of the solvent solution, as applied, must be water.

5011
5012 (Source: Amended at 50 Ill. Reg. , effective
5013)
5014

5015 **Section 211.5910 Semi-Transparent Stains**

5016
5017 "Semi-transparent stains" means stains containing dyes or semi-transparent pigments which are
5018 formulated to enhance wood grain and change the color of the surface but not to conceal the
5019 surface, including sap stain, toner, non-grain raising stains, pad stain, or spatter stain.

5020
5021 (Source: Amended at 50 Ill. Reg. , effective
5022)
5023

5024 **Section 211.5950 Set of Safety Relief Valves**

5025
5026 "Set of safety relief valves" means one or more safety relief valves designed to open to relieve
5027 excessive pressures in the same vessel or pipe.

5028
5029 (Source: Amended at 50 Ill. Reg. , effective
5030)
5031

5032 **Section 211.5985 Sheet Rubber Lining Installation**

5033
5034 "Sheet rubber lining installation" means, for 35 Ill. Adm. Code 218 and 219, the process of
5035 applying sheet rubber liners by hand to metal or plastic substrates to protect the underlying
5036 substrate from corrosion or abrasion. These operations also include laminating sheet rubber to
5037 fabric by hand.

5038
5039 (Source: Amended at 50 Ill. Reg. , effective
5040)
5041

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5042 **Section 211.5987 Shock-Free Coating**

5043
5044 "Shock-free coating" means, for 35 Ill. Adm. Code 218 and 219, a coating applied to electrical
5045 components to protect the user from electric shock. The coating has characteristics of low
5046 capacitance, high resistance, and resistance to breaking down under high voltage.

5047
5048 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5049

5050 **Section 211.5990 Shotblasting**

5051
5052 "Shotblasting" means using a mixture of any metallic or non-metallic substance and air at high
5053 pressures on any type of surface for cleaning, polishing, or both.

5054
5055 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5056

5057 **Section 211.6012 Silicone-Release Coating**

5058
5059 "Silicone-release coating" means, for 35 Ill. Adm. Code 218 and 219, any coating that contains
5060 silicone resin and is intended to prevent food from sticking to metal surfaces such as baking
5061 pans.

5062
5063 (Source: Amended at 50 Ill. Reg. , effective
5064)
5065

5066 **Section 211.6015 Single-Ply Roof Membrane**

5067
5068 "Single-ply roof membrane" means, for 35 Ill. Adm. Code 218 and 219, a prefabricated single
5069 sheet of rubber, normally ethylene-propylenediene terpolymer, that is field applied to a building
5070 roof using one layer of membrane material. Single-ply roof membrane does not include
5071 membranes prefabricated from EPDM.

5072
5073 (Source: Amended at 50 Ill. Reg. , effective
5074)
5075

5076 **Section 211.6017 Single-Ply Roof Membrane Adhesive Primer**

5077
5078 "Single-ply roof membrane adhesive primer" means, for 35 Ill. Adm. Code 218 and 219, any
5079 primer labeled for cleaning and promoting adhesion of the single-ply roof membrane seams or
5080 splices before bonding.

5081

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5082 (Source: Amended at 50 Ill. Reg. , effective
5083)
5084

Section 211.6020 Single-Ply Roof Membrane Installation and Repair Adhesive

5085
5086
5087 "Single-ply roof membrane installation and repair adhesive" means, for 35 Ill. Adm. Code 218
5088 and 219, any adhesive labeled for installing or repairing single-ply roof membrane. Installation
5089 includes, as a minimum, attaching the edge of the membrane to the edge of the roof and applying
5090 flashings to vents, pipes, and ducts that protrude through the membrane. Repair includes gluing
5091 the edges of torn membrane together, attaching a patch over a hole, and reapplying flashings to
5092 vents, pipes, or ducts installed through the membrane.
5093

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.6025 Single Unit Operation

5094
5095
5096
5097
5098 "Single unit operation" means, for 35 Ill. Adm. Code 218.500 through 218.506 and 219.500
5099 through 219.506, a distinct piece of equipment in a batch operation within which one or more
5100 discrete processing steps occur. These discrete processing steps include preparing reactants,
5101 facilitating reactions, separating and purifying products or intermediates, and recycling materials.
5102

(Source: Amended at 50 Ill. Reg. , effective
5103)
5104
5105

Section 211.6030 Smoke

5106
5107
5108 "Smoke" means small gas-borne particles resulting from incomplete combustion consisting
5109 predominantly but not exclusively of carbon, ash, and other combustible material that form a
5110 visible plume in the air.
5111

(Source: Amended at 50 Ill. Reg. , effective
5112)
5113
5114

Section 211.6050 Smokeless Flare

5115
5116
5117 "Smokeless flare" means a combustion unit and the stack to which it is affixed in which organic
5118 material achieves combustion by burning in the atmosphere so that the smoke or other particulate
5119 matter emitted to the atmosphere from the combustion does not cause an opacity of greater than
5120 20% as measured by USEPA Method 9, incorporated by reference at 35 Ill. Adm. Code 212.109.
5121

(Source: Amended at 50 Ill. Reg. , effective
5122

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5123 _____)

5124

Section 211.6055 Smoothing and Caulking Compounds

5126

5127 "Smoothing and caulking compounds" means semi-solid materials that are applied by hand
5128 application methods and used to aerodynamically smooth exterior vehicle surfaces or fill cavities
5129 such as bolt hole accesses. A material will not be classified as a smoothing and caulking
5130 compound if it can also be classified as a sealant.

5131

5132 (Source: Amended at 50 Ill. Reg. _____, effective
5133 _____)

5134

Section 211.6063 Solar-Absorbent Coating

5136

5137 "Solar-absorbent coating" means, for 35 Ill. Adm. Code 218 and 219, a coating that has as its
5138 prime purpose absorbing solar radiation.

5139

5140 (Source: Amended at 50 Ill. Reg. _____, effective
5141 _____)

5142

Section 211.6064 Solid Film Lubricant

5144

5145 "Solid film lubricant" means, for 35 Ill. Adm. Code 219.204(r), a very thin coating consisting of
5146 a binder system containing as its chief pigment material one or more of the following:
5147 molybdenum, graphite, polytetrafluoroethylene (PTFE), or other solids that act as a dry lubricant
5148 between faying (i.e., closely or tightly fitting) surfaces in aerospace applications.

5149

5150 (Source: Amended at 50 Ill. Reg. _____, effective
5151 _____)

5152

Section 211.6065 Solids Turnover Ratio (R_T)

5154

5155 "Solids turnover ratio" or "Solids R_T" means, for 35 Ill. Adm. Code 218 and 219, the ratio of
5156 total volume of coating solids that is added to the EDP system in a calendar month to the total
5157 volume design capacity of the EDP system.

5158

5159 (Source: Amended at 50 Ill. Reg. _____, effective
5160 _____)

5161

Section 211.6070 Solvent

5163

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5164 "Solvent" means a liquid substance that is used to dissolve or dilute another substance. This
5165 term includes organic materials used as solvers, viscosity reducers, degreasing agents, or
5166 cleaning agents.
5167

5168 (Source: Amended at 50 Ill. Reg. , effective
5169)
5170

5171 **Section 211.6110 Solvent Recovery System**
5172

5173 "Solvent recovery system" means equipment which processes spent solvents, surplus propellants,
5174 and other VOM-containing waste materials generated by an emission unit to recover VOM
5175 which can be productively used, either in the original unit or for another purpose, reducing the
5176 amount of material which must be disposed of as waste.
5177

5178 (Source: Amended at 50 Ill. Reg. , effective
5179)
5180

5181 **Section 211.6130 Source**
5182

5183 *"Source" means any stationary source (or any group of stationary sources) that is located on*
5184 *one or more contiguous or adjacent properties that are under common control of the same*
5185 *person (or persons under common control) and that belongs to a single major industrial*
5186 *grouping. For the purposes of defining "source," a stationary source or group of stationary*
5187 *sources shall be considered part of a single major industrial grouping if all of the pollutant*
5188 *emitting activities at such source or group of sources located on contiguous or adjacent*
5189 *properties and under common control belong to the same Major Group (i.e., all have the same*
5190 *two-digit code) as described in the Standard Industrial Classification Manual, 1987*
5191 *(incorporated by reference in 35 Ill. Adm. Code 218.112 and 219.112), or such pollutant emitting*
5192 *activities at a stationary source (or group of sources) located on contiguous or adjacent*
5193 *properties and under common control constitute a support facility as defined in Section 39.5 of*
5194 *the Environmental Protection Act [415 ILCS 5/39.5]. The determination as to whether any*
5195 *group of stationary sources is located on contiguous or adjacent properties, and/or is under*
5196 *common control, and/or whether the pollutant emitting activities at such group of stationary*
5197 *sources constitute a support facility shall be made on a case-by-case basis.* [415 ILCS 5/39.5]
5198

5199 (Source: Amended at 50 Ill. Reg. , effective
5200)
5201

5202 **Section 211.6133 Space Vehicle**
5203

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5204 "Space vehicle" means a man-made device, either manned or unmanned, designed for operation
5205 beyond earth's atmosphere. This definition includes integral equipment such as models,
5206 mockups, prototypes, molds, jigs, tooling, hardware jackets, and test coupons. This definition
5207 also includes auxiliary equipment associated with testing, transportation, and storage that
5208 through contamination can compromise the space vehicle performance.
5209

5210 (Source: Amended at 50 Ill. Reg. , effective
5211)
5212

5213 **Section 211.6137 Specialized Function Coating**
5214

5215 "Specialized function coating" means, for 35 Ill. Adm. Code 219.204(r), a coating that fulfills
5216 extremely specific engineering requirements in aerospace applications that are limited in use and
5217 are characterized by low volume usage. This category excludes coatings covered in other
5218 specialty coating categories in 35 Ill. Adm. Code 219.204(r)(2).
5219

5220 (Source: Amended at 50 Ill. Reg. , effective
5221)
5222

5223 **Section 211.6140 Specialty Coatings**
5224

5225 "Specialty coatings" means, for 35 Ill. Adm. Code 218 and 219, plastic parts coatings used for
5226 unusual job performance requirements. These products include adhesion primers, resist
5227 coatings, soft coatings, reflective coatings, electrostatic prep coatings, headlamp lens coatings,
5228 ink pad printing coatings, stencil coatings, vacuum metalizing coatings, gloss reducers, plating
5229 resist coatings, and plating sensitizer coatings.
5230

5231 (Source: Amended at 50 Ill. Reg. , effective
5232)
5233

5234 **Section 211.6145 Specialty Coatings for Motor Vehicles**
5235

5236 "Specialty coatings for motor vehicles" means, for Subparts HH of 35 Ill. Adm. Code 218 and
5237 219, a coating used for unusual job performance requirements, including adhesion promoters,
5238 uniform finish blenders, elastomeric materials, gloss flatteners, and bright metal trim repair.
5239

5240 (Source: Amended at 50 Ill. Reg. , effective
5241)
5242

5243 **Section 211.6150 Specialty High Gloss Catalyzed Coating**
5244

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5245 "Specialty high gloss catalyzed coating" means commercial contract finishing of material
5246 prepared for printers and lithographers where the finishing process uses a solvent-borne coating
5247 formulated with a catalyst in a quantity of no more than 12,000 gallons/year as supplied; the
5248 coating machines are sheet-fed, and the coated sheets are brought to a minimum surface
5249 temperature of 190 ~~°F~~°F; and the coated sheets are to achieve the minimum specular reflectance
5250 index of 65 measured at a ~~60°~~60° angle with a gloss meter.

5251
5252 (Source: Amended at 50 Ill. Reg. , effective
5253)
5254

5255 **Section 211.6170 Specialty Leather**
5256

5257 "Specialty leather" means leather in one of the following categories:
5258

5259 a) "Specialty shoe leather," such as "CHROMEXCEL" (TM) leather, that is:
5260

- 5261 1) A select grade of chrome tanned, bark retanned leather;
- 5262
- 5263 2) Retanned to over 25% by weight grease, wax, and oils by direct contact
- 5264 with such materials in liquefied form at elevated temperature without the
- 5265 presence of water;
- 5266
- 5267 3) Finished with coating materials which adhere to the leather surface to
- 5268 provide color and a rich visual luster while allowing a surface that feels
- 5269 oily; and
- 5270
- 5271 4) Used primarily for manufacture of shoes.
- 5272

5273 b) "Specialty football leather," such as "TANNED IN TACK" (TM) leather, that is:
5274

- 5275 1) Top grade, chrome tanned, bark retanned, and fat liquored leather;
- 5276
- 5277 2) Finished with coating materials which impregnate into the leather to
- 5278 produce a permanent non-slip "tacky" exterior surface on the leather. This
- 5279 "tacky" characteristic continues to exist with wear; and
- 5280
- 5281 3) Used primarily for the manufacture of footballs.
- 5282

5283 (Source: Amended at 50 Ill. Reg. , effective
5284)
5285

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5286 **Section 211.6190 Specialty Soybean Crushing Source**

5287
5288 "Specialty soybean crushing source" means any hexane extraction soybean crushing equipment
5289 using indirect steam heat in flash or vapor desolventizers as the primary method of
5290 desolventizing and producing specialty solvent extracted soy flakes, grits, or flour.

5291
5292 (Source: Amended at 50 Ill. Reg. , effective
5293)

5294
5295 **Section 211.6270 Standard Conditions**

5296
5297 "Standard conditions" means a temperature of 70 ~~°F~~°F and a pressure of 14.7 psia.

5298
5299 (Source: Amended at 50 Ill. Reg. , effective
5300)

5301
5302 **Section 211.6310 Start-Up**

5303
5304 "Start-up" means setting an emission unit in operation for any purpose.

5305
5306 (Source: Amended at 50 Ill. Reg. , effective)

5307
5308 **Section 211.6355 Stationary Gas Turbine**

5309
5310 "Stationary gas turbine" means any simple cycle gas turbine, regenerative cycle gas turbine, or
5311 any gas turbine portion of a combined cycle steam/electric generating system that is not
5312 self-propelled. It may, however, be mounted on wheels for portability.

5313
5314 (Source: Amended at 50 Ill. Reg. , effective
5315)

5316
5317 **Section 211.6400 Stencil Coat**

5318
5319 "Stencil coat" means:

- 5320
5321 a) Before May 1, 2012, a coating applied over a stencil on a plastic part at a
5322 thickness of 1 mm or less of coating solids. Stencil coats are most frequently
5323 letters, numbers, or decorative designs.
5324

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5325 b) On and after May 1, 2012, an ink or pigmented coating rolled or brushed onto a
5326 template or stamp to add identifying letters, symbols, numbers, or any
5327 combination of these.
5328

5329 (Source: Amended at 50 Ill. Reg. , effective
5330)
5331

5332 **Section 211.6405 Sterilization Indicating Ink**
5333

5334 "Sterilization indicating ink" means, for 35 Ill. Adm. Code 218.187 and 219.187, an ink that
5335 changes color to indicate that sterilization has occurred. This ink is used to monitor the
5336 sterilization of medical instruments, autoclave efficiency, and the thermal processing of foods to
5337 prevent spoilage.
5338

5339 (Source: Amended at 50 Ill. Reg. , effective
5340)
5341

5342 **Section 211.6410 Storage Tank or Storage Vessel**
5343

5344 "Storage tank or storage vessel" means any tank, reservoir, or container used to store liquid or
5345 gaseous material.
5346

5347 (Source: Amended at 50 Ill. Reg. , effective
5348)
5349

5350 **Section 211.6425 Stripping**
5351

5352 "Stripping" means, for 35 Ill. Adm. Code 218.187 and 219.187, the removal of cured coatings,
5353 cured inks, or cured adhesives.
5354

5355 (Source: Amended at 50 Ill. Reg. , effective
5356)
5357

5358 **Section 211.6427 Structural Glazing**
5359

5360 "Structural glazing" means, for 35 Ill. Adm. Code 218 and 219, a process that includes applying
5361 adhesive to bond glass, ceramic, metal, stone, or composite panels to exterior building frames.
5362

5363 (Source: Amended at 50 Ill. Reg. , effective)
5364

5365 **Section 211.6428 Structural Nonautoclavable Adhesive for Aerospace Applications**

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5366

5367 "Structural nonautoclavable adhesive for aerospace applications" means an adhesive cured under
5368 ambient conditions that is used to bond load-carrying aerospace components or for other critical
5369 functions, such as nonstructural bonding in the proximity of engines.

5370

5371 (Source: Amended at 50 Ill. Reg. _____, effective
5372 _____)

5373

5374 **Section 211.6430 Styrene Devolatilizer Unit**

5375

5376 "Styrene devolatilizer unit" means equipment which separates unreacted styrene monomer and
5377 other volatile components from polystyrene in a vacuum devolatilizer.

5378

5379 (Source: Amended at 50 Ill. Reg. _____, effective
5380 _____)

5381

5382 **Section 211.6450 Styrene Recovery Unit**

5383

5384 "Styrene recovery unit" means equipment which separates styrene monomer from other less
5385 volatile components of the styrene devolatilizer unit's output. The separated styrene monomer
5386 may be reused as a raw material in the polystyrene plant.

5387

5388 (Source: Amended at 50 Ill. Reg. _____, effective
5389 _____)

5390

5391 **Section 211.6460 Subfloor**

5392

5393 "Subfloor" means, for 35 Ill. Adm. Code 218 and 219, subflooring material over floor joists,
5394 including any load bearing joists. Subflooring is covered by a finish surface material.

5395

5396 (Source: Amended at 50 Ill. Reg. _____, effective
5397 _____)

5398

5399 **Section 211.6470 Submerged Loading Pipe**

5400

5401 "Submerged loading pipe" means:

5402

5403 a) For 35 Ill. Adm. Code 215, any loading pipe which meets any of the following
5404 conditions:

5405

5406 1) Where the tank is filled from the top, the end of the discharge pipe or

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5407 nozzle is entirely submerged when the liquid level is 15 cm (6 in) above
5408 the bottom of the tank.
5409

5410 2) Where the tank is filled from the side, the discharge pipe or nozzle is
5411 entirely submerged when the liquid level is 46 cm (18 in) or two times the
5412 loading pipe diameter, whichever is greater, above the bottom of the tank.
5413

5414 3) Any loading pipe which is continuously submerged during loading
5415 operations.
5416

5417 b) For 35 Ill. Adm. Code 218 and 219, any discharge pipe or nozzle which meets
5418 either of the following conditions:
5419

5420 1) Where the tank is filled from the top, the end of the discharge pipe or
5421 nozzle is entirely submerged when the liquid level is 15 cm (6 in) above
5422 the bottom of the tank.
5423

5424 2) Where the tank is filled from the side, the discharge pipe or nozzle is
5425 entirely submerged when the liquid level is 46 cm (18 in) above the
5426 bottom of the tank.
5427

5428 (Source: Amended at 50 Ill. Reg. , effective
5429)

5431 **Section 211.6510 Sulfuric Acid Mist**
5432

5433 "Sulfuric acid mist" means sulfuric acid mist as measured according to the method in 35 Ill.
5434 Adm. Code 214.101(b).
5435

5436 (Source: Amended at 50 Ill. Reg. , effective
5437)

5439 **Section 211.6530 Surface Condenser**
5440

5441 "Surface condenser" means a device which removes a substance from a gas stream by reducing
5442 the temperature of the stream without direct contact between the coolant and the stream.
5443

5444 (Source: Amended at 50 Ill. Reg. , effective)
5445

5446 **Section 211.6535 Surface Preparation**
5447

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5448 "Surface preparation" means, for 35 Ill. Adm. Code 218.187 and 219.187, removing
5449 contaminants such as dust, soil, oil, and grease before applying coating, adhesive, or ink.

5450

5451 (Source: Amended at 50 Ill. Reg. , effective
5452)

5453

5454 **Section 211.6540 Surface Preparation Materials**

5455

5456 "Surface preparation materials" means materials that are used to remove foreign matter such as
5457 wax, tar, grease, and silicone from the surface to be coated.

5458

5459 (Source: Amended at 50 Ill. Reg. , effective)

5460

5461 **Section 211.6550 Synthetic Organic Chemical or Polymer Manufacturing Plant**

5462

5463 "Synthetic organic chemical or polymer manufacturing plant" means a source that produces
5464 chemicals or polymer as intermediates or final products.

5465

5466 (Source: Amended at 50 Ill. Reg. , effective)

5467

5468 **Section 211.6575 Temporary Protective Coating for Aerospace Applications**

5469

5470 "Temporary protective coating for aerospace applications" means a coating applied to aerospace
5471 surfaces to provide scratch or corrosion protection during manufacturing, storage, or
5472 transportation. Two types include peelable protective coatings and alkaline removable coatings.
5473 These materials are not intended to protect against strong acid or alkaline solutions. This
5474 definition does not include coatings that provide this type of protection from chemical
5475 processing.

5476

5477 (Source: Amended at 50 Ill. Reg. , effective
5478)

5479

5480 **Section 211.6585 Thin Metal Laminating Adhesive**

5481

5482 "Thin metal laminating adhesive" means, for 35 Ill. Adm. Code 218 and 219, any adhesive
5483 intended by the manufacturer to bond multiple layers of metal to metal or metal to plastic to
5484 produce electronic or magnetic components in which the bond lines are less than 0.25 mm thick.

5485

5486 (Source: Amended at 50 Ill. Reg. , effective
5487)

5488

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5489 **Section 211.6587 Thin Particleboard**

5490

5491 "Thin particleboard" means a manufactured board ¼ inch or less in thickness made of individual
5492 wood particles that have been coated with a binder and formed into flat sheets by pressure.

5493

5494 (Source: Amended at 50 Ill. Reg. , effective
5495)

5496

5497 **Section 211.6590 Thirty-Day Rolling Average**

5498

5499 "Thirty-day rolling average" or "30-day rolling average" means any value arithmetically averaged
5500 over any consecutive 30 days.

5501

5502 (Source: Amended at 50 Ill. Reg. , effective
5503)

5504

5505 **Section 211.6620 Three- or Four-Stage Coating System**

5506

5507 "Three- or four-stage coating system" means a topcoat system composed of a colored basecoat,
5508 one or two semi-transparent midcoats, and a transparent clearcoat.

5509

5510 (Source: ~~Added~~ Amended at 1950 Ill. Reg. 6823 , effective May 9,
5511 1995)

5512

5513 **Section 211.6630 Through-the-Valve Fill**

5514

5515 "Through-the-value fill" means a method of filling aerosol cans with propellant by injecting
5516 propellant into the can through and around the outlet tube of the can and aerosol valve.

5517 Through-the-valve fill is a different method than under-the-cup fill.

5518

5519 (Source: Amended at 50 Ill. Reg. , effective)

5520

5521 **Section 211.6640 Tire Repair**

5522

5523 "Tire repair" means, for 35 Ill. Adm. Code 218 and 219, a process that includes expanding a
5524 hole, tear, fissure, or blemish in a tire casing by grinding or gouging; applying adhesive; and
5525 filling the hole or crevice with rubber.

5526

5527 (Source: Amended at 50 Ill. Reg. , effective)

5528

5529 **Section 211.6650 Tooling Resin**

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5530

5531 "Tooling resin" means resins used to fabricate molds and fixtures used to manufacture fiberglass
5532 products.

5533

5534 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5535

5536 **Section 211.6670 Topcoat**

5537

5538 "Topcoat" means:

5539

5540 a) Except as used in 35 Ill. Adm. Code 218.204(a)(2) and (q)(5) and 219.204(a)(2),
5541 (q)(5), and (r), a coating applied to a substrate in a multiple coat operation other
5542 than prime coat, primer surfacer coat, or final repair coat.

5543

5544 b) For 35 Ill. Adm. Code 218.204(a)(2) and 219.204(a)(2), the final coating system
5545 applied to provide the final color, a protective finish, or both. The topcoat may be
5546 a monocoat color or basecoat/clearcoat system. In-line repair and two-tone are
5547 part of topcoat.

5548

5549 c) For 35 Ill. Adm. Code 218.204(q)(5) and 219.204(q)(5), any final coating applied
5550 to the interior or exterior of a pleasure craft.

5551

5552 d) For 35 Ill. Adm. Code 219.204(r), a coating applied over a primer on an aerospace
5553 vehicle or component for appearance, identification, camouflage, or protection.
5554 This definition does not include topcoats listed as specialty coatings in 35 Ill.
5555 Adm. Code 219.204(r)(2).

5556

5557 (Source: Amended at 50 Ill. Reg. _____, effective
5558 _____)
5559

5560 **Section 211.6695 Topcoat System**

5561

5562 "Topcoat system" means the final film or series of films of coating applied to a motor vehicle
5563 refinishing surface and includes basecoat/clearcoat systems and three- or four-stage coating
5564 systems.

5565

5566 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5567

5568 **Section 211.6710 Touch-Up**

5569

5570 "Touch-up" means, for polyester resin product manufacturing processes, a portion of the

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5571 fabrication process that is necessary to cover minor imperfections.

5572

5573 (Source: Amended at 50 Ill. Reg. _____, effective _____)†

5574

5575 **Section 211.6720 Touch-Up Coating**

5576

5577 "Touch-up coating" means:

5578

5579 a) Except as used in 35 Ill. Adm. Code 218.204(q), 219.204(q), and 219.204(r), a
5580 coating applied by brush or hand-held, non-refillable aerosol cans to repair minor
5581 surface damage and imperfections.

5582

5583 b) For 35 Ill. Adm. Code 218.204(q), 219.204(q), and 219.204(r), a coating used to
5584 cover minor coating imperfections appearing after the main coating operation.

5585

5586 (Source: Amended at 50 Ill. Reg. _____, effective
5587 _____)

5588

5589 **Section 211.6730 Transfer Efficiency**

5590

5591 "Transfer efficiency" means the ratio of the amount of coating solids deposited onto a part or
5592 product to the total amount of coating solids used during a particular time period.

5593

5594 (Source: Amended at 50 Ill. Reg. _____, effective
5595 _____)

5596

5597 **Section 211.6740 Translucent Coating**

5598

5599 "Translucent coating" means, for 35 Ill. Adm. Code 218 and 219, a coating that contains binders
5600 and pigment and is formulated to form a colored, but not opaque, film.

5601

5602 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5603

5604 **Section 211.6770 True Vapor Pressure**

5605

5606 "True vapor pressure" means the equilibrium partial pressure exerted by a VOL as determined in
5607 compliance with methods in American Petroleum Institute Manual of Petroleum Measurement
5608 Standards Chapter 19.2 Evaporative Loss from Floating-roof Tanks (August 2000), incorporated
5609 by reference in 35 Ill. Adm. Code 218.112 and 219.112.

5610

5611 (Source: Amended at 50 Ill. Reg. _____, effective _____)

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5612 _____)

5613

5614 **Section 211.6780 Trunk Interior Coating**

5615

5616 "Trunk interior coating" means, for 35 Ill. Adm. Code 218 and 219, a coating outside of the
5617 primer surfacer and topcoat operations applied to the trunk interior to provide chip protection.
5618

5619 (Source: Amended at 50 Ill. Reg. _____, effective
5620 _____)

5621

5622 **Section 211.6790 Turnaround**

5623

5624 "Turnaround" means, for a refinery process unit, the procedure of shutting down an operating
5625 refinery unit; emptying gaseous and liquid contents to do inspection, maintenance, and repair
5626 work; and putting the unit back into production.
5627

5628 (Source: Amended at 50 Ill. Reg. _____, effective
5629 _____)

5630

5631 **Section 211.6825 Underbody Coating**

5632

5633 "Underbody coating" means, for 35 Ill. Adm. Code 218 and 219, a coating applied to the
5634 undercarriage or firewall to prevent corrosion, provide chip protection, or both.
5635

5636 (Source: Amended at 50 Ill. Reg. _____, effective
5637 _____)

5638

5639 **Section 211.6830 Under-the-Cup Fill**

5640

5641 "Under-the-cup fill" means a method of filling aerosol cans with propellant in which the
5642 propellant is introduced through the junction between the annular top of the can and the metal
5643 cup which holds the outlet tube and aerosol valve. Under-the-cup fill is a different method than
5644 through-the-valve fill.
5645

5646 (Source: Amended at 50 Ill. Reg. _____, effective
5647 _____)

5648

5649 **Section 211.6860 Uniform Finish Blender**

5650

5651 "Uniform finish blender" means a thinner or low solids clear solution used to melt overspray
5652 from a repaired area into the unrepaired color.

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5693

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.6870 Unregulated Safety Relief Valve

"Unregulated safety relief valve" means a safety relief valve which cannot be activated other than by high pressure in the pipe or vessel it protects.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.6880 Vacuum Metallizing

"Vacuum metallizing" means a process in which metal is vaporized and deposited on a substrate in a vacuum chamber.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.6885 Vacuum Metalizing Coating

"Vacuum metalizing coating" means:

- a) For 35 Ill. Adm. Code 218.204(q)(1) and (q)(2) and 219.204(q)(1) and (q)(2), the undercoat applied to the substrate on which the metal is deposited or the overcoat applied directly to the metal film.
- b) For 35 Ill. Adm. Code 218.204(q)(3) and (q)(4) and 219.204(q)(3) and (q)(4), the topcoat and basecoat used in a vacuum-metalizing operation.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.6910 Vacuum Service

"Vacuum service" means, for Subparts Q of 35 Ill. Adm. Code 215, 218, and 219, equipment or a component operating at an internal pressure at least 5 kPa (0.73 psia) below ambient pressure.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.6930 Valves Not Externally Regulated

"Valves not externally regulated" means valves, such as in-line check valves, that have no

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5694 provision for external adjustment or governance during their operation.

5695

5696 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5697

5698 **Section 211.6950 Vapor Balance System**

5699

5700 "Vapor balance system" means any combination of pipes or hoses which creates a closed system
5701 between the vapor spaces of an unloading tank and a receiving tank so that vapors displaced
5702 from the receiving tank are transferred to the tank being unloaded.

5703

5704 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5705

5706 **Section 211.6970 Vapor Collection System**

5707

5708 "Vapor collection system" means all piping, seals, hoses, connections, pressure-vacuum vents,
5709 and other components between the gasoline delivery vessel or marine vessel and the vapor
5710 processing unit, the storage tanks, or both.

5711

5712 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5713

5714

5715 **Section 211.6990 Vapor Control System**

5716

5717 "Vapor control system" means any system that limits or prevents release to the atmosphere of
5718 organic material in the vapors displaced from a tank or marine vessel during the transfer of
5719 gasoline or other VOL.

5720

5721 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5722

5723 **Section 211.7010 Vapor-Mounted Primary Seal**

5724

5725 "Vapor-mounted primary seal" means a primary seal mounted with an air space bounded by the
5726 bottom of the primary seal, the tank wall, the liquid surface, and the floating roof.

5727

5728 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5729

5730 **Section 211.7030 Vapor Recovery System**

5731

5732 "Vapor recovery system" means, for a storage tank storing VOL, a vapor gathering system
5733 capable of collecting all VOM vapors and gases discharged from the storage tank and a vapor
5734 disposal system capable of processing these VOM vapors and gases to prevent their emission to

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5735 the atmosphere.

5736

5737 (Source: Amended at 50 Ill. Reg. _____, effective
5738 _____)

5739

5740 **Section 211.7070 Vinyl Coating**

5741

5742 "Vinyl coating" means any protective, decorative, or functional coating or ink applied to vinyl or
5743 urethane or vinyl- or urethane-coated fabric delivered to a coating line or printing line as a roll,
5744 unwound, and coated as a continuous substrate. This definition does not include a plastisol.

5745

5746 (Source: Amended at 50 Ill. Reg. _____, effective
5747 _____)

5748

5749 **Section 211.7090 Vinyl Coating Line**

5750

5751 "Vinyl coating line" means a coating line in which any protective, decorative, or functional
5752 coating or ink is applied onto vinyl or urethane or vinyl- or urethane-coated fabric delivered to a
5753 coating line or printing line as a roll, unwound, and coated as a continuous substrate. This
5754 definition does not include application of a plastisol to vinyl or urethane or vinyl- or
5755 urethane-coated fabric.

5756

5757 (Source: Amended at 50 Ill. Reg. _____, effective
5758 _____)

5759

5760 **Section 211.7110 Volatile Organic Liquid (VOL)**

5761

5762 "Volatile organic liquid (VOL)" means any substance which is liquid at storage conditions and
5763 contains VOM.

5764

5765 (Source: Amended at 50 Ill. Reg. _____, effective
5766 _____)

5767

5768 **Section 211.7130 Volatile Organic Material Content (VOMC)**

5769

5770 "Volatile organic material content (VOMC)" means, for 35 Ill. Adm. Code 215, the emissions of
5771 VOM which would result from exposing a coating, printing ink, fountain solution, tire spray, dry
5772 cleaning waste, or other similar material to the air, including any drying or curing, without any
5773 control equipment. VOMC is typically expressed as kilogram (kg) VOM/liter (lb VOM/gallon)
5774 of coating or coating solids, or kg VOM/kg (lb VOM/lb) of coating solids, coating, or material.

5775

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5776 (Source: Amended at 50 Ill. Reg. ~~_____~~ _____, effective
5777 _____
5778)

Section 211.7150 Volatile Organic Material (VOM) or Volatile Organic Compound (VOC)

5781 "Volatile organic material" ("~~VOM~~") or "volatile organic compound" ("~~VOC~~") means any
5782 compound of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic
5783 carbides or carbonates, and ammonium carbonate, that participates in atmospheric
5784 photochemical reactions.
5785

- 5786 ~~a)~~ a) This definition of VOM includes any organic compound that participates in
5787 atmospheric photochemical reactions, other than the compounds listed in this
5788 subsection (a). USEPA has determined that the compounds listed in this
5789 subsection (a) have negligible photochemical reactivity.
5790

5791 2-Amino-2-methylpropan-~~1-01~~1-01 (CAS No. 124-68-5)

5792 Bis(difluoromethoxy)difluoromethane (HFE-235ca12, CAS No.
5793 78522-47-1)

5794 1,2-Bis(difluoromethoxy)-1,1,2,2-tetrafluoroethane
5795 (HFE-338pcc13, CAS No. 188690-78-0)

5796 tertiary-Butyl acetate (1,1-dimethylethyl acetic acid ester, CAS No. ~~540-~~
5797 ~~88-540-88-5~~)

5798 1-Chloro-1,1-difluoroethane (HCFC-142b, CAS No. 75-68-3)

5799 Chlorodifluoromethane (CFC-22, CAS No. 75-45-6)

5800 1-Chloro-1-fluoroethane (HCFC-151a, CAS No. 1615-75-4)

5801 Chlorofluoromethane (HCFC-31, CAS No. 593-70-4)

5802 Chloropentafluoroethane (CFC-115, CAS No. 76-15-3)

5803 2-Chloro-1,1,1,2-tetrafluoroethane (HCFC-124, CAS No. 2837-89-0)

5804 1-Chloro-4-(trifluoromethyl)-benzene (parachlorobenzotrifluoride
5805 (PCBTF), CAS No. 98-56-6)

5806 (1E)-1-Chloro-3,3,3-trifluoroprop-1-ene

5807 (trans-1-chloro-3,3,3-trifluoroprop-1-ene, CAS No. 102687-65-0)

5808 1,1,1,2,2,3,4,5,5,5-Decafluoro-3-methoxy-4-trifluoromethylpentane
5809 (HFE-7300, CAS No. 132182-92-4)

5810 1,1,1,2,3,4,4,5,5,5-Decafluoropentane (HFC-4310mee, CAS No.
5811 138495-42-8)

5812 Dichlorodifluoromethane (CFC-12, CAS No. 75-71-8)

5813 1,1-Dichloro-1-fluoroethane (HCFC-141b, CAS No. 1717-00-6)

5814 Dichloromethane (methylene chloride, CAS No. 75-09-2)

5815 1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb, CAS No. ~~507-~~
5816 ~~55-1507-55-1~~)

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- 5817 3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca, CAS No.
5818 422-56-0)
- 5819 1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC-114, CAS No. 76-14-2)
- 5820 1,1-Dichloro-2,2,2-trifluoroethane (HCFC-123, CAS No. 306-83-2)
- 5821 1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a, CAS No. 354-23-4)
- 5822 1,1-Difluoroethane (HFC-152a, CAS No. 75-37-6)
- 5823 Difluoromethane (HFC-32, CAS No. 75-10-5)
- 5824 (Difluoromethoxy)difluoromethane (HFE-134, CAS No. 1691-17-4)
- 5825 1-(Difluoromethoxy)-2-[(difluoromethoxy)(difluoro)methoxy]-1,1,2,2-tetra
5826 fluoroethane (HFE-43-10pccc124, CAS No. 188690-77-9)
- 5827 2-(Difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoropropane (CAS No.
5828 ~~163702-06-5~~[163702-08-7](#))
- 5829 Dimethyl carbonate (CAS No. 616-38-6)
- 5830 Ethane (CAS No. 74-84-0)
- 5831 2-(Ethoxydifluoromethyl)-1,1,1,2,3,3,3-heptafluoropropane (CAS No.
5832 163702-06-5)
- 5833 3-Ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl)hexane
5834 (HFE-7500, CAS No. 297730-93-9)
- 5835 1-Ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane (HFE-7200, CAS No.
5836 163702-05-4)
- 5837 Fluoroethane (ethyl fluoride, HFC-161, CAS No. 353-36-6)
- 5838 1,1,1,2,2,3,3-Heptafluoro-3-methoxypropane (HFE-7000, CAS No.
5839 375-03-1)
- 5840 1,1,1,2,3,3,3-Heptafluoropropane (HFC-227ea, CAS No. 431-89-0)
- 5841 (Z)-1,1,1,4,4,4-Hexafluorobut-2-ene (HFO-1336mzz-Z, CAS No. ~~692-49-~~
5842 ~~9692-49-9~~[9692-49-9](#))
- 5843 1,1,1,2,3,3-Hexafluoropropane (HFC-236ea, CAS No. 431-63-0)
- 5844 1,1,1,3,3,3-Hexafluoropropane (HFC-236fa, CAS No. 690-39-1)
- 5845 Methane (CAS No. 74-82-8)
- 5846 Methyl acetate (methyl ethanoate, CAS No. 79-20-9)
- 5847 4-Methyl-1,3-dioxolan-2-one (propylene carbonate, CAS No. 108-32-7)
- 5848 Methyl formate (methyl methanoate, CAS No. 107-31-3)
- 5849 1,1,1,2,2,3,3,4,4-Nonafluoro-4-methoxybutane (HFE-7100, CAS No.
5850 163702-07-6)
- 5851 1,1,1,3,3-Pentafluorobutane (HFC-365mfc, CAS No. 406-58-6)
- 5852 Pentafluoroethane (HFC-125, CAS No. 354-33-6)
- 5853 1,1,1,2,3-Pentafluoropropane (HFC-245eb, CAS No. 431-31-2)
- 5854 1,1,1,3,3-Pentafluoropropane (HFC-245fa, CAS No. 460-73-1)
- 5855 1,1,2,2,3-Pentafluoropropane (HFC-245ca, CAS No. 679-86-7)
- 5856 1,1,2,3,3-Pentafluoropropane (HFC-245ea, CAS No. 24270-66-4)
- 5857 Perfluorocarbon compounds that fall into the following classes:

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- 5858 Cyclic, branched, or linear, completely fluorinated alkanes
5859 Cyclic, branched, or linear, completely fluorinated ethers with no
5860 unsaturations
5861 Cyclic, branched, or linear, completely fluorinated tertiary amines
5862 with no unsaturations
5863 Sulfur-containing perfluorocarbons with no unsaturations and with
5864 sulfur bonds only to carbon and fluorine
5865 Propan-2-one (acetone or dimethylketone, CAS No. 67-64-1)
5866 Siloxanes: cyclic, branched, or linear completely-methylated
5867 Tetrachloroethene (perchloroethylene, CAS No. 127-18-4)
5868 1,1,1,2-Tetrafluoroethane (HFC-134a, CAS No. 811-97-2)
5869 1,1,2,2-Tetrafluoroethane (HFC-134, CAS No. 359-35-3)
5870 (1E)-1,3,3,3-Tetrafluoropropene (trans-1,3,3,3-tetrafluoropropene,
5871 (HFO-1234ze, CAS No. 29118-24-9)
5872 2,3,3,3-Tetrafluoroprop-1-ene (HFO-1234yf, CAS No. 754-12-1)
5873 1,1,2,2-tetrafluoro-1-(2,2,2-trifluoroethoxy)ethane (HFE-347pcf2, CAS
5874 No. 406-78-0)
5875 Trans-1,1,1,4,4,4-hexafluorobut-2-ene (also known as
5876 HFO-1336mzz(E); CAS number 66711-86-2))
5877 1,1,1-Trichloroethane (methyl chloroform, CAS No. 71-55-6)
5878 Trichlorofluoromethane (CFC-11, CAS No. 75-69-4)
5879 1,1,2-Trichloro-1,2,2-trifluoroethane (CFC-113, CAS No. 76-13-1)
5880 1,1,1-Trifluoroethane (HFC-143a, CAS No. 420-46-2)
5881 Trifluoromethane (HFC-23, CAS No. 75-46-7)
5882
5883 ~~b)~~b) To determine VOM emissions and compliance with emissions limits, VOM must
5884 be measured by the test methods in the approved implementation plan or 40 CFR
5885 60 Appendix A, incorporated by reference at 35 Ill. Adm. Code 215.105, 218.112,
5886 and 219.112, as applicable, or by source-specific test methods established under a
5887 permit issued under a program approved or promulgated under Title V of the
5888 Clean Air Act; under 35 Ill. Adm. Code 203; or under Section 9.1(d) of the Act.
5889 If that method also measures compounds with negligible photochemical
5890 reactivity, these negligibly reactive compounds may be excluded as VOM if the
5891 amount of those compounds is accurately quantified and the Agency approves the
5892 exclusion.
5893
5894 ~~e)~~c) As a precondition to excluding these negligibly reactive compounds as VOM, or
5895 at any time after exclusion, the Agency may require an owner or operator to
5896 provide monitoring or testing methods and results demonstrating, to the
5897 satisfaction of the Agency, the amount of negligibly reactive compounds in the
5898 source's emissions.

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~~d) d)~~ USEPA will not be bound by any State determination of appropriate methods for testing or monitoring negligibly reactive compounds if the determination is not any of the test methods in subsection (b).

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.7170 Volatile Petroleum Liquid

"Volatile petroleum liquid" means any petroleum liquid with a true vapor pressure greater than 1.5 psia (78 mm of mercury) at standard conditions.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.7190 Wash Coat

"Wash coat" means a coating containing binders which seals wood surfaces, prevents undesired staining, and controls penetration.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.7200 Washoff Operations

"Washoff operations" means operations in which organic solvent is used to remove coating from a substrate.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.7210 Wastewater (Oil/Water) Separator

"Wastewater (oil/water) separator" means any device or piece of equipment which uses the difference in density between oil and water to remove oil and associated chemicals from water, or any device such as a flocculation tank or a clarifier which removes petroleum-derived compounds from waste water.

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.7220 Waterproof Resorcinol Glue

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5940

5941 "Waterproof resorcinol glue" means, for 35 Ill. Adm. Code 218 and 219, a two-part resorcinol
5942 resin-based adhesive designed for applications where the bond line must be resistant to
5943 conditions of continuous immersion in fresh or salt water.

5944

5945 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5946

5947 **Section 211.7230 Weak Nitric Acid Manufacturing Process**

5948

5949 "Weak nitric acid manufacturing process" means any acid-producing facility manufacturing
5950 nitric acid with a concentration of less than 70% by weight.

5951

5952 (Source: Amended at 50 Ill. Reg. _____, effective

5953

5954

5955 **Section 211.7240 Weatherstrip Adhesive**

5956

5957 "Weatherstrip adhesive" means, for Subparts F of 35 Ill. Adm. Code 218 and 219, an adhesive
5958 used at an automobile or light-duty truck assembly coating facility applied to weatherstripping
5959 materials to bond the weatherstrip material to the surface of the vehicle.

5960

5961 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5962

5963 **Section 211.7270 Wholesale Purchase - Consumer**

5964

5965 "Wholesale purchase - consumer" means any person or organization that purchases or obtains
5966 gasoline from a supplier for ultimate consumption or use in motor vehicles and receives delivery
5967 of gasoline into a storage tank with a capacity of at least 2,082 l (550 gal) owned and controlled
5968 by that person.

5969

5970 (Source: Amended at 50 Ill. Reg. _____, effective

5971

5972

5973 **Section 211.7290 Wood Furniture**

5974

5975 "Wood furniture" means room furnishings, including cabinets (kitchen, bath, and vanity), tables,
5976 chairs, beds, sofas, shutters, art objects, wood paneling other than flat wood paneling, wood
5977 flooring, and any other coated furnishings made of wood, wood composition, or fabricated wood
5978 materials.

5979

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5980 (Source: Amended at 50 Ill. Reg. , effective
5981)
5982

Section 211.7310 Wood Furniture Coating

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5984
5985 "Wood furniture coating" means any protective, decorative, or functional coating applied to
5986 wood furniture or wood furniture parts.
5987

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.7330 Wood Furniture Coating Line

5991
5992 "Wood furniture coating line" means a coating line in which any protective, decorative, or
5993 functional coating is applied to wood furniture or wood furniture parts.
5994

(Source: Amended at 50 Ill. Reg. , effective)

Section 211.7350 Woodworking

5997
5998
5999 "Woodworking" means the shaping, sawing, grinding, smoothing, polishing, and making into
6000 products of any form or shape of wood.
6001

(Source: Amended at 50 Ill. Reg. , effective
6002)
6003
6004

Section 211.APPENDIX A Rule into Section Table (Repealed)



6007
6008
6009 (Source: Repealed at 50 Ill. Reg. , effective
6010)
6011

Section 211.APPENDIX B Section into Rule Table (Repealed)



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(Source: Repealed at 50 Ill. Reg. _____, effective
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Summary report:	
Litera Compare for Word 11.8.0.56 Document comparison done on 3/24/2026 12:32:53 PM	
Style name: Quotes	
Intelligent Table Comparison: Active	
Original filename: 35-211RG-P Agency 3.19.26.docx	
Modified filename: 35-211RG-P JCAR 3.19.26.docx	
Changes:	
<u>Add</u>	973
Delete	984
Move From	0
<u>Move To</u>	0
<u>Table Insert</u>	4
Table Delete	4
<u>Table moves to</u>	0
Table moves from	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	0
Embedded Excel	0
Format changes	0
Total Changes:	1965

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TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER c: EMISSION STANDARDS AND LIMITATIONS
FOR STATIONARY SOURCES

PART 212
VISIBLE AND PARTICULATE MATTER EMISSIONS

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212.100	Scope and Organization
212.107	Measurement Method for Visible Emissions
212.108	Measurement Methods for PM ₁₀ Emissions and Condensable PM ₁₀ Emissions
212.109	Measurement Methods for Opacity
212.110	Measurement Methods for Particulate Matter
212.111	Abbreviations and Units
212.112	Definitions
212.113	Incorporations by Reference

SUBPART B: VISIBLE EMISSIONS

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212.121	Opacity Standards (Repealed)
212.122	Visible Emissions Limitations for Certain Emission Units For Which Construction or Modification Commenced On or After April 14, 1972
212.123	Visible Emissions Limitations for All Other Emission Units
212.124	Exceptions
212.125	Determination of Violations
212.126	Adjusted Opacity Standards Procedures

SUBPART D: PARTICULATE MATTER EMISSIONS FROM INCINERATORS

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212.181	Limitations for Incinerators
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212.185 Continuous Automatic Stoking Animal Pathological Waste Incinerators

SUBPART E: PARTICULATE MATTER EMISSIONS
FROM FUEL COMBUSTION EMISSION UNITS

Section

- 212.201 Emission Units For Which Construction or Modification Commenced Prior to April 14, 1972, Using Only Solid Fuel and Located in the Chicago Area
- 212.202 Emission Units For Which Construction or Modification Commenced Prior to April 14, 1972, Using Only Solid Fuel and Located Outside the Chicago Area
- 212.203 Controlled Emission Units For Which Construction or Modification Commenced Before April 14, 1972, Using Only Solid Fuel
- 212.204 Emission Units For Which Construction or Modification Commenced On or After April 14, 1972, Using Only Solid Fuel
- 212.205 Coal-fired Industrial Boilers For Which Construction or Modification Commenced Before April 14, 1972, Equipped with Flue Gas Desulfurization Systems
- 212.206 Emission Units Using Only Liquid Fuel
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- 212.209 Village of Winnetka Generating Station (Repealed)
- 212.210 Emissions Limitations for Certain Fuel Combustion Emission Units Located in the Vicinity of Granite City

SUBPART K: FUGITIVE PARTICULATE MATTER

Section

- 212.301 Fugitive Particulate Matter
- 212.302 Geographical Areas of Application
- 212.304 Storage Piles
- 212.305 Conveyor Loading Operations
- 212.306 Traffic Areas
- 212.307 Materials Collected by Pollution Control Equipment
- 212.308 Spraying or Choke-Feeding Required
- 212.309 Operating Program
- 212.310 Minimum Operating Program
- 212.312 Amendment to Operating Program
- 212.313 Emission Standard for Particulate Collection Equipment

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- 212.314 Exception for Excess Wind Speed
- 212.315 Covering for Vehicles
- 212.316 Emissions Limitations for Emission Units in Certain Areas

SUBPART L: PARTICULATE MATTER EMISSIONS
FROM PROCESS EMISSION UNITS

Section

- 212.321 Process Emission Units For Which Construction or Modification Commenced On or After April 14, 1972
- 212.322 Process Emission Units For Which Construction or Modification Commenced Before April 14, 1972
- 212.323 Stock Piles
- 212.324 Process Emission Units in Certain Areas

SUBPART N: FOOD MANUFACTURING

Section

- 212.361 Corn Wet Milling Processes
- 212.362 Emission Units in Certain Areas

SUBPART O: PETROLEUM REFINING,
PETROCHEMICAL, AND CHEMICAL MANUFACTURING

Section

- 212.381 Catalyst Regenerators of Fluidized Catalytic Converters

SUBPART Q: STONE, CLAY, GLASS, AND
CONCRETE MANUFACTURING

Section

- 212.421 Portland Cement Processes For Which Construction or Modification Commenced On or After April 14, 1972
- 212.422 Portland Cement Manufacturing Processes
- 212.423 Emission Limits for the Portland Cement Manufacturing Plant Located in LaSalle County, South of the Illinois River (Repealed)
- 212.424 Fugitive Particulate Matter Control for the Portland Cement Manufacturing Plant and Associated Quarry Operations Located in LaSalle County, South of the Illinois River (Repealed)

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212.425 Emission Units in Certain Areas

SUBPART R: PRIMARY AND FABRICATED METAL
PRODUCTS AND MACHINERY MANUFACTURE

Section

212.441 Steel Manufacturing Processes
212.442 Beehive Coke Ovens
212.443 Coke Plants
212.444 Sinter Processes
212.445 Blast Furnace Cast Houses
212.446 Basic Oxygen Furnaces
212.447 Hot Metal Desulfurization Not Located in the BOF
212.448 Electric Arc Furnaces
212.449 Argon-Oxygen Decarburization Vessels
212.450 Liquid Steel Charging
212.451 Hot Scarfing Machines
212.452 Measurement Methods
212.455 Highlines on Steel Mills
212.456 Certain Small Foundries
212.457 Certain Small Iron-Melting Air Furnaces
212.458 Emission Units in Certain Areas

SUBPART S: AGRICULTURE

Section

212.461 Grain-Handling and Drying in General
212.462 Grain-Handling Operations
212.463 Grain Drying Operations
212.464 Sources in Certain Areas

SUBPART T: CONSTRUCTION AND WOOD PRODUCTS

Section

212.681 Grinding, Woodworking, Sandblasting, and Shotblasting

SUBPART U: ADDITIONAL CONTROL MEASURES

Section

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- 212.700 Applicability
- 212.701 Contingency Measure Plans, Submittal, and Compliance Date
- 212.702 Determination of Contributing Sources
- 212.703 Contingency Measure Plan Elements
- 212.704 Implementation
- 212.705 Alternative Implementation

- 212.APPENDIX A Rule into Section Table (Repealed)
- 212.APPENDIX B Section into Rule Table (Repealed)
- 212.APPENDIX C Past Compliance Dates (Repealed)
- 212.ILLUSTRATION A Allowable Emissions ~~From~~ Solid Fuel Combustion Emission Sources Outside Chicago (Repealed)
- 212.ILLUSTRATION B Limitations for all New Process Emission Sources (Repealed)
- 212. ILLUSTRATION C Limitations for all Existing Process Emission Sources (Repealed)
- 212. ILLUSTRATION D McCook Vicinity Map
- 212. ILLUSTRATION E Lake Calumet Vicinity Map
- 212. ILLUSTRATION F Granite City Vicinity Map

AUTHORITY: Implementing Section 10 and authorized by ~~Section~~ Sections 27 and 28.5 of the Environmental Protection Act [415 ILCS 5/10, 27 and 28.5].

SOURCE: Adopted as Chapter 2: Air Pollution, Rules 202 and 203: Visual and Particulate Emission Standards and Limitations, R71-23, 4 PCB 191, filed and effective April 14, 1972; amended in R77-15, 32 PCB 403, at 3 Ill. Reg. 5, p. 798, effective February 3, 1979; amended in R78-10, 35 PCB 347, at 3 Ill. Reg. 39, p. 184, effective September 28, 1979; amended in R78-11, 35 PCB 505, at 3 Ill. Reg. 45, p. 100, effective October 26, 1979; amended in R78-9, 38 PCB 411, at 4 Ill. Reg. 24, p. 514, effective June 4, 1980; amended in R79-11, 43 PCB 481, at 5 Ill. Reg. 11590, effective October 19, 1981; codified at 7 Ill. Reg. 13591; amended in R82-1 (Docket A), at 10 Ill. Reg. 12637, effective July 9, 1986; amended in R85-33 at 10 Ill. Reg. 18030, effective October 7, 1986; amended in R84-48 at 11 Ill. Reg. 691, effective December 18, 1986; amended in R84-42 at 11 Ill. Reg. 1410, effective December 30, 1986; amended in R82-1 (Docket B) at 12 Ill. Reg. 12492, effective July 13, 1988; amended in R91-6 at 15 Ill. Reg. 15708, effective October 4, 1991; amended in R89-7(B) at 15 Ill. Reg. 17710, effective November 26, 1991; amended in R91-22 at 16 Ill. Reg. 7880, effective May 11, 1992; amended in R91-35 at 16 Ill. Reg. 8204, effective May 15, 1992; amended in R93-30 at 18 Ill. Reg. 11587, effective July 11, 1994; amended in R96-5 at 20 Ill. Reg. 7605, effective May 22, 1996; amended in R23-18 at 47 Ill. Reg. 12107, effective July 25, 2023; amended in R23-18(A) at 48 Ill. Reg. 13711, effective August 30, 2024; amended in R18-21 at 50 Ill. Reg. _____, effective _____.

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SUBPART A: GENERAL

Section 212.100 Scope and Organization

- ~~a)~~a) This Part contains standards and limitations for visible and particulate matter emissions from stationary emission units.
- b) Permits for sources subject to this Part may be required under 35 Ill. Adm. Code 201.
- c) Despite the provisions of this Part, the air quality standards in 35 Ill. Adm. Code 243 may not be violated.
- d) This Part includes the following Subparts:
- ~~1)~~1) Subpart A: General Provisions;
 - 2) Subpart B: Visible Emissions;
 - 3) Subparts C-J: Incinerators and Fuel Combustion Emission Units;
 - 4) Subparts K-M: Fugitive and Process Emission Units;
 - 5) Subparts N-T: Site-specific and industry-specific rules; and
 - 6) Subpart U: Additional control measures.

BOARD NOTE: While subsection (d) describes the organization of this Part, the rules themselves establish their applicability and effect.

(Source: Amended at 50 Ill. Reg. , effective)

Section 212.107 Measurement Method for Visible Emissions

For both fugitive and nonfugitive particulate matter emissions, determining the presence or absence of visible emissions from emission units must be conducted in compliance with Method 22, 40 CFR 60. Appendix A, incorporated by reference in Section 212.113, except that the length

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of the observing period is at the discretion of the observer but must not be less than one minute. This Subpart ~~does not~~ does not apply to Section 212.301.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.108 Measurement Methods for PM₁₀ Emissions and Condensable PM₁₀ Emissions

- a) Emissions of PM₁₀ must be measured by any of the following methods at the option of the owner or operator of an emission unit.
 - 1) Method 201, 40 CFR 51.Appendix M, incorporated by reference in Section 212.113.
 - 2) Method 201A, 40 CFR 51.Appendix M, incorporated by reference in Section 212.113.
 - 3) Method 5, 40 CFR 60.Appendix A, incorporated by reference in Section 212.113; however, all particulate matter measured by Method 5 must be considered to be PM₁₀.
- b) Emissions of condensable PM₁₀ must be measured by Method 202, 40 CFR 51.Appendix M, incorporated by reference in Section 212.113.
- c) The volumetric flow rate and gas velocity for stack test methods must be determined in compliance with Methods 1, 1A, 2, 2A, 2C, 2D, 3, or 4, 40 CFR 60.Appendix A, incorporated by reference in Section 212.113.
- d) After a written notification by the Illinois Environmental Protection Agency, the owner or operator of a PM₁₀ emission unit subject to this Section must conduct the applicable testing for PM₁₀ emissions, condensable PM₁₀ emissions, opacity, or visible emissions at the owner's or operator's own expense to demonstrate compliance. These test results must be submitted to the Agency within 30 days after conducting the test unless the Agency agrees to an alternative time to submit them.
- e) A person planning to conduct testing for PM₁₀ or condensable PM₁₀ emissions to demonstrate compliance must give written notice of that intent to the Agency at

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least 30 days before initiating the test, unless the Agency agrees to a shorter period to submit notice. The notification must state the specific test methods from subsection (a) that will be used.

- f) The owner or operator of an emission unit subject to this Section must retain records of all tests which are performed. These records must be retained for at least three years after the owner or operator performs a test.
- g) This Section does not affect the authority of the United States Environmental Protection Agency (USEPA) under Section 114 of the Clean Air Act (CAA) (42 U.S.C. § 7414 (1990)).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.109 Measurement Methods for Opacity

Except as otherwise provided in this Part, and except for the methods of data reduction when applied to Sections 212.122 and 212.123, measurements of opacity must be conducted in compliance with Method 9, 40 CFR 60.Appendix A, and the procedures in 40 CFR 60.675(c) and (d), if applicable, incorporated by reference in Section 212.113, except that roadways and parking areas require three readings taken at 5-second intervals for each vehicle pass. The first reading must be at the point of maximum opacity, and second and third readings must be made at the same point with the observer standing at right angles to the plume at least 15 feet away from the plume and observing four feet above the surface of the roadway or parking area. After four vehicles have passed, the 12 readings will be averaged.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.110 Measurement Methods for Particulate Matter

- a) Measurement of particulate matter emissions from stationary emission units subject to this Part must be conducted in compliance with 40 CFR 60.Appendix A, Methods 5, 5A, 5D, or 5E, incorporated by reference in Section 212.113.
- b) The volumetric flow rate and gas velocity must be determined in compliance with 40 CFR 60.Appendix A, Methods 1, 1A, 2, 2A, 2C, 2D, 3, and 4, incorporated by reference in Section 212.113.

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- c) After written notification by the Agency, the owner or operator of a particulate matter emission unit subject to this Part must conduct the applicable testing for particulate matter emissions, opacity, or visible emissions at the owner's or operator's own expense to demonstrate compliance. The test results must be submitted to the Agency within 30 days after conducting the test unless the Agency agrees to an alternative time to submit them.
- d) A person planning to conduct testing for particulate matter emissions to demonstrate compliance must give written notice of that intent to the Agency at least 30 days before initiating the test unless the Agency agrees to a shorter period to submit notice. This notification must state the specific test methods from this Section that will be used.
- e) The owner or operator of an emission unit subject to this Part must retain records of all tests which are performed for at least three years after the date the owner or operator performs a test.
- f) This Section does not affect the authority of the USEPA under Section 114 of the CAA.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.111 Abbreviations and Units

- a) This Part uses the following abbreviations:

btu	British thermal units (60¼ °F)
dscf	dry standard cubic foot
ft	foot
ft²	square feet
fpm	feet per minute
gal	gallon
gr	grains
gr/scf	grains per standard cubic foot
gr/dscf	grains per dry standard cubic foot
hr	hour
J	Joule

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kg	kilogram
kg/ MW-hr <u>MW-hr</u>	kilograms per megawatt-hour
km	kilometer
L or l or ℓ	liter
lbs	pounds
lbs/hr	pounds per hour
lbs/MMbtu	pounds per million btu
m	meter
m ²	square meters
mph	miles per hour
mg	milligram
mg/scm	milligrams per standard cubic meter
mg/dscm	milligrams per dry standard cubic meter
mg/L	milligrams per liter
Mg	megagram, metric ton or tonne
mi	mile
MMbtu	million British thermal units
MMbtu/hr	million British thermal units per hour
MW	megawatt; one million watts
MW-hr <u>MW-hr</u>	megawatt-hour
ng	nanogram; one billionth of a gram
ng/J	nanograms per Joule
scf	standard cubic foot
scfm	standard cubic feet per minute
scm	standard cubic meter
T	short ton (2000 lbs)
yd ²	square yards


b) This Part uses the following conversion factors:

English	Metric
2.205 lb	1 kg
1 T	0.907 Mg
1 lb/T	0.500 kg/Mg
MMbtu/hr	0.293 MW
1 lb/MMbtu	1.548 kg/ MW-hr <u>MW-hr</u> or 430 ng/J
1 mi	1.61 km

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	1 gr	64.81 mg
	1 gr/scf	2,289 mg/scm
	1 ft ²	0.0929 m ²
	1 ft	0.3048 m
	1 gal	3.785 L

(Source: Amended at 50 Ill. Reg. , effective)

Section 212.113 Incorporations by Reference

The following materials are incorporated by reference. These incorporations do not include any later amendments or editions.

- a) 40 CFR 60 (2024):
 - 1) Appendix A-1
 - ~~A)~~A) Method 1: Sample and Velocity Traverses for Stationary Sources;
 - B) Method 1A: Sample and Velocity Traverses for Stationary Sources with Small Stacks or Ducts;
 - C) Method 2: Determination of Stack Gas Velocity and Volumetric Flow Rate (Type S pitot tube);
 - D) Method 2A: Direct Measurement of Gas Volume Through Pipes and Small Ducts;
 - E) Method 2C: Determination of Gas Velocity and Volumetric Flow Rate in Small Stacks or Ducts (Standard Pitot Tube);
 - F) Method 2D: Measurement of Gas Volume Flow Rates in Small Pipes and Ducts;
 - 2) Appendix A-2. Method 3: Gas Analysis for Determination of Dry Molecular Weight;
 - 3) Appendix A-3

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- ~~A)~~A) Method 4: Determination of Moisture Content in Stack Gases;
- B) Method 5: Determination of Particulate Emissions From Stationary Sources;
- C) Method 5A: Determination of Particulate Emissions From the Asphalt Processing and Asphalt Roofing Industry;
- D) Method 5D: Determination of Particulate Matter Emissions From Positive Pressure Fabric Filters;
- E) Method 5E: Determination of Particulate Emissions From the Wool Fiberglass Insulation Manufacturing Industry;
- 4) Appendix A-4. Method 9: Visual Determination of the Opacity of Emissions from Stationary Sources;
- 5) Appendix A-7. Method 22: Visual Determination of Fugitive Emissions from Material Sources and Smoke Emissions from Flares.
- b) 40 CFR 51. Appendix M (2024):
 - 1) Method 201: Determination of PM₁₀ Emissions (Exhaust Gas Recycle Procedure);
 - 2) Method 201A: Determination of PM₁₀ and PM_{2.5} Emissions from Stationary Sources (Constant Sampling Rate Procedure);
 - 3) Method 202: Dry Impinger Method for Determining Condensable Particulate Emissions from Stationary Sources.
- c) 40 CFR 60.672(b), (c), (d) and (e) (2024).
- d) 40 CFR 60.675(c) and (d) (2024).
- e) ASAE Standard S248.3-MAR1976 (R2020), Construction and Rating of Equipment for Drying Farm Crops, American Society of Agricultural Engineers, 2950 Niles Road, St. Joseph, MI 49085.

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- f) U.S. Sieve Series, ASTM-E11-24 Standard Specification for Woven Wire Test Sieve Cloth and Test Sieves, American Society of Testing Materials, 1916 Race Street, Philadelphia, PA 19103.
- g) Standard Methods for the Examination of Water and Wastewater, Section 2540C, Total Dissolved Solids Dried at 180 °C, 24th Edition, 2020, American Public Health Association, 1015 Fifteenth Street, N.W., Washington, D.C. 20005.
- h) "Guideline on the Identification and Use of Air Quality Data Affected by Exceptional Events," U.S. Environmental Protection Agency, Office of Air and Radiation, Office of Air Quality Planning and Standards Monitoring and Data Analysis Division, Research Triangle Park, N.C. 27711, EPA-450/4-86-007 July 1986.
- i) "Guideline on Air Quality Models (Revised)," U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, Research Triangle Park, N.C. 27711, EPA-450/2-78-027R July 1986.
- j) 40 CFR 50, Appendix K (2024), "Interpretation of the National Ambient Air Quality Standards for Particulate Matter".

(Source: Amended at 50 Ill. Reg. _____, effective
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SUBPART B: VISIBLE EMISSIONS

Section 212.122 Visible Emissions Limitations for Certain Emission Units For Which Construction or Modification Commenced On or After April 14, 1972

- a) A person must not cause or allow the emission of smoke or other particulate matter with an opacity greater than 20% into the atmosphere from any fuel combustion emission unit with actual heat input greater than 73.2 MW (250 MMbtu/hr) for which construction or modification commenced on or after April 14, 1972.
- b) The emissions of smoke or other particulate matter from these emission units may have an opacity greater than 20% but not greater than 40% for a period or periods aggregating three minutes in any 60-minute period, if opaque emissions emission

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permitted during any 60-minute period occur from only one emission unit located within a 305 m (1,000 ft) radius from the center point of any other emission unit owned or operated by that person and if opaque emissions permitted from each fuel combustion emission unit are limited to three times in any 24-hour period.

(Source: Amended at 50 Ill. Reg. , effective)

Section 212.123 Visible Emissions Limitations for All Other Emission Units

- a) A person must not cause or allow the emission of smoke or other particulate matter with an opacity greater than 30% into the atmosphere from any emission unit other than those subject to Section 212.122.
- b) The emission of smoke or other particulate matter from these emission units may have an opacity greater than 30% but not greater than 60% for a period or periods aggregating eight minutes in any 60-minute period if opaque emissions permitted during any 60-minute period occur from only one emission unit located within a 305 m (1,000 ft) radius from the center point of any other emission unit owned or operated by that person and if opaque emissions permitted from each emission unit are limited to three times in any 24-hour period.

(Source: Amended at 50 Ill. Reg. , effective)

Section 212.124 Exceptions

- a) Sections 212.122 and 212.123 do not apply to emissions of water or water vapor from an emission unit.
- b) An emission unit that has obtained an adjusted opacity standard in compliance with Section 212.126 is subject to that standard rather than the limitations of Section 212.122 or 212.123.
- c) Compliance with Particulate EmissionEmissions Limitations as a Defense.
 - 1) For all emission units that are not subject to Section 111 or 112 of the CAA and Section 212.201, 212.202, 212.203, or 212.204 but are subject to Section 212.122 or 212.123, the opacity limitations of Sections 212.122

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and 212.123 do not apply if it is shown that the emission unit was at the time of emission in compliance with the applicable particulate emissions limitations of Subparts D through T.

- 2) For all emission units that are not subject to Section 111 or 112 of the CAA but are subject to Section 212.201, 212.202, 212.203, or 212.204:
 - A) Exceeding the limitations of Section 212.122 or 212.123 constitutes a violation of the applicable particulate limitations of Subparts D through T. It is a defense to a violation of the applicable particulate limitations if, during a subsequent performance test conducted within a reasonable time not to exceed 60 days, under the same operating conditions for the unit and the control devices and in compliance with 40 CFR 60, Method 5, incorporated by reference in Section 212.113, the owner or operator shows that the emission unit is complying with the particulate emission limitations.
 - B) It is a defense to exceeding the opacity limit if, during a subsequent performance test conducted within a reasonable time not to exceed 60 days, under the same operating conditions of the emission unit and the control devices, and in compliance with Method 5, 40 CFR 60. Appendix A, incorporated by reference in Section 212.113, the owner or operator shows that the emission unit is complying with the allowable particulate emissions limitation while simultaneously having visible emissions equal to or greater than the opacity exceedance as originally observed.
- d) During startup of coal-fired boiler 1 or 2 at the Baldwin Energy Complex, coal-fired boiler 1 or 2 at the Kincaid Power Station, coal-fired boiler 1 at Newton Power Station, or coal-fired boiler 51, 52, 61, or 62 at the Powerton Generating Station, or malfunction or breakdown of these boilers or the air pollution control equipment serving these boilers, when a six-minute average opacity exceeds the applicable limitation in Section 212.122(a) or 212.123(a), compliance with the limitation may alternatively be demonstrated as follows:

~~1)~~ 1) Alternative Averaging Period.

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~~A)~~A) For Baldwin Energy Complex coal-fired boilers 1 and 2, compliance for that six-minute period may be determined based on opacity readings averaged over a period of up to one hour beginning with the six-minute period exceeding the applicable standard.

~~B)~~B) For Kincaid Power Station coal-fired boilers 1 and 2, Newton Power Station coal-fired boiler 1, and Powerton Generating Station coal-fired boilers 51, 52, 61, and 62, compliance for that six-minute period may be determined based on opacity readings averaged over a period of up to three hours beginning with the six-minute period exceeding the applicable standard.

~~2)~~2) Recordkeeping and Reporting.

~~A)~~A) Any owner or operator complying with the alternative averaging period in subsection (d)(1) must maintain records of these average opacity calculations and report these calculations to the Agency as part of the next quarterly excess emissions report for the source.

~~B)~~B) For each startup, the report must include:

~~i)~~i) The date, time, and duration of the startup.

~~ii)~~ii) A description of the startup.

~~iii)~~iii) The reasons for the startup.

~~iv)~~iv) An indication of whether written startup procedures were followed. If any were not, the report must describe all departures from established procedures and all reasons the procedures could not be followed.

~~v)~~v) A description of all actions taken to minimize the magnitude or duration of opacity requiring the use of the alternative averaging period in subsection (d)(1).

~~vi)~~vi) An explanation of whether similar incidents could be prevented in the future and, if so, a description of the

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actions taken or to be taken to prevent similar incidents in the future.

~~vii~~-vii) Confirmation that the requirements of subsection (d)(3) have been fulfilled.

~~C~~-C) For each malfunction and breakdown, the report must include:

~~i~~-i) The date, time, and duration (i.e., the length of time during which operation continued with opacity exceeding the applicable limitation in Section 212.122(a) or 212.123(a) on a six-minute average basis) until corrective actions were taken or the boiler was taken out of service.

~~ii~~-ii) A description of the incident.

~~iii~~-iii) Any corrective actions used to reduce the magnitude or duration of opacity requiring the use of the alternative averaging period in subsection (d)(1).

~~iv~~-iv) Confirmation that the requirements of subsections (d)(2)(D) and (d)(3) have been fulfilled.

~~D~~-D) Any person who causes or allows the continued operation of a coal-fired boiler during a malfunction or breakdown of the coal-fired boiler or related air pollution control equipment when that continued operation would require compliance with the alternative averaging period in subsection (d)(1) must immediately report the incident to the Agency by telephone at 217-782-3397 and as otherwise provided in the operating permit. After that, this person must comply with all lawful directives of the Agency regarding the incident.

~~3~~-3) Work Practices. Any person relying on the alternative averaging period in subsection (d)(1) must comply with the following work practices:

~~A~~-A) Operate the coal-fired boiler and related air pollution control equipment in a manner consistent with good engineering practice for minimizing opacity during startup, malfunction, or breakdown.

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~~B)~~B) Use good engineering practices and best efforts to minimize the frequency and duration of operation in startup, malfunction, and breakdown.

- e) During startup of the emission unit designated Kiln 1 or Kiln 2 at the petroleum coke calcining facility located in Robinson, Illinois, when average opacity exceeds 30% for a six-minute period, under Section 212.123(a), compliance with Section 212.123(a) may alternatively be determined based on the average of opacity readings taken during a one-hour period using Test Method 9 (40 CFR 60.Appendix A-4, incorporated by reference in Section 212.113). However, compliance may be based on the average of up to three one-hour average periods if compliance is not demonstrated during the preceding hours. For this subsection (e), "startup" means the time from when green coke feed is introduced into the kiln until the temperature at the pyroscrubber inlet servicing the kiln achieves a minimum operating temperature of 1800 °F (based on a three-hour rolling average).
- f) Section 212.123 does not apply to emission units subject to 35 Ill. Adm. Code 217.381(a).

(Source: Amended at 50 Ill. Reg. , effective)

Section 212.125 Determination of Violations

Violations of Sections 212.122 and 212.123 are determined by:

- ~~a)~~a) Visual observations conducted in compliance with Section 212.109;
- b) Use of a calibrated smoke evaluation device approved by the Agency under 35 Ill. Adm. Code 201.Subpart J; or
- c) Use of a smoke monitor located in the stack and approved by the Agency under 35 Ill. Adm. Code 201.Subpart J or L.

(Source: Amended at 50 Ill. Reg. , effective)

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Section 212.126 Adjusted Opacity Standards Procedures

- a) Under Section 28.1 of the Environmental Protection Act (Act) (415 ILCS 5/28.1) and in compliance with 35 Ill. Adm. Code 106, Subpart E, adjusted standards for visible emissions for emission units subject to Sections 212.201, 212.202, 212.203, or 212.204 may be granted by the Board to the extent consistent with federal law, based upon a demonstration by an owner or operator that the results of a performance test conducted under this Section, Section 212.110, and Methods 5 and 9 of 40 CFR 60.Appendix A, incorporated by reference in Section 212.113, show that the emission unit meets the applicable particulate emission limitations at the same time that the visible emissions exceed the otherwise applicable standards of Sections 212.121 through 212.125. Adjusted opacity limitations must:
- 1) Be specified as a condition in operating permits issued under 35 Ill. Adm. Code 201 and Section 39.5 of the Act;
 - 2) Substitute for the otherwise applicable limitation;
 - 3) Not allow an opacity greater than 60% at any time; and
 - 4) Allow opacity for one six-minute averaging period in any 60-minute period to exceed the adjusted opacity standard.
- b) To establish an adjusted opacity standard, any owner or operator of an emission unit which meets the requirements of subsection (a) may request the Agency to determine the average opacity of the emissions from the emission unit during any performance tests conducted under Section 212.110 and Methods 5 and 9 of 40 CFR 60.Appendix A, incorporated by reference in Section 212.113. The Agency must refuse to accept the results of emissions tests if not conducted in compliance with this Section.
- c) Any request to determine the average opacity of emissions must be made in writing, must include the time and place of the performance test and test specifications and procedures, and must be submitted to the Agency at least 30 days before the proposed test date.
- d) The Agency must advise the owner or operator of an emission unit which has requested an opacity determination of any deficiencies in the proposed test

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specifications and procedures as expeditiously as practicable but by 10 days before the proposed test date to minimize any disruption of the proposed testing schedule.

- e) The owner or operator ~~must allow~~ must allow Agency personnel to be present during the performance test.
- f) The method for determining an adjusted opacity standard is as follows:
 - 1) A minimum of 60 consecutive minutes of opacity readings obtained in compliance with Method 9, 40 CFR 60. Appendix A, incorporated by reference in Section 212.113, must be taken during each sampling run. For each performance test, which normally consists of three sampling runs, a total of three sets of opacity readings totaling three hours or more must be obtained. Concurrently, the particulate emissions data from three sampling runs obtained in compliance with Method 5, 40 CFR 60. Appendix A, incorporated by reference in Section 212.113, must also be obtained.
 - 2) After the results of the performance tests are received from the emission unit, the Agency must determine the status of compliance with the applicable particulate emissions limitation. In compliance with Method 5, 40 CFR 60. Appendix A, incorporated by reference in Section 212.113, the average of the results of the three sampling runs must be less than the allowable particulate emission rate for the emission unit to be considered in compliance. If compliance is demonstrated, then only those test runs with results which are less than the allowable particulate emission rate will be considered as acceptable test runs to establish an adjusted opacity standard.
 - 3) The opacity readings for each acceptable sampling run must be divided into sets of 24 consecutive readings. The six-minute average opacity for each set must be determined by dividing the sum of the 24 readings within each set by 24.
 - 4) The second highest six-minute average opacity obtained under subsection (f)(3) must be selected as the adjusted opacity standard.
- g) The owner or operator must submit a written report of the results of the

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performance test to the Agency at least 30 days before filing a petition for an adjusted standard with the Board.

- h) If, after review of ~~the owner's~~ the owner's or operator's written report of the results of the performance tests, the Agency determines that the emission unit is in compliance with all applicable emission limitations for which the performance tests were conducted, but fails to comply with Section 212.122 or 212.123, the Agency must notify the owner or operator as expeditiously as practicable, but within 20 days after receiving the written report of any deficiencies in the results of the performance tests.
- i) The owner or operator may petition the Board for an adjusted visible emission standard under 35 Ill. Adm. Code 106.Subpart E. In addition to the requirements of 35 Ill. Adm. Code 106.Subpart E, the petition must include the following information:
 - 1) A description of the business or activity of the petitioner, including its location and relevant pollution control equipment;
 - 2) The quantity and type of materials discharged from the emission unit or control equipment for which the adjusted standard is requested;
 - 3) A copy of any correspondence between the petitioner and the Agency regarding the performance tests which form the basis of the adjusted standard request;
 - 4) A copy of the written report submitted to the Agency under subsection (g);
 - 5) A statement that the performance tests were conducted in compliance with this Section and the conditions and procedures accepted by the Agency under Section 212.110;
 - 6) A statement regarding the specific limitation requested; and
 - 7) A statement whether the Agency has sent notice of deficiencies in the results of the performance test under subsection (h) and, if so, a copy of that notice.
- j) To qualify for an adjusted standard, the owner or operator must justify:

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- 1) That the performance tests were conducted in compliance with Test Methods 5 and 9, 40 CFR 60. Appendix A, incorporated by reference in Section 212.113, and the conditions and procedures accepted by the Agency under Section 212.110;
 - 2) That the emission unit and associated air pollution control equipment were operated and maintained in a manner to minimize the opacity of the emissions during the performance tests; and
 - 3) That the proposed adjusted opacity standard was determined in compliance with subsection (f).
- k) Nothing in this Section prevents any person from initiating or participating in a rulemaking, variance, or permit appeal proceeding before the Board.

(Source: Amended at 50 Ill. Reg. , effective)

SUBPART D: PARTICULATE MATTER EMISSIONS
FROM INCINERATORS

Section 212.181 Limitations for Incinerators

- a) A person must not cause or allow the emission of particulate matter into the atmosphere from any incinerator burning more than 27.2 Mg/hr (60,000 lbs/hr) of refuse to exceed 115 mg (0.05 gr/scf) of effluent gases corrected to 12% carbon dioxide.
- b) A person must not cause or allow the emission of particulate matter into the atmosphere from any incinerator burning more than 0.907 Mg/hr (2000 lbs/hr) but less than 27.2 Mg/hr (60,000 lbs/hr) of refuse to exceed 183 mg/scm (0.08 gr/scf) of effluent gases corrected to 12% carbon dioxide.
- c) A person must not cause or allow the emission of particulate matter into the atmosphere from all other incinerators for which construction or modification commenced before April 14, 1972, to exceed 458 mg/scm (0.2 gr/scf) of effluent gases corrected to 12% carbon dioxide.

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- d) A person must not cause or allow the emission of particulate matter into the atmosphere from all other incinerators for which construction or modification commenced on or after April 14, 1972, to exceed 229 mg/scm (0.1 gr/scf) of effluent gases corrected to 12% carbon dioxide.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.182 Aqueous Waste Incinerators

Section 212.181(d) does not apply to aqueous waste incinerators which, when corrected to 50% excess air for combined fuel and charge incineration, produce stack gas containing carbon dioxide dry-basis volume concentrations of less than 1.2% from the charge alone, if all the following conditions are met:

- a) The emission of particulate matter into the atmosphere from any such incinerator does not exceed 229 mg/scm (0.1 gr/scf), dry basis, when corrected to 50% excess air for combined fuel and charge incineration; and
- b) The waste charge to the incinerator does not exceed 907 kg/hr (2,000 lbs/hr).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.183 Certain Wood Waste Incinerators

Section 212.181(a), (b), and (d) do not apply to incinerators which burn only wood wastes, if all the following conditions are met:

- a) The emission of particulate matter from the incinerator does not exceed 458 mg (0.2 gr/scf) of effluent gases corrected to 12% carbon dioxide;
- b) The location of the incinerator is not in a restricted area, and is more than 305 m (1,000 ft) from residential or other populated areas; and
- c) It can be affirmatively demonstrated that no economically reasonable alternative method of disposal is available.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 212.184 Explosive Waste Incinerators

- a) Section 212.181 does not apply to certain existing small explosive waste incinerators if all the following conditions are met:
- 1) The incinerator burns only explosives or explosive-contaminated waste;
 - 2) The incinerator burns 227 kg/hr (500 lbs/hr) or less of waste;
 - 3) All incinerators on the same site operate a total of six hours or less in any day; and
 - 4) The incinerator existed before December 6, 1976, and is located in Williamson County in Section 3, Township 9 South, Range 2 East of the Third Principal Meridian.
- b) ~~A person~~ A person must ~~note cause~~ not cause or allow the emission of particulate matter into the atmosphere from any such existing small explosive waste incinerator to exceed 7,140 mg/kg (50.0 gr/lb) of combined waste and auxiliary fuel burned.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.185 Continuous Automatic Stoking Animal Pathological Waste Incinerators

- a) Section 212.181 does not apply to continuous automatic stoking pathological waste incinerators if all the following conditions are met: :
- 1) The incinerator burns only animal pathological waste, except as otherwise prescribed by the Agency during specified test operation.
 - 2) The incinerator burns no more than 907 kg/hr (2,000 lbs/hr) of waste.
 - 3) The incinerator is a multi-stage controlled air combustion incinerator having cyclical pulsed stoking hearth.

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- b) A person must not cause or allow the emission of particulate matter into the atmosphere from any continuous automatic stoking pathological waste incinerator to exceed 1 gram of emission per 1 kg of animal pathological waste charge (0.1 lb/100 lb).
- c) The particulate matter emissions produced when burning animal pathological waste using gaseous auxiliary fuel, such as natural gas, must not exceed the lbs/hr emission rate equivalent to the maximum concentration rate in Section 212.181(d) when applied to burning a maximum of 2,000 lb of mixed charge animal pathological waste plus solid waste to demonstrate compliance. "Mixed charge" must contain no more than 25% by weight of solid waste other than animal pathological waste.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART E: PARTICULATE MATTER EMISSIONS
FROM FUEL COMBUSTION EMISSION UNITS

Section 212.201 Emission Units For Which Construction or Modification Commenced Before April 14, 1972, Using Only Solid Fuel and Located in the Chicago Area

A person must not cause or allow the emission of particulate matter into the atmosphere from any fuel combustion emission unit for which construction or modification commenced before April 14, 1972, using only solid fuel and located in the Chicago major metropolitan area, to exceed 0.15 kg of particulate matter per ~~MW-hr~~ MW-hr of actual heat input in any one-hour period (0.10 lbs/MMbtu/hr) except as provided in Section 212.203.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.202 Emission Units For Which Construction or Modification Commenced Before April 14, 1972, Using Only Solid Fuel and Located Outside the Chicago Area

A person must ~~not cause~~ not cause or allow the emission of particulate matter into the atmosphere from any fuel combustion emission unit for which construction or modification commenced before April 14, 1972, using only solid fuel and located outside the Chicago major metropolitan area, to exceed the limitations in the table below in any one-hour period, except as provided in Section 212.203.

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METRIC UNITS	
H (Range) MW	S Kg/MW
Less than or equal to 2.93	1.55
Greater than 2.93 but	
<u>Greater than 2.93 but</u> less than 73.2	3.33 H ^{-0.715}
Greater than or equal to 73.2	0.155

ENGLISH UNITS	
H (Range) MMbtu/hr	S lbs/MMbtu
Less than or equal to 10	1.0
Greater than 10 but	
<u>Greater than 10 but</u> less than 250	5.18H ^{-0.715-0.715}
Greater than or equal to 250	0.1

where:

~~S = Allowable emission standard in lbs/MMbtu/hr or kg/MW of actual heat input, and
H = Actual heat input in MMbtu/hr or MW-hr~~

S = Allowable emission standard in lbs/MMbtu/hr or kg/MW of actual heat input,
and
H = Actual heat input in MMbtu/hr or MW-hr

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.203 Controlled Emission Units For Which Construction or Modification

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Commenced Before April 14, 1972, Using Only Solid Fuel

Despite Sections 212.201 and 212.202, any fuel combustion emission unit for which construction or modification commenced before April 14, 1972, using only solid fuel may, in any one-hour period, emit up to but not exceed 0.31 kg/MW-hr (0.20 lbs/MMbtu) if, as of April 14, 1972, any one of the following conditions was met:

- a) The emission unit had an hourly emission rate based on original design or equipment performance test conditions, whichever is stricter, which was less than 0.31 kg/~~MW-hr~~MW-hr (0.20 lbs/MMbtu) of actual heat input, and emission control of the emission unit is not allowed to degrade more than 0.077 kg/~~MW-hr~~MW-hr (0.05 lbs/MMbtu) from the original design or acceptance performance test conditions;
- b) The emission unit was in full compliance with the terms and conditions of a variance granted by the Board sufficient to achieve an hourly emission rate less than 0.31 kg/~~MW-hr~~MW-hr (0.20 lbs/MMbtu), and construction has commenced on equipment or modifications prescribed under that program; and emission control of the emission unit is not allowed to degrade more than 0.077 kg/~~MW-hr~~MW-hr (0.05 lbs/MMbtu) from original design or equipment performance test conditions, whichever is stricter; or
- c) The emission unit had an hourly emission rate based on original design or equipment performance test conditions, whichever is stricter, which was less than 0.31 kg/~~MW-hr~~MW-hr (0.20 lbs/MMbtu) of actual heat input, and emission control of the emission unit is not allowed to degrade more than 0.077 kg/~~MW-hr~~MW-hr (0.05 lbs/MMbtu) from the rate demonstrated by the most recent stack test, submitted to and accepted by the Agency before April 1, 1985, if:
 - 1) Owners and operators of emission units subject to this subsection applied for a new operating permit by January 9, 1987; and
 - 2) The application for a new operating permit included a demonstration that the proposed emission rate, if greater than the emission rate allowed by subsections (a) or (b), will not under any foreseeable operating conditions and potential meteorological conditions cause or contribute to a violation of any applicable primary or secondary ambient air quality standard for particulate matter, or violate any applicable prevention of significant

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deterioration (PSD) increment, or violate 35 Ill. Adm. Code 201.141.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.204 Emission Units For Which Construction or Modification Commenced On or After April 14, 1972, Using Only Solid Fuel

A person must not cause or allow the emission of particulate matter into the atmosphere from any fuel combustion emission unit for which construction or modification commenced on or after April 14, 1972, using only solid fuel to exceed 0.15 kg of particulate matter per ~~MW-hr~~MW-hr of actual heat input (0.1 lbs/MMbtu) in any one-hour period, unless Section 212.202, 212.203, or 212.205 applies.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.205 ~~Coal-fired~~Coal-fired Industrial Boilers For Which Construction or Modification Commenced Before April 14, 1972, Equipped with Flue Gas Desulfurization Systems

Despite Sections 212.201 through 212.204, ~~a person~~a person must not cause or allow the emission of particulate matter into the atmosphere from ~~coal-fired~~coal-fired industrial boilers equipped with flue gas desulfurization systems for which construction or modification commenced before April 14, 1972, to exceed 0.39 kg of particulate matter per ~~MW-hr~~MW-hr of actual heat input in any ~~one-hour~~one-hour period (0.25 lbs/MMbtu). This rule is not meant to prevent compliance with applicable regulations promulgated by the USEPA under Section 111 of the CAA as amended. *The provisions of Section 111 of the federal Clean Air Act (42 USC U.S.C. 7411), as amended, relating to standards of performance for new stationary sources...are applicable in this State and are enforceable under the Act (415 ILCS 5/9.1(b)).*

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.206 Emission Units Using Only Liquid Fuel

A person must not cause or allow the emission of particulate matter into the atmosphere in any one-hour period to exceed 0.15 kg of particulate matter per MW-hr of actual heat input from any fuel combustion emission unit using only liquid fuel (0.10 lbs/MMbtu).

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.207 Emission Units Using More Than One Type of Fuel

- a) A person, while simultaneously burning more than one type of fuel in a fuel combustion emission unit, must not cause or allow the emission of particulate matter into the atmosphere in any one-hour period exceed the rate established by the following equation:

$$E = AS + BL$$

where

~~E = Allowable emission rate;~~

~~A = Applicable solidfuel particulate emission standard;~~

~~B = Constant from subsection (b);~~

~~S = Actual heat input from solid fuel;~~

~~L = Actual heat input from liquid fuel.~~

$$E = AS + BL$$

where

<u>E</u>	=	<u>Allowable emission rate;</u>
<u>A</u>	=	<u>Applicable solid fuel particulate emission standard;</u>
<u>B</u>	=	<u>Constant from subsection (b);</u>
<u>S</u>	=	<u>Actual heat input from solid fuel;</u>
<u>L</u>	=	<u>Actual heat input from liquid fuel.</u>

- b) The following metric and English units must be used in the equation of subsection (a):

	Parameter	Metric	English
	E	kg/hr	lbs/hr
	A	kg/MW-hr	lbs/MMbtu

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[REDACTED]	B	0.155	0.10
	S	MW	MMbtu/hr
	L	MW	MMbtu/hr

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.208 Aggregation of Emission Units For Which Construction or Modification Commenced Before April 14, 1972

Section 212.207 may be applied to the aggregate of all fuel combustion emission units for which construction or modification commenced before April 14, 1972, vented to a common stack, if after January 26, 1972:

- a) Ductwork has not been modified to interconnect fuel combustion emission units;
- b) The actual heat input to any fuel combustion emission units is not increased; and
- c) No new fuel combustion emission unit is added to reduce the degree of control of emissions of particulate matter required by this Subpart.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.210 Emissions Limitations for Certain Fuel Combustion Emission Units Located in the Vicinity of Granite City

- a) A person must not cause or allow emissions of PM₁₀ into the atmosphere to exceed 12.9 ng/J (0.03 lbs/MMbtu) of heat input from fuels other than natural gas during any one-hour period from any industrial fuel combustion emission units, other than in an integrated iron and steel plant, located in the area defined in Section 212.324(a)(1)(C).
- b) Emission units must comply with the emissions limitations of this Section by May 11, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

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SUBPART K: FUGITIVE PARTICULATE MATTER

Section 212.301 Fugitive Particulate Matter

A person must not cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally toward the zenith at a point beyond the property line of the source.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.302 Geographical Areas of Application

- a) Sections 212.304 through 212.310 and 212.312 apply to all mining operations (Standard Industrial Classification (SIC) major groups 10 through 14), manufacturing operations (SIC major groups 20 through 39, except for grain-handling and grain-drying operations subject to Subpart S that are outside the areas defined in Section 212.324(a)(1)), and electric generating operations (SIC group 491) located in the following townships in the following counties, despite any political subdivisions within them, as the township boundaries were defined on October 1, 1979:

Cook:	All townships
Lake:	Shields, Waukegan, Warren
DuPage:	Addison, Winfield, York
Will:	DuPage, Plainfield, Lockport, Channahon, Peotone, Florence, Joliet
Peoria:	Richwoods, Limestone, Hollis, Peoria, City of Peoria
Tazewell:	Fondulac, Pekin, Cincinnati, Groveland, Washington
Macon:	Decatur, Hickory Point
Rock Island:	Blackhawk, Coal Valley, Hampton, Moline, South Moline, Rock Island, South Rock Island
LaSalle:	LaSalle, Utica
Madison:	Alton, Chouteau, Collinsville, Edwardsville, Fort Russell, Godfrey, Granite City, Nameoki, Venice, Wood River
St. Clair:	Canteen, Caseyville, Centerville, St. Clair, Stites, Stookey, Sugar Loaf, Millstadt

- b) In areas listed in Section 212.324(a)(1), Sections 212.304 through 212.310,

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212.312, and 212.316 apply to all emission units identified in subsection (a) at the following operations: ~~grain-handling and grain-drying~~grain-handling and grain-drying (Subpart S); and transportation, communications, electric, gas, and sanitary services (SIC major groups 40 through 49). Sections 212.304 through 212.310, 212.312, and 212.316 also apply to wholesale ~~trade-farm~~trade-farm supplies (SIC Industry No. 5191) located in the vicinity of Granite City as defined in Section 212.324(a)(1)(C).

- c) Emission units must comply with subsection (b) by May 11, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. , effective)

Section 212.304 Storage Piles

- a) All storage piles of materials with uncontrolled emissions of fugitive particulate matter exceeding 45.4 Mg per year (50 T/yr) which are located within a source whose potential particulate emissions from all emission units exceed 90.8 Mg/yr (100 T/yr) must be protected by a cover or sprayed with a surfactant solution or water on a regular basis as needed, or treated by an equivalent method in compliance with the operating program required by Sections 212.309, 212.310, and 212.312.
- b) Subsection (a) does not apply to a specific storage pile if the owner or operator of that pile proves to the Agency that fugitive particulate emissions from that pile do not cross the property line either by direct wind action or reentrainment.

(Source: Amended at 50 Ill. Reg. , effective)

Section 212.305 Conveyor Loading Operations

All conveyor loading operations to storage piles specified in Section 212.304 must use spray systems, telescopic chutes, stone ladders, or other equivalent methods in compliance with the operating program required by Sections 212.309, 212.310, and 212.312.

(Source: Amended at 50 Ill. Reg. , effective)

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Section 212.306 Traffic Areas

All normal traffic pattern access areas surrounding storage piles specified in Section 212.304 and all normal traffic pattern roads and parking facilities located on mining or manufacturing property must be paved or treated with water, oils, or chemical dust suppressants. All paved areas must be cleaned on a regular basis. All areas treated with water, oils, or chemical dust suppressants must have the treatment applied on a regular basis as needed, in compliance with the operating program required by Sections 212.309, 212.310, and 212.312.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.307 Materials Collected by Pollution Control Equipment

All operations unloading and transporting materials collected by pollution control equipment must be enclosed or must use spraying, pelletizing, screw conveying, or other equivalent methods.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.308 Spraying or Choke-Feeding Required

Crushers, grinding mills, screening operations, bucket elevators, conveyor transfer points, conveyors, bagging operations, storage bins, and fine product truck and railcar loading operations must be sprayed with water or a surfactant solution, utilize choke-feeding, or be treated by an equivalent method, in compliance with an operating program.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.309 Operating Program

- a) The emission units described in Sections 212.304 through 212.308 and Section 212.316 must be operated under an operating program consistent with the requirements in Sections 212.310 and 212.312 and prepared by the owner or operator and submitted to the Agency for its review. This operating program must be designed to significantly reduce fugitive particulate matter emissions.

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- b) The amendment to this Section incorporating the applicability of Section 212.316 will apply by May 11, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.310 Minimum Operating Program

As a minimum, the operating program must include:

- a) The name and address of the source;
- b) The name and address of the owner or operator responsible for executing the operating program;
- c) A map or diagram of the source showing approximate locations of storage piles, conveyor loading operations, normal traffic pattern access areas surrounding storage piles, and all normal traffic patterns within the source;
- d) Location of unloading and transporting operations with pollution control equipment;
- e) A detailed description of the best management practices used to comply with this Subpart, including an engineering specification of particulate collection equipment; application systems for water, oil, chemicals, and dust suppressants used; and equivalent methods used;
- f) Estimated frequency of application of dust suppressants by location of materials; and
- g) Other information necessary to facilitate the Agency's review of the operating program.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.312 Amendment to Operating Program

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The operating program must be amended from time to time by the owner or operator so that the operating program is current. These amendments must be consistent with this Subpart and must be submitted to the Agency for its review.

(Source: Amended at 50 Ill. Reg. , effective
)

Section 212.313 Emission Standard for Particulate Collection Equipment

If particulate collection equipment is operated under Sections 212.304 through 212.310 and 212.312, emissions from that equipment must not exceed 68 mg/dscm (0.03 gr/dscf).

(Source: Amended at 50 Ill. Reg. , effective
)

Section 212.314 Exception for Excess Wind Speed

Section 212.301 does not apply and spraying under Sections 212.304 through 212.310 and 212.312 is not required when the wind speed is greater than 40.2 km/hr (25 mph). Determining wind speed for this rule must be by a one-hour average or hourly recorded value at the nearest official station of the U.S. Weather Bureau or by wind speed instruments operated on the site. When the duration of operations subject to this rule is less than one hour, wind speed may be averaged over the duration of the operations on the basis of on-site wind speed instrument measurements.

(Source: Amended at 50 Ill. Reg. , effective
)

Section 212.315 Covering for Vehicles

A person must not cause or allow the operation of a vehicle of the second division, as defined by 625 ILCS 5/1-217, or a semi-trailer, as defined by 625 ILCS 5/1-187, without a covering sufficient to prevent the release of particulate matter into the atmosphere. This rule does not apply to automotive exhaust emissions.

BOARD NOTE: Under Section 10(E) of the Act, Section 212.315 cannot be more strict than Section ~~15-109~~15-109.1 of the Vehicle Code (625 ILCS 5/15-109.1).

(Source: Amended at 50 Ill. Reg. , effective

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Section 212.316 Emission Limitations for Emission Units in Certain Areas

- a) Applicability. This Section applies to operations specified in Section 212.302 and located in areas defined in Section 212.324(a)(1).
- b) Emission Limitation for Crushing and Screening Operations. A person must ~~note cause~~ not cause or allow fugitive particulate matter emissions generated by the crushing or screening of slag, stone, coke, or coal to exceed an opacity of 10%.
- c) Emission Limitations for Roadways or Parking Areas. A person must not cause or allow fugitive particulate matter emissions from any roadway or parking area to exceed an opacity of 10%, except that the opacity must not exceed 5% at quarries with a capacity to produce more than 1 million T/yr of aggregate.
- d) Emission Limitations for Storage Piles. A person must not cause or allow fugitive particulate matter emissions from any storage pile to exceed an opacity of 10% measured four feet from the pile surface.
- e) Additional Emissions Limitations for the Granite City Vicinity as Defined in Section 212.324(a)(1)(C).
 - 1) Emissions Limitations for Roadways or Parking Areas Located at Slag Processing Facilities or Integrated Iron and Steel Manufacturing Plants. A person must not cause or allow fugitive particulate matter emissions from any roadway or parking area located at a slag processing facility or integrated iron and steel manufacturing plant to exceed an opacity of 5%.
 - 2) Emissions Limitations for Marine Terminals:
 - A) A person must not cause or allow fugitive particulate matter emissions from any loading spouts for truck or railcar to exceed an opacity of 10%; and
 - B) A person must not cause or allow fugitive particulate matter emissions generated at barge unloading, dump pits, or conveyor transfer points, including transfer onto and off of a conveyor, to exceed an opacity of 5%.

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- f) Emission Limitation for All Other Emission Units. Unless an emission unit has been assigned a particulate matter, PM₁₀, or fugitive particulate matter emissions limitation elsewhere in this Section or in Subparts R or S, a person must not cause or allow fugitive particulate matter emissions from any emission unit to exceed an opacity of 20%.

- g) Recordkeeping and Reporting
 - 1) The owner or operator of any fugitive particulate matter emission unit subject to this Section must keep written records of the application of control measures needed to comply with the opacity limitations of this Section and must submit to the Agency an annual report summarizing that information.

 - 2) The records required under this subsection must include, at a minimum:
 - A) The name and address of the source;

 - B) The name and address of the source's owner, operator, or both;

 - C) A map or diagram showing the location of all emission units controlled, including the location, identification, length, and width of roadways;

 - D) For each application of water or chemical solution to roadways by truck: the name and location of the roadway controlled, application rate of each truck, frequency of each application, width of each application, identification of each truck used, total quantity of water or chemical used for each application, and for each application of chemical solution, the concentration and identity of the chemical;

 - E) For application of physical or chemical control agents: the name of the agent, application rate and frequency, and total quantity of agent and, if diluted, percent of concentration used each day; and

 - F) A log recording incidents when control measures were not used and a statement of explanation.

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- 3) Copies of all records required by this Section must be submitted to the Agency within 10 working days after a written request by the Agency and must be transmitted to the Agency by a company-designated person with authority to release the records.
- 4) The records required under this Section must be kept and maintained for at least three years and must be available for inspection and copying by Agency representatives during working hours.
- 5) A quarterly report must be submitted to the Agency stating the following: the dates any necessary control measures were not implemented, a listing of those control measures, the reasons that the control measures were not implemented, and any corrective actions taken. This information includes dates when controls were not applied based on a belief that applying the control measures would have been unreasonable given prevailing atmospheric conditions, which constitutes a defense to the requirements of this Section. This report must be submitted to the Agency within 30 calendar days after the end of a quarter. Quarters end March 31, June 30, September 30, and December 31.
- h) Compliance Date. Emission units ~~must comply~~ must comply with the emissions limitations and recordkeeping and reporting requirements of this Section by May 11, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. , effective)

SUBPART L: PARTICULATE MATTER EMISSIONS
FROM PROCESS EMISSION UNITS

**Section 212.321 Process Emission Units For Which Construction or Modification
Commenced On or After April 14, 1972**

- a) Except as further provided in this Part, a person must not cause or allow the emission of particulate matter into the atmosphere in any one-hour period from any new process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units for

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which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates in subsection (c).

- b) Interpolated and extrapolated values of the data in subsection (c) must be determined by using the equation:

$$E = A(P)^{\frac{B}{B}}$$

where:

P = Process weight rate; and
 E = Allowable emission rate; and,

- 1) Up to process weight rates of 408 **Mg**Mg/hr (450 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lbs/hr
A	1.214	2.54
B	0.534	0.534

- 2) For process weight rate greater than or equal to 408 Mg/hr (450 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lbs/hr
A	11.42	24.8
B	0.16	0.16

- c) Limits for Process Emission Units For Which Construction ~~or~~ Modification Commenced On or After April 14, 1972

	Metric		English	
P	E	P	E	
Mg/hr	kg/hr	T/hr	lbs/hr	
0.05	0.25	0.05	0.55	

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	0.1	0.29	0.10	0.77
	0.2	0.42	0.20	1.10
	0.3	0.64	0.30	1.35
	0.4	0.74	0.40	1.58
	0.5	0.84	0.50	1.75
	0.7	1.00	0.75	2.40
	0.9	1.15	1.00	2.60
	1.8	1.66	2.00	3.70
	2.7	2.1	3.00	4.60
	3.6	2.4	4.00	5.35
	4.5	2.7	5.00	6.00
	9.	3.9	10.00	8.70
	13.	4.8	15.00	10.80
	18.	5.7	20.00	12.50
	23.	6.5	25.00	14.00
	27.	7.1	30.00	15.60
	32.	7.7	35.00	17.00
	36.	8.2	40.00	18.20
	41.	8.8	45.00	19.20
	45.	9.3	50.00	20.50
	90.	13.4	100.00	29.50
	140.	17.0	150.00	37.00
	180.	19.4	200.00	43.00
	230.	22.	250.00	48.50
	270.	24.	300.00	53.00
	320.	26.	350.00	58.00
	360.	28.	400.00	62.00
	408.	30.1	450.00	66.00
	454.	30.4	500.00	67.00

where:

P = Process weight rate in metric or T/hr, and
E = Allowable emission rate in kg/hr or lbs/hr.

(Source: Amended at 50 Ill. Reg. , effective)

Section 212.322 Process Emission Units For Which Construction or Modification

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Commenced Before April 14, 1972

- a) Except as further provided in this Part, a person must not cause or allow the emission of particulate matter into the atmosphere in any one-hour period from any process emission unit for which construction or modification commenced before April 14, 1972, that, either alone or in combination with the emission of particulate matter from all other similar process emission units at a source or premises, exceeds the allowable emission rates in subsection (c).
- b) Interpolated and extrapolated values of the data in subsection (c) must be determined using the following equation:

$$E = C + A(P)^{\frac{B+0.0B}{7}}$$

where:

P = process weight rate; and

E = allowable emission rate; and,

- 1) For process weight rates up to 27.2 Mg/hr (30 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lbs/hr
A	1.985	4.10
B	0.67	0.67
C	0	0

- 2) For process weight rates above 27.2 Mg/hr (30 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lbs/hr
A	25.21	55.0
B	0.11	0.11

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 C -18.4 -40.0

c) Limits for Process Emission Units for Which Construction or Modification Commenced Before April 14, 1972

	Metric			English	
	P Mg/hr	E kg/hr		P T/hr	E lbs/hr
	0.05	0.27		0.05	0.55
	0.1	0.42		0.10	0.87
	0.2	0.68		0.20	1.40
	0.3	0.89		0.30	1.83
	0.4	1.07		0.40	2.22
	0.5	1.25		0.50	2.58
	0.7	1.56		0.75	3.38
	0.9	1.85		1.00	4.10
	1.8	2.9		2.00	6.52
	2.7	3.9		3.00	8.56
	3.6	4.7		4.00	10.40
	4.5	5.4		5.00	12.00
	9.	8.7		10.00	19.20
	13.	11.1		15.00	25.20
	18.	13.8		20.00	30.50
	23.	16.2		25.00	35.40
	27.2	18.15		30.00	40.00
	32.0	18.8		35.00	41.30
	36.0	19.3		40.00	42.50
	41.0	19.8		45.00	43.60
	45.0	20.2		50.00	44.60
	90.0	23.2		100.00	51.20
	140.0	25.3		150.00	55.40
	180.0	26.5		200.00	58.60
	230.0	27.7		250.00	61.00
	270.0	28.5		300.00	63.10
	320.0	29.4		350.00	64.90
	360.0	30.0		400.00	66.20
	400.0	30.6		450.00	67.70
	454.0	31.3		500.00	69.00

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where:

P = Process weight rate in Mg/hr or T/hr, and

E = Allowable emission rate in kg/hr or lbs/hr.

d) Alternative Standard

- ~~1~~1) The owner or operator of the petroleum coke calcining facility located in Robinson, Illinois, may emit particulate matter into the atmosphere from Kiln 1 or Kiln 2 exceeding the allowable emission rates in subsection (c) while the temperature of the inlet to the pyroscrubber servicing Kiln 1 or Kiln 2 does not achieve a minimum operating temperature of 1800 °F during startup, malfunction, or breakdown (based on a three-hour rolling average). During this period of time, the owner or operator must comply with subsection (d)(3). For this subsection, "startup" is defined as the duration from when green coke feed is first introduced into the kiln until the temperature at the pyroscrubber inlet servicing the kiln achieves a minimum operating temperature of 1800 °F (based on a three-hour rolling average).
- ~~2~~2) Use of the alternative standard in subsection (d)(1) must not exceed a total of 300 hours per kiln in a calendar year.
- ~~3~~3) During any time that Kiln 1 or Kiln 2 is operated while the pyroscrubber servicing the emission unit is not achieving the minimum operating temperature of 1800 °F, the owner or operator must:
- ~~A~~A) Minimize emissions to the extent practicable;
- ~~B~~B) Not introduce green coke into the kiln unless or until a minimum operating temperature of 400 °F measured at the inlet to the pyroscrubber is achieved; and
- ~~C~~C) Operate the natural gas-fired burners to minimize the time that a kiln operates below 1800 °F, consistent with technological limitations, manufacturer specifications, and good air pollution control practices for minimizing emissions.

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- ~~4~~4) The owner or operator must keep and maintain all records necessary to demonstrate compliance with this subsection (d), including records of each hour that the pyroscrubber operated below 1800 °F. The owner or operator must provide these records to the Agency upon request.

(Source: Amended at 50 Ill. Reg. , effective)

Section 212.323 Stock Piles

Sections 212.321 and 212.322 do not apply to emission units, such as stock piles of particulate matter, to which those rules cannot reasonably apply because of the disperse nature of those emission units.

(Source: Amended at 50 Ill. Reg. , effective)

Section 212.324 Process Emission Units in Certain Areas

- a) Applicability
- 1) This Section applies to any process emission unit located in any of the following areas:
 - A) That area bounded by lines from Universal Transverse Mercator (UTM) coordinate 428000mE, 4631000mN, east to 435000mE, 4631000mN, south to 435000mE, 4623000mN, west to 428000mE, 4623000mN, north to 428000mE, 4631000mN, in the vicinity of McCook in Cook County, as shown in Illustration D;
 - B) That area bounded by lines from Universal Transverse Mercator (UTM) coordinate 445000mE, 4622180mN, east to 456265mE, 4622180mN, south to 456265E, 4609020N, west to 445000mE, 4609020mN, north to 445000mE, 4622180mN, in the vicinity of Lake Calumet in Cook County, as shown in Illustration E; and
 - C) That area bounded by lines from Universal Transverse Mercator (UTM) coordinate 744000mE, 4290000mN, east to 753000mE,

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4290000mN, south to 753000mE, 4283000mN, west to 744000mE, 4283000mN, north to 744000mE, 4290000mN, in the vicinity of Granite City in Madison County, as shown in Illustration F.

- 2) This Section does not alter the applicability of Sections 212.321 and 212.322.
- 3) The emission limitations of this Section do not apply to any emission unit subject to a specific emissions standard or limitation in the following Subparts:
 - A) Subpart N, Food Manufacturing;
 - B) Subpart Q, Stone, Clay, Glass, and Concrete Manufacturing;
 - C) Subpart R, Primary and Fabricated Metal Products and Machinery Manufacture; and
 - D) Subpart S, Agriculture.
- b) General Emission Limitation. Except as otherwise provided in this Section, a person must not cause or allow the emission into the atmosphere of PM₁₀ from any process emission unit to exceed 68.7 mg/scm (0.03 gr/scf) during any one-hour period.
- c) Alternative Emission Limitation. In lieu of the emission limit of 68.7 mg/scm (0.03 gr/scf) in subsection (b), a person must not cause or allow the emissions from the following emission units to exceed the corresponding limitations:

	Emissions Units	Emissions Limit	
		Metric	English
<u>1)</u>	Shotblasting emission units in the Village of McCook equipped with fabric filters as of June 1, 1991	22.9 mg/scm	0.01 gr/scf

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2) All process emission units at 5% opacity 5% opacity
manufacturers of steel wool
with soap pads located in the
Village of McCook

- d) Exceptions. The mass emission limits in subsections (b) and (c) will not apply to emission units with no visible emissions other than fugitive particulate matter. However, if a stack test is performed, this subsection is not a defense to a finding of a violation of the mass emission limits in subsections (b) and (c).
- e) Special Emissions Limitation for Fuel-Burning Process Emission Units in the Vicinity of Granite City. A person must not cause or allow emissions of PM₁₀ into the atmosphere to exceed 12.9 ng/J (0.03 lbs/MMbtu) of heat input from burning fuel other than natural gas at any process emission unit located in the vicinity of Granite City, as defined in subsection (a)(1)(C).
- f) Maintenance and Repair. For any process emission unit subject to subsection (a), the owner or operator must maintain and repair all air pollution control equipment in a manner that assures that the emission limits and standards in this Section will be met at all times. Proper maintenance must include:
 - 1) Visual inspections of air pollution control equipment;
 - 2) Maintenance of an adequate inventory of spare parts; and
 - 3) Expedient repairs, unless the emission unit is shutdown.
- g) Recordkeeping of Maintenance and Repair:
 - 1) Written records of inventory and documentation of inspections, maintenance, and repairs of all air pollution control equipment must be kept in compliance with subsection (f).
 - 2) The owner or operator must document any period during which any process emission unit was operating when the air pollution control equipment was not operating or was malfunctioning so as to cause an emissions level exceeding the emissions limitation. These records must include documentation of causes for pollution control equipment not operating or malfunctioning and state what corrective actions were taken

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and what repairs were made.

- 3) A written record of the inventory of all spare parts not readily available from local suppliers must be kept and updated.
 - 4) Copies of all records required by this Section must be submitted to the Agency within 10 working days after a written request by the Agency.
 - 5) The records required under this Section must be kept and maintained for at least three years and must be available for inspection and copying by Agency representatives during working hours.
 - 6) Upon written request by the Agency, a report must be submitted to the Agency for any period specified in the request stating the following: the dates during which any process emission unit was operating when the air pollution control equipment was not operating or was malfunctioning, documentation of causes for pollution control equipment malfunctioning or not operating, and a statement of what corrective actions were taken and what repairs were made.
- h) Compliance Date. Emission units must comply with the emissions limitations and recordkeeping and reporting requirements of this Section by May 11, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

SUBPART N: FOOD MANUFACTURING

Section 212.361 Corn Wet Milling Processes

Sections 212.321 and 212.322 do not apply to feed and gluten dryers in corn wet milling processes where the exit gases have a dew point higher than the ambient temperature and the specific gravity of the material processed is less than 2.0. A person must not cause or allow the emission of particulate matter into the atmosphere from any such ~~processes~~process to exceed the emission standards and limitations in Section 212.322.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

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Section 212.362 Emission Units in Certain Areas

- a) Applicability.
 - 1) Subsections (b)(1) through (b)(4) must apply to emission units engaged in food manufacturing and located in the Village of Bedford Park west of Archer Avenue and in the area defined in Section 212.324(a)(1)(A).
 - 2) Subsection (b)(5) applies to an instant tea manufacturing plant in Granite City, as defined in Section 212.324(a)(1)(C).
- b) Emission Limitation. A person must not cause or allow the emission of PM₁₀ other than fugitive particulate matter into the atmosphere to exceed the following limits during any one-hour period:
 - 1) 22.9 mg/scm (0.01 gr/scf) for dextrose dryers, dextrose melt tank systems, bulk dextrose loading systems, house dry dextrose dust systems, dextrose bagging machine dust systems, dextrose expansion dryer/cooler and packing systems, and dextrose dryer/cooler dust collecting systems;
 - 2) 34.3 mg/scm (0.015 gr/scf) for feed dryers, gluten dryers, germ dryers, and heat recovery scrubbers;
 - 3) 68.7 mg/scm (0.03 gr/scf) for germ cake transport systems, spent flake transport/cooling systems, bleaching clay systems, dust pickup bin systems in Building 26, and pellet cooler systems;
 - 4) 45.8 mg/scm (0.02 gr/scf) for germ transport systems, starch dust collection systems, dicalite systems, starch processing/transport systems, starch dryers, starch transport systems, calcium carbonate storage systems, starch loading systems, corn unloading systems, germ transfer towers, dextrose transport systems, soda ash unloading systems, corn silo systems, filter aid systems, spent flake storage systems, corn cleaning transport systems, feed transport cooling systems, gluten cooling systems, gluten transport systems, feed dust systems, gluten dust systems, pellet dust systems, spent flake transport systems, rail car maintenance system buildings, and dextrose expansion milling and storage systems;

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- 5) 22.9 mg/scm (0.01 gr/scf) for any process emission unit at an instant tea manufacturing plant in Granite City, except the spray dryer, raw tea storage silo, and instant tea filling machines.
- c) Exceptions. The mass emission limits in subsection (b) do not apply to emission units with no visible emissions other than fugitive matter. However, if a stack test is performed, this subsection is not a defense to a finding of a violation of the mass emission limits in subsection (b).
- d) Maintenance, Repair, and Recordkeeping. Sections 212.324(f) and (g) apply to this Section.
- e) Compliance Date. Emission units must comply with the emissions limitations and recordkeeping and reporting requirements of this Section by May 11, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART O: PETROLEUM REFINING, PETROCHEMICAL,
AND CHEMICAL MANUFACTURING

Section 212.381 Catalyst Regenerators of Fluidized Catalytic Converters

Sections 212.321 and 212.322 do not apply to catalyst regenerators of fluidized catalytic converters. A person must not cause or allow the emission rate from catalyst regenerators of fluidized catalytic converters to exceed in any one-hour period the rate determined by the following equations:

$$E = 4.10 (P)^{0.67} \quad \text{for } P \text{ less than or equal to } 30 \text{ T/hr.}$$

$$E = (55.0 (P)^{0.11}) - 40.0 \quad \text{for } P \text{ greater than } 30 \text{ T/hr.}$$

where:

E = allowable emission rate in lbs/hr, and
P = catalyst recycle rate, including the amount of fresh catalyst added, in T/hr.
~~E = allowable emission rate in lbs/hr, and~~
~~P = catalyst recycle rate, including the amount of fresh catalyst added, in T/hr.~~

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(Source: Amended at 50 Ill. Reg. _____, effective
_____)

SUBPART Q: STONE, CLAY, GLASS, AND
CONCRETE MANUFACTURING

**Section 212.421 Portland Cement Processes ~~for~~ For Which Construction or
Modification Commenced On or After April 14, 1972**

A person must not cause or allow the emission of smoke or other particulate matter from any portland cement process for which construction or modification commenced on or after April 14, 1972, into the atmosphere having an opacity greater than 10%.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.422 Portland Cement Manufacturing Processes

Section 212.321 does not apply to the kilns and coolers of portland cement manufacturing processes.

- a) The kilns and clinker coolers of portland cement manufacturing processes for which construction or modification commenced before April 14, 1972, must comply with the emission standards and limitations of Section 212.322.
- b) The kilns and clinker coolers of portland cement manufacturing processes for which construction or modification commenced on or after April 14, 1972, must comply with the following emission standards and limitations:
 - 1) A person must not cause or allow the emission of particulate matter into the atmosphere from any such kiln to exceed 0.3 lbs/T of feed to the kiln.
 - 2) A person must not cause or allow the emission of particulate matter into the atmosphere from any such clinker cooler to exceed 0.1 lbs/T of feed to the kiln.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

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Section 212.423 Emission Limits for the Portland Cement Manufacturing Plant Located in LaSalle County, South of the Illinois River (Repealed)



Portland

(Source: Repealed at 50 Ill. Reg. _____, effective _____)

Section 212.424 Fugitive Particulate Matter Control for the Portland Cement Manufacturing Plant and Associated Quarry Operations Located in LaSalle County, South of the Illinois River (Repealed)

(Source: Repealed at 50 Ill. Reg. _____, effective _____)

Section 212.425 Emission Units in Certain Areas

- a) This Section applies to emission units located in areas defined in Section 212.324(a)(1).
- b) A person must not cause or allow the emission of PM₁₀, other than fugitive particulate matter, into the atmosphere to exceed the following limits during any one-hour period:
 - 1) 57.2 mg/scm (0.025 gr/scf) for coater and cooling loop ventilator at a roofing asphalt manufacturing plant located in the Village of Summit;

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- 2) 34.3 mg/scm (0.015 gr/scf) for mineral filler handling emission units at a roofing asphalt manufacturing plant located in the Village of Summit;
 - 3) 0.03 kg/Mg (0.06 lb/T) of asphalt mixed for asphalt mixer at a roofing asphalt manufacturing plant located in the Village of Summit;
 - 4) 91.6 mg/scm (0.04 gr/scf) for roofing asphalt blowing stills, except stills Nos. 1 and 2, at a roofing asphalt manufacturing plant located in the Village of Summit;
 - 5) 45.8 mg/scm (0.02 gr/scf) for kilns in the lime manufacturing industry;
 - 6) 22.9 mg/scm (0.01 gr/scf) for all other process emission units in the lime manufacturing industry;
 - 7) 0.325 kg/Mg (0.65 lb/T) of glass produced for all glass melting furnaces.
- c) The mass emission limits in subsection (b) do not apply to emission units with no visible emissions other than fugitive particulate matter. However, if a stack test is performed, this subsection is not a defense to a finding of a violation of the mass emission limits in subsection (b).
- d) Section 212.324(f) and (g) apply to this Section.
- e) Emission units must comply with the emissions limitations and recordkeeping and reporting requirements of this Section by May 11, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

SUBPART R: PRIMARY AND FABRICATED METAL PRODUCTS
AND MACHINERY MANUFACTURE

Section 212.441 Steel Manufacturing Processes

Except where noted, Sections 212.321 and 212.322 do not apply to the steel manufacturing processes subject to Sections 212.442 through 212.452.

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(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.442 Beehive Coke Ovens

A person must not cause or allow the use of beehive ovens in any coke manufacturing process.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.443 Coke Plants

- a) Subpart B does not apply to coke plants.
- b) Charging.
 - 1) Uncaptured Emissions:
 - A) A person must ~~not cause~~ not cause or allow the emission of visible particulate matter from any coke oven charging operation, from the introduction of coal into the first charge port as indicated by the first mechanical movement of the coal feeding mechanism on the larry car to the replacement of the final charge port lid, for more than a total of 125 seconds over ~~five consecutive~~ five consecutive charges. However, one charge out of any 20 consecutive charges may be deemed an uncountable charge at the option of the operator.
 - B) Compliance with the limitation in subsection (b)(1)(A) must be determined in the following manner:
 - i) Observation of charging emissions must be made from any point or points on the topside of a coke oven battery from which a qualified observer can obtain an unobstructed view of the charging operation.
 - ii) The qualified observer must time the visible emissions with a stopwatch while observing the charging operation and

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must time only emissions from the charge port and any part of the larry car. The observation must commence as soon as coal is introduced into the first charge port as indicated by the first mechanical movement of the coal feeding mechanism on the larry car and must terminate when the last charge port lid has been replaced. Simultaneous emissions from more than one emission point must be timed and recorded as one emission and must not be added individually to the total time.

- iii) The qualified observer must determine and record the total number of seconds that charging emissions are visible during the charging of coal to the coke oven.
- iv) For each charge observed, the qualified observer must record the total number of seconds of visible emissions, the clock time for the initiation and completion of the charging operation, and the battery identification and oven number.
- v) The qualified observer must not record any emissions observed after all charging port lids have been firmly seated after removal of the larry car, such as emissions occurring when a lid has been temporarily removed to permit spilled coal to be swept into the oven.
- vi) If observations from a charge are interrupted, the data from the charge must be invalidated and the qualified observer must note on their observation sheet the reason for invalidating the data. The qualified observer must then resume observation of the next consecutive charge or charges and continue until a set of five charges has been recorded. Charges immediately preceding and following interrupted observations must be considered consecutive.

2) Emissions from Control Equipment

- A) Emissions of particulate matter from control equipment used to capture emissions during charging must not exceed 0.046 g/dscm (0.020 gr/dscf). Compliance must be determined in compliance

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with the procedures in 40 CFR 60. Appendix A, Methods 1 through 5, incorporated by reference in Section 212.113. *The provisions of Section 111 of the federal Clean Air Act (42 USC 7411 U.S.C. 711), as amended, relating to standards of performance for new stationary sources...are applicable in this State and are enforceable under the Act (415 ILCS 5/9.1(b)).*

- B) The opacity of emissions from control equipment must not exceed an average of 20%, averaging the total number of readings taken. Opacity readings must be taken at 15-second intervals from the introduction of coal into the first charge port as indicated by the first mechanical movement of the coal feeding mechanism on the larry car to the replacement of the final charge port lid. Compliance, except for the number of readings required, must be determined in compliance with 40 CFR 60. Appendix A, Method 9, incorporated by reference in Section 212.113. *The provisions of Section 111 of the federal Clean Air Act (42 USC 7411 U.S.C. 711), as amended, relating to standards of performance for new stationary sources...are applicable in this State and are enforceable under the Act (415 ILCS 5/9.1(b)).*
 - C) Opacity readings of emissions from control equipment must be taken concurrently with observations of fugitive particulate matter. Two qualified observers are required.
- 3) Qualified observers under subsection (b) must be certified under 40 CFR 60. Appendix A, Method 9, incorporated by reference in Section 212.113. *The provisions of Section 111 of the federal Clean Air Act (42 USC 7411 U.S.C. 7411), as amended, relating to standards of performance for new stationary sources ... are applicable in this State and are enforceable under the Act (415 ILCS 5/9.1(b)).*
- c) Pushing:
- 1) Uncaptured Emissions:
 - A) Emissions of uncaptured particulate matter from pushing operations must not exceed an average of 20% opacity for four consecutive pushes considering the highest average of six

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consecutive readings in each push. Opacity readings must be taken at 15-second intervals, beginning from the time the coke falls into the receiving car or is first visible as it emerges from the coke guide, whichever occurs earlier, until the receiving car enters the quench tower or quenching device. For a push of less than 90 seconds duration, the actual number of 15-second readings must be averaged.

- B) Opacity readings must be taken by a qualified observer located in a position where the oven being pushed, the coke receiving car, and the path to the quench tower are visible. The opacity must be read as the emissions rise and clear the top of the coke battery gas mains. The qualified observer must record opacity readings of emissions originating at the receiving car and associated equipment and the coke oven, including the standpipe on the coke side of the oven being pushed. Opacity readings must be taken in compliance with 40 CFR 60.Appendix A, Method 9, incorporated by reference in Section 212.113, except that Section 2.5 for **date** **data** reduction must not be used. The qualified observer under this subsection must be certified under 40 CFR 60.Appendix A, Method 9, incorporated by reference in Section 212.113. *The provisions of Section 111 of the federal Clean Air Act (42 **USC U.S.C.** 7411), as amended, relating to standards of performance for new stationary sources...are applicable in this State and are enforceable under the Act (415 ILCS 5/9.1(b)).*

2) Emissions from Control Equipment

- A) The particulate emissions from control equipment used to control emissions during pushing operations must not exceed 0.040 lbs/T of coke pushed. Compliance must be determined in compliance with 40 CFR 60.Appendix A, Methods 1 through 5, incorporated by reference in Section 212.113. *The provisions of Section 111 of the federal Clean Air Act (42 **USC U.S.C.** 7411), as amended, relating to standards of performance for new stationary sources...are applicable in this State and are enforceable under the Act (415 ILCS 5/9.1(b)).* Compliance must be based on an arithmetic average of three runs (stack tests), and the calculations must be based on the duration of a push as defined in subsection

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(c)(1)(A).

- B) The opacity of emissions from control equipment used to control emissions during pushing operations must not exceed 20%. For a push of less than six minutes duration, the actual number of 15-second readings taken must be averaged. Compliance must be determined in compliance with 40 CFR 60. Appendix A, Method 9, incorporated by reference in Section 212.113. *The provisions of Section 111 of the federal Clean Air Act (42 ~~USC~~U.S.C. 7411), as amended, relating to standards of performance for new stationary sources ... are applicable in this State and are enforceable under ~~the Act~~the Act (415 ILCS 5/9.1(b)).* Method 9, Section 2.5 for data reduction must not be used for pushes of less than six minutes duration.
- d) Coke Oven Doors.
- 1) A person must not cause or allow visible emissions from more than 10% of all coke oven doors at any time. Compliance must be determined by a one pass observation of all coke oven doors on any one battery.
 - 2) A person must not cause or allow the operation of a coke oven unless there is on the plant premises at all times an adequate inventory of spare coke oven doors and seals, and unless there is a readily available coke oven door repair facility.
- e) Coke Oven Lids. A person must not cause or allow visible emission from more than 5% of all coke oven lids at any time. Compliance must be determined by a one pass observation of all coke oven lids.
- f) Coke Oven Offtake Piping. A person must not cause or allow visible emissions from more than 10% of all coke oven offtake piping at any time. Compliance must be determined by a one pass observation of all coke oven offtake piping.
- g) Coke Oven Combustion Stack.
- 1) A person must not cause or allow the emissions of particulate matter from a coke oven combustion stack to exceed 110 mg/dscm (0.05 gr/dscf); and

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- 2) A person must not cause or allow the emission of particulate matter from a coke oven combustion stack to exceed 30% opacity. Compliance must be determined in compliance with 40 CFR 60. Appendix A, Method 9, incorporated by reference in Section 212.113. However, the opacity limit does not apply to a coke oven combustion stack when a leak between any coke oven and the oven's vertical or crossover flues is being repaired, after pushing coke from the oven is completed, but before resuming charging. The exemption from the opacity limit must not exceed three hours per oven repaired. The owner ~~or~~ operator must keep written records identifying the oven repaired and the date, time, and duration of all repair periods. These records are subject to Section 212.324(g)(4) and (g)(5).
- h) Quenching.
- 1) All coke oven quench towers must be equipped with grit arrestors or equipment of comparable effectiveness. Baffles must cover 95% or more of the cross sectional area of the exhaust vent or stack and must be maintained. Quench water must not include untreated coke by-product plant effluent. All water placed on the coke being quenched must be quench water.
 - 2) Total dissolved solids concentrations in the quench water must not exceed a weekly average of 1,200 mg/L.
 - 3) The quench water must be sampled for total dissolved solids concentrations in compliance with the methods in Standard Methods for the Examination of Water and Wastewater, Section 2540C, Total Dissolved Solids Dried at 180 °C, 24th Edition, 2020, incorporated by reference in Section 212.113. Analyses must be performed on grab samples of the quench water as applied to the coke. Samples must be collected a minimum of five days per week per quench tower and analyzed to report a weekly concentration. The samples for each week must be analyzed either:
 - i) Separately, with the average of the individual daily concentrations determined; or
 - ii) As one composite sample, with equal volumes of the individual daily samples combined to form the composite sample.

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- 4) The records required under this subsection must be kept and maintained for at least three years and upon notice must be available for inspection and copying by Agency representatives during work hours.
- i) Work Rules: A person must not cause or allow the operation of a by-product coke plant except in compliance with operating and maintenance work rules approved by the Agency.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.444 Sinter Processes

Emissions of particulate matter from sinter processes must be controlled as follows:

- a) Breaker Box. A person must not cause or allow the emission of particulate matter into the atmosphere from the breaker stack of any sinter process to exceed the allowable emission rate under Section 212.321.
- b) Main Windbox. A person must not cause or allow the emission of particulate matter into the atmosphere from the main windbox of any existing sinter process to exceed 1.2 times the allowable emission rate under Section 212.321.
- c) Balling Mill Drum, Mixing Drum, Pug Mill, and Cooler. A person must not cause or allow the emission of visible particulate matter into the atmosphere from any balling mill drum, mixing drum, pug mill, or cooler to exceed 30% opacity.
- d) Hot and Cold Screens.
 - 1) Particulate matter emissions from all hot and cold screens must be controlled by air pollution control equipment or an equivalent dust suppression system. Emissions from that air pollution control equipment must not exceed 69 mg/dscm (0.03 gr/dscf).
 - 2) If the owner or operator can establish that the particulate matter emissions from the hot screens and cold screens do not exceed the aggregate of the allowable emissions under Section 212.321 or 212.322, whichever is applicable, then subsection (d)(1) does not apply.

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(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.445 Blast Furnace Cast Houses

- a) **Uncaptured Emissions.**
- 1) Emissions of uncaptured particulate matter from any opening in a blast furnace cast house must not exceed 20% opacity on a six-minute rolling average basis beginning from initiation of the opening of the tap hole to the point where the iron and slag stops flowing in the trough.
 - 2) Opacity readings must be taken in compliance with the observation procedures in 40 CFR 60. Appendix A, Method 9, incorporated by reference in Section 212.113.
- b) **Emissions from Control Equipment**
- 1) Particulate matter emissions from control equipment used to collect any of the emissions from the tap hole, trough, iron or slag runners, or iron or slag spouts must not exceed 0.023 g/dscm (0.010 gr/dscf). Compliance must be determined in compliance with 40 CFR 60. Appendix A, Methods 1 through 5, incorporated by reference in Section 212.113, and must be based on the arithmetic average of three runs. Calculations must be based on the duration of a cast defined in subsection (a)(1).
 - 2) The opacity of emissions from control equipment used to collect any of the particulate matter emissions from the tap hole, trough, iron or slag runners, or iron or slag spouts must not exceed 10% on a six-minute rolling average basis. Opacity readings must be taken in compliance with the observation procedures in 40 CFR 60. Appendix A, Method 9, incorporated by reference in Section 212.113.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.446 Basic Oxygen Furnaces

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Emissions of particulate matter from basic oxygen processes must be controlled as follows:

- a) Charging, Refining and Tapping. Particulate matter emissions from all basic oxygen furnaces (BOF) must be collected and ducted to pollution control equipment. Unless subsection (c) applies, emissions from BOF operations during the entire cycle (operations from the beginning of the charging process through the end of the tapping process) must not exceed the allowable emission rate under Section 212.321 or 212.322, whichever applies. To compute the process weight rate for this subsection, nongaseous material charged to the furnace and process oxygen must be included. The computation must not include any material more than once.
- b) Hot Metal Transfer, Hot Metal Desulfurization, and Ladle Lancing.
 - 1) Particulate matter emissions from hot metal transfers to a mixer or ladle, hot metal desulfurization operations, and ladle lancing must be collected and ducted to pollution control equipment, and emissions from the pollution control equipment must not exceed 69 mg/dscm (0.03 gr/dscf).
 - 2) If the owner or operator can establish that the total particulate matter emissions from hot metal transfers, hot metal desulfurization operations, and ladle lancing operations combined do not exceed the allowable emissions under Section 212.321 or 212.322, whichever applies, where the process weight rate (P) is the hot metal charged to the BOF vessel, then subsection (b)(1) does not apply.
- c) A person must not cause or allow uncaptured emissions from any opening in the building housing the BOF shop to exceed an opacity of 20% at integrated iron and steel plants in the vicinity of Granite City, as described in Section 212.324(a)(1)(C). Compliance with this subsection must be determined in compliance with 40 CFR 60. Appendix A, Method 9, incorporated by reference in Section 212.113, except that compliance must be determined by averaging any 12 consecutive observations taken at 15-second intervals.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.447 Hot Metal Desulfurization Not Located in the BOF

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The particulate matter emissions from hot metal desulfurization must be collected and ducted to pollution control equipment, and emissions from the pollution control equipment must not exceed 69 mg/dscm (0.03 gr/dscf).

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.448 Electric Arc Furnaces

The total particulate emissions from meltdown and refining, charging, tapping, slagging, electrode port leakage, and ladle lancing must not exceed the allowable emission rate under Section 212.321 or 212.322, whichever applies.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.449 Argon-Oxygen Decarburization Vessels

The total particulate matter emissions from all charging, refining, alloy addition, and tapping operations must not exceed the allowable emission rate under Section 212.321 or 212.322, whichever applies.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.450 Liquid Steel Charging

Particulate matter emissions from liquid steel charging in continuous casting operations must be controlled by chemical or mechanical shrouds or methods of comparable effectiveness.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.451 Hot Scarfing Machines

All hot scarfing machines must be controlled by pollution control equipment. Emissions from that pollution control equipment must not exceed 69 mg/dscm (0.03 gr/dscf) during hot scarfing operations. The hot scarfing machine existing on January 1, 1987, and operated by the LTV Steel Company, Inc., at its Chicago Works, which employs wet scrubbers, may emit particulate

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matter in amounts not exceeding 138 mg/dscm (0.06 gr/dscf) during hot scarfing operations so long as emissions do not exceed 23 mg/dscm (0.01 gr/dscf) as an hourly average, as measured per hour.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.452 Measurement Methods

Particulate matter emissions from emission units subject to Sections 212.441 through 212.451 must be determined in compliance with procedures in 40 CFR 60.Appendix A, Methods 1 through 5, front one-half of the sampling train, incorporated by reference in Section 212.113. Visible emission evaluation to determine compliance must be conducted in compliance with procedures in 40 CFR 60.Appendix A, Method 9, incorporated by reference in Section 212.113.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.455 Highlines on Steel Mills

Section 212.308 does not apply to highlines at steel mills.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.456 Certain Small Foundries

Sections 212.321 and 212.322 do not apply to foundry cupolas if all the following conditions are met:

- a) The cupola existed before April 15, 1967;
- b) The cupola process weight rate is less than or equal to 20,000 lbs/hr;
- c) The cupola as of April 14, 1972, either:
 - 1) Complies with the following allowable emissions from small foundries under this Section:

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	Process Weight Rate-	Allowable Emission
	lbs/hr <u>lbs/hr</u>	Rate- lbs/hr <u>lbs/hr</u>
	1,000	3.05
	2,000	4.70
	3,000	6.35
	4,000	8.00
	5,000	9.58
	6,000	11.30
	7,000	12.90
	8,000	14.30
	9,000	15.50
	10,000	16.65
	12,000	18.70
	16,000	21.60
	18,000	23.40
	20,000	25.10

(BOARD NOTE: For process weight rates not listed, straight line interpolation between two consecutive process weight rates must be used to determine allowable emission rates.); or

- 2) Complies with the terms and conditions of a variance granted by the Board; and construction has commenced on equipment or modifications sufficient to achieve compliance with subsection (c)(1).

(Source: Amended at 50 Ill. Reg. , effective)

Section 212.457 Certain Small Iron-Melting Air Furnaces

Section 212.322 does not apply to iron-melting air furnaces if all the following conditions are met:

- a) The air furnace existed before April 15, 1967, and is located in Hoopston, Vermilion County, Illinois;
- b) The air furnace process weight rate is less than or equal to 5,000 lbs/hr;

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- c) The air furnace as of November 23, 1977, either:
 - 1) Complies with the following allowable emissions from small iron-melting air furnaces under this Section:

	Process Weight Rate- lbs/hr <u>lbs/hr</u>	Allowable Average Emission Rate lbs/hr <u>lbs/hr</u>
	1,000	6.10
	2,000	9.40
	3,000	12.70
	4,000	16.00
	5,000	19.16

(BOARD NOTE: The average emission rate is computed by dividing the sum of the emissions during operation by the number of hours of operation, excluding any time during which the equipment is idle. For process weight rates not listed, straight line interpolation between two consecutive process weight rates must be used to determine allowable average emission rates.); or

- 2) Complies with the terms and conditions of a variance granted by the Board; and construction has commenced on equipment or modifications sufficient to achieve compliance with subsection (c)(1).

(Source: Amended at 50 Ill. Reg. , effective)

Section 212.458 Emission Units in Certain Areas

- a) Applicability. This Section applies to emission units located in the areas defined in Section 212.324(a)(1).
- b) Emission Limitation. A person must not cause or allow emissions of PM₁₀, other than fugitive particulate matter, into the atmosphere to exceed the following limits during any one-hour period:
 - 1) 15.9 ng/J (0.037 lbs/MMbtu) of heat input from any fuel combustion emission unit located at the steel plant between 106th and 111th Streets in

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City of Chicago;

- 2) 22.9 mg/scm (0.01 gr/scf) for the BOF additive systems in the Village of Riverdale;
- 3) 4.3 ng/J (0.01 lbs/MMbtu) of heat input from burning fuel in the soaking pits in the Village of Riverdale;
- 4) 64.08 mg/scm (0.028 gr/scf) from the electrostatic precipitator discharge of the basic oxygen process in the Village of Riverdale;
- 5) 45.8 mg/scm (0.02 gr/scf) from the pickling process at a steel plant in the Village of Riverdale;
- 6) 5% opacity for coal handling systems equipped with fabric filters at a steel plant located in the City of Chicago;
- 7) 22.9 mg/scm (0.01 gr/scf) from any process emissions emission unit located at integrated iron and steel plants in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C), except as otherwise provided in this Section or in Sections 212.443 and 212.446;
- 8) 5% opacity for continuous caster spray chambers or continuous casting operations at steel plants in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C);
- 9) ~~32.25~~32.25 ng/J (0.075 lbs/MMbtu) of heat input from burning coke oven gas at all emission units other than coke oven combustion stacks at steel plants in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C);
- 10) 38.7 ng/J (0.09 lbs/MMbtu) of heat input from the slab furnaces at steel plants in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C);
- 11) 22.9 mg/scm (0.01 gr/scf) for all process emission units at secondary lead processing plant located in Granite City, except the salt flux crusher;
- 12) ~~22.9~~22.9 mg/scm (0.01 gr/scf) for any melting furnace at a secondary

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aluminum smelting and refining plant in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C);

- 13) 45.8 mg/scm (0.02 gr/scf) from the No. 6 mill brusher and metal chip handling system at a secondary aluminum smelting and refining plant located in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C);
- 14) 0.05 kg/Mg (0.10 lb/T) of sand processed from molding sand forming systems at a steel foundry plant located in Granite City;
- 15) 0.01 kg/Mg (0.02 lbs/T) of sand processed from recycle sand shakeouts at a steel foundry plant located in Granite City;
- 16) At a steel foundry plant located in Granite City:
 - A) 20% opacity for all emission units; and
 - B) 22.9 mg/scm (0.01 gr/scf) for all ~~other~~ process emission units, except the sand dryer, sand cooler, chill tumbler, paint booth, chromite reclamation, core baking ovens, electric arc shop roof ventilators, and emission units listed in subsections (b)(14) and (b)(15);
- 17) 41.2 mg/scm (0.018 gr/scf) for cold rolling mill emission units at a metal finishing plant located in the Village of McCook;
- 18) 2.15 ng/J (0.005 lbs/MMbtu) of heat input from burning fuel in any process emission unit at a secondary aluminum smelting and refining plant, aluminum finishing plant, or both;
- 19) 22.9 mg/scm (0.01 gr/scf) from dross pad, dross cooling, and dross mixing units at a secondary aluminum smelting and refining plant, aluminum finishing plant, or both;
- 20) 12.9 ng/J (0.03 lbs/MMbtu) of heat input from any fuel combustion emission unit that heats air for space heating purposes at a secondary aluminum smelting and refining plant located in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C);

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- 21) 68.7 mg/scm (0.03 gr/scf) for any holding furnace at a secondary aluminum smelting and refining plant in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C);
- 22) 2.15 ng/J (0.005 lb/MMbtu) of heat input from the steel works boilers located at the steel making facilities at a steel plant in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C);
- 23) 27.24 kg/hr (60 lbs/hr) and 0.1125 kg/Mg (.225 lbs/T) of total steel in process, whichever limit is more stringent, for the total of all BOF processes described in Section 212.446(a) and measured at the BOF stack located at a steel plant in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C);
- 24) North and south melting furnaces at a secondary aluminum smelting and refining plant located in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C), cannot be operated simultaneously;
- 25) Magnesium pot furnaces at a secondary aluminum smelting and refining plant located in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C), can be operated no more than two lines at a time;
- 26) 2.15 ng/J (0.005 lbs/MMbtu) of heat input from any fuel combustion emission unit at a secondary aluminum smelting and refining plant, aluminum finishing plant, or both, except as provided in subsection (b)(20);
- 27) 91.6 mg/scm (0.040 gr/scf) and 0.45 kg/hr (1 lb/hr) for melting furnaces Nos. 6, 7, and 8 at a metal finishing plant in the Village of McCook, with operation limited to no more than two of these furnaces at one time;
- 28) 183 mg/scm (0.080 gr/scf) and 0.91 kg/hr (2 lbs/hr) for holding furnaces Nos. 6, 7, and 8 at a metal finishing plant in the Village of McCook, with operation limited to no more than two of these furnaces at one time;
- 29) 54.9 mg/scm (0.024 gr/scf) and 1.81 kg/hr (4 lbs/hr) for melting furnaces Nos. 24, 25, and 26 at a metal finishing plant in the Village of McCook;

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- 30) 34.3 mg/scm (0.015 gr/scf) and 1.81 kg/hr (4 lbs/hr) for melting furnaces Nos. 27, 28, 29, and 30 at a metal finishing plant in the Village of McCook;
 - 31) 32.0 mg/scm (0.014 gr/scf) and 0.45 kg/hr (1 lb/hr) for holding furnaces Nos. 24, 25, and 26 at a metal finishing plant in the Village of McCook, except that during fluxing operation those furnaces may emit 195 mg/scm (0.085 gr/scf) and 2.72 kg/hr (6 lbs/hr);
 - 32) 34.3 mg/scm (0.015 gr/scf) and 0.45 kg/hr (1 lb/hr) for holding furnaces Nos. 27, 28, 29, and 30 at a metal finishing plant in the Village of McCook, except that during fluxing operation those furnaces may emit 217 mg/scm (0.095 gr/scf) and 2.72 kg/hr (6 lbs/hr);
 - 33) Fluxing operations at holding furnaces Nos. 24, 25, 26, 27, 28, 29, and 30 at a metal finishing plant in the Village of McCook must be limited to no more than three at any one time.
- c) Exceptions. The mass emission limits in subsection (b) do not apply to emission units with no visible emissions other than fugitive particulate matter. However, if a stack test is performed, this subsection is not a defense to a finding of a violation of the mass emission limits in subsection (b).
 - d) Maintenance, Repair, and Recordkeeping. Section 212.324(f) and (g) apply to this Section.
 - e) Compliance with this Section is required by December 10, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

SUBPART S: AGRICULTURE

Section 212.461 ~~Grain-Handling~~Grain-Handling and Drying in General

- a) Sections 212.302(a), 212.321, and 212.322 do not apply to grain-handling and grain-drying operations, portable grain-handling equipment, and one-turn storage space.

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- b) Housekeeping Practices. All grain-handling and grain-drying operations, regardless of size, must implement and use the following housekeeping practices:
- 1) Air pollution control devices must be checked daily and cleaned as necessary to insure proper operation.
 - 2) Cleaning and Maintenance.
 - A) Floors must be kept swept and cleaned from boot pit to cupola floor. Roof or bin decks and other exposed flat surfaces must be kept clean of grain and dust that would tend to rot or become airborne.
 - B) Cleaning must be performed in a manner preventing dust from escaping to the atmosphere.
 - C) The yard and surrounding open area, including ditches and curbs, must be cleaned to prevent accumulation of rotting grain.
 - 3) Dump Pit.
 - A) Aspiration equipment must be maintained and operated.
 - B) Dust control devices must be maintained and operated.
 - 4) Head House. The head house must be maintained in such a fashion that visible quantities of dust or dirt are not allowed to escape to the atmosphere.
 - 5) Property. The yard and driveway of any source must be asphalted, oiled, or equivalently treated to control dust.
 - 6) Housekeeping Check List. Housekeeping check lists to be developed by the Agency must be completed by the manager and maintained on the premises for inspection by Agency personnel.
- c) Exemptions. Any grain-handling operation for which construction or modification commenced before June 30, 1975, with a grain through-put of up to

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two million bushels per year and located inside a major population area, and any grain-handling operation or grain-drying operation for which construction or modification commenced before June 30, 1975, located outside of a major population area and required to apply for a permit under Sections 212.462 and 212.463, respectively, must receive that permit despite the control requirements of those respective rules, if the operation can demonstrate that the following conditions exist upon application for or renewal of an operating permit:

- 1) The requirements of subsection (b) are being met; and
- 2) No certified investigation is on file with the Agency indicating an alleged violation before the permit is issued.
 - A) If a certified investigation is on file with the Agency indicating an alleged violation, any applicant may obtain an exemption for certain operations if the applicant can prove to the Agency that those parts of the operation for which they seek exemption are not the probable cause of the alleged violation.
 - B) Applicants requesting an exemption in compliance with subsection (c)(2)(A) may be granted an operating permit for up to 12 months in duration, if an objection is on file with the Agency on which a certified investigation has not been made before the permit is issued.
 - C) An applicant may consider denial of an exemption under this rule as a refusal by the Agency to issue a permit. This denial entitles the applicant to appeal the Agency's decision to the Board under Section 40 of the Act (415 ILCS 5/40).
- d) **Loss of Exemption.** Any grain-handling operation or grain-drying operation for which construction or modification commenced before June 30, 1975, that has received an operating permit under subsection (c) must apply for an operating permit, construction permit, or both under 35 Ill. Adm. Code 201 within 60 days after receiving written notice from the Agency that a certified investigation is on file with the Agency indicating an alleged violation against the operation. The construction permit application must include a compliance plan and project completion schedule showing the grain-handling operation's program or grain-drying operation's program for complying with the standards and limitations

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of Section 212.462 or 212.463 within a reasonable time after the date on which the operation received notice of a certified investigation indicating alleged pollution. However, the operation will not be required to reduce emissions from the parts of the operation that the applicant can prove to the Agency are not the probable cause of the pollution alleged in the certified investigation.

- 1) The written notice of loss of exemption is not a final action of the Agency appealable to the Board.
 - 2) Denial of a permit requested under this subsection is a final action appealable to the Board under Section 40 of the Act (415 ILCS 5/40).
- e) Circumvention. It is a violation of this regulation for any person to attempt to circumvent the requirements of this regulation by establishing a pattern of ownership or source development which, except for that pattern, would otherwise require application of Section 212.462 or 212.463.
- f) Standard on Appeal to Board. In ruling on any appeal of a permit denial under subsection (c) or (d), the Board must not order the permit to be issued by the Agency unless the applicant who has appealed the permit denial has proved to the Board that the grain-handling operation or grain-drying operation which is the subject of the denied application is not injurious to human, plant, or animal life; to health; or to property, and does not unreasonably interfere with the enjoyment of life or property.
- g) Alternate Control of Particulate Emissions.
- 1) Grain-handling or grain-drying operations which were in numerical compliance with Section 212.322 as of April 14, 1972, and continue to comply with Section 212.322 need not comply with the provisions under this Subpart, except the housekeeping practices in this subsection and subsection (b).
 - 2) Grain-handling or grain-drying operations which were not in numerical compliance with Section 212.322 as of April 14, 1972, but which came into compliance with Section 212.321 before April 14, 1972, and continue to comply with Section 212.321 need not comply with this Subpart, except the housekeeping practices in this subsection and in subsection (b).

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- 3) Proof of compliance with this rule must be made by results from stack sampling, material balance, or both obtained from actual testing of the subject emission unit or process and be submitted at the time of an application for or renewal of an operating permit.
- h) Severability. If any provision of these rules and regulations is adjudged invalid, that invalidity does not affect the validity of 35 Ill. Adm. Code, Subtitle B, Chapter I as a whole or of any Part, Subpart, sentence, or clause of ~~it~~it not adjudged invalid.

(Source: Amended at 50 Ill. Reg. , effective)

Section 212.462 ~~Grain-Handling~~Grain-Handling Operations

Unless otherwise exempted under Section 212.461(c) or (d) or allowed to use alternate control under Section 212.461(g), existing grain-handling operations with a total annual grain through-put of 300,000 bushels or more must apply for an operating permit under 35 Ill. Adm. Code 201, and must demonstrate compliance with the following:

- a) Cleaning and Separating Operations.
 - 1) Particulate matter generated during cleaning and separating operations must be captured to the extent necessary to prevent visible particulate matter emissions directly into the atmosphere.
 - 2) For grain-handling sources with a grain through-put of two million bushels or less per year or located outside a major population area, air contaminants collected from cleaning and separating operations must be conveyed through air pollution control equipment which has a rated and actual particulate removal efficiency of at least 90% by weight before release into the atmosphere.
 - 3) For grain-handling sources with a grain through-put exceeding two million bushels per year and located within a major population area, air contaminants collected from cleaning and separating operations must be conveyed through air pollution control equipment which has a rated and actual particulate removal efficiency of at least 98% by weight before release into the atmosphere.

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b) Major Dump-Pit Area. The major dump pit area must comply with either the induced draft requirements in subsection (b)(1) or the requirements in (b)(2).

1) Induced Draft

A) Induced draft must be applied to major dump pits and their associated equipment, including boots, hoppers, and legs, to such an extent that a minimum face velocity is maintained at the effective grate surface sufficient to contain particulate emissions generated in unloading operations. The minimum face velocity at the effective grate surface must be at least 200 fpm, which must be determined by the equation:

$$V = Q/A$$

where:

~~V = face velocity~~

~~Q = induced draft volume in scfm~~

~~A = effective grate area in ft²~~

V = face velocity
Q = induced draft volume in scfm
A = effective grate area in ft²

B) The induced draft air stream for grain-handling sources with a grain through-put of two million bushels or less per year or located outside a major population area must be confined and conveyed through air pollution control equipment which has an overall rated and actual particulate collection efficiency of at least 90% by weight;

C) The induced draft air stream for grain-handling sources with a grain through-put exceeding two million bushels per year and located in a major population area must be confined and conveyed through air pollution control equipment which has an overall rated and actual particulate collection efficiency of at least 98% by weight;

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- D) Means or devices, including quick-closing doors, air curtains, or wind deflectors, must be employed to prevent a wind velocity exceeding 50% of the induced draft face velocity at the pit. However, the means or devices do not have to achieve the same degree of prevention when the ambient air wind exceeds 25 mph. The wind velocity must be measured, with the induced draft system not operating, at a point midway between the dump-pit area walls at the point where the wind exits the dump-pit area and at a height above the dump-pit area floor of approximately two feet; or
- 2) Any equivalent method, technique, system, or combination of ~~them~~adequate ~~them~~ adequate to achieve a minimum a particulate matter emission reduction equal to the reduction which could be achieved by compliance with subsection (b)(1).

(BOARD NOTE: Under Section 9 of the Act, grain elevators meeting specified conditions and "located outside of a major population area, as defined in Section 211.3610 of Title 35 of the Illinois Administrative Code, shall be exempt from the requirements of Section 212.462 of Title 35 of the Illinois Administrative Code.")

- c) Internal Transferring Area.
- 1) The internal transferring area must be enclosed to the extent necessary to prohibit visible particulate matter emissions directly into the atmosphere.
- 2) Air contaminants collected from internal transfer operations for grain-handling sources with a grain through-put of up to two million bushels per year or located outside a major population area must be conveyed through air pollution control equipment which has a rated and actual particulate removal efficiency of at least 90% by weight before release into the atmosphere.
- 3) Air contaminants collected from internal transfer operations for grain-handling sources with a grain through-put exceeding two million bushels per year and located in a major population area must be conveyed through air pollution control equipment which has a rated and actual particulate removal efficiency of at least 98% by weight before release into the atmosphere.

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- d) Load-Out Area
- 1) Truck and hopper car loading must employ socks, sleeves, or equivalent devices which extend six inches below the sides of the receiving vehicle, except for topping off. Choke loading must be considered an equivalent method as long as the discharge is no more than 12 inches above the sides of the receiving vehicle.
 - 2) Box car loading must employ means or devices to prevent emission of particulate matter into the atmosphere to the fullest extent technologically and economically feasible.
 - 3) Watercraft Loading
 - A) Particulate matter emissions generated during loading for grain-handling sources with a grain through-put of up to two million bushels per year or located outside a major population area must be captured in an induced draft air stream, which must be ducted through air pollution control equipment that has a rated and actual particulate matter removal efficiency of at least 90% by weight before release into the atmosphere.
 - B) Particulate matter emissions generated during loading for grain-handling sources with a grain through-put exceeding two million bushels per year and located in a major population area must be captured in an induced draft air stream, which must be ducted through air pollution control equipment that has a rated and actual particulate removal efficiency of at least 98% by weight before release into the atmosphere. However for the portion of grain loaded by trimming machines, particulate matter emission reductions must at a minimum equal the reduction achieved by compliance with subsection (d)(3)(A).
- e) New and Modified Grain-Handling Operations. Grain-handling operations for which construction or modification commenced on or after June 30, 1975, must file applications for construction and operating permits under 35 Ill. Adm. Code 201, and must comply with the control equipment requirements of this Section, except for grain-handling operations for which construction or modification

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commenced on or after June 30, 1975, and which will handle an annual grain through-put of less than 300,000 bushels. However, for this Subpart, an increase in the annual grain through-put without physical alterations or additions to the grain-handling operation is not considered a modification unless the increase exceeds 30% of the annual grain through-put on which the operation's original construction or operating permit was granted. If the grain-handling operation has been operating lawfully without a permit, its annual grain through-put must be determined under the definition of the term "annual grain through-put" at 35 Ill. Adm. Code 211.490.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.463 Grain Drying Operations

Unless otherwise exempted under Section 212.461(c) or (d) or allowed to use alternate control under Section 212.461(g), grain-drying operations for which construction or modification commenced before June 30, 1975, with a total grain-drying capacity exceeding 750 bushels per hour for 5% moisture extraction at manufacturer's rated capacity, using the American Society of Agricultural Engineers Standard S248.3-MAR1976 (R2020) Construction and Rating of Equipment for Drying Farm Crops, incorporated by reference in Section 212.113, must be operated in a manner precluding emission of particulate matter larger than 300 microns mean particle diameter; must apply for an operating permit under 35 Ill. Adm. Code 201; and must comply with the following:

- a) Column Dryers. The largest effective circular diameter of transverse perforations in the external sheeting of a column dryer must not exceed 0.094 inch, and the grain inlet and outlet must be enclosed.
- b) Rack Dryers. No portion of the exhaust air of rack dryers may be emitted to the ambient atmosphere without having passed through a particulate collection screen having a maximum opening of 50 mesh, U.S. Sieve Series. All screens must have adequate self-cleaning mechanisms.
 - 1) For grain-handling facilities with a grain through-put of up to two million bushels per year or located outside a major population area, the exhaust gas from these mechanisms must be ducted through air pollution control equipment which has a rated and actual particulate removal efficiency of 90% by weight before release into the atmosphere.

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- 2) For grain-handling sources with a grain through-put exceeding two million bushels per year and located in a major population area, the exhaust gas from these mechanisms must be ducted through air pollution control equipment which has a rated and actual particulate removal efficiency of 98% by weight before release into the atmosphere.
- c) Other Types of Dryers. All other types of dryers must be controlled in a manner achieving the same degree of control required for rack dryers under subsection (b).
- d) New and Modified Grain-Drying Operations. Grain-drying operations constructed or modified on or after June 30, 1975, must file applications for construction and operating permits under 35 Ill. Adm. Code 201, and must comply with the control equipment requirements of this Section, except for new and modified grain-drying operations which do not result in a total grain-drying capacity exceeding 750 bushels per hour for 5% moisture extraction at manufacturer's rated capacity, using the American Society of Agricultural Engineer Standard S248.3-MAR1976 (R2020) Construction and Rating of Equipment for Drying Farm Crops, incorporated by reference at Section 212.113.

(Source: Amended at 50 Ill. Reg. , effective)

Section 212.464 Sources in Certain Areas

- a) Applicability. Despite Section 212.461, this Section applies to sources located in the Lake Calumet area as defined in Section 212.324(a)(1)(B).
- b) Emission Limitations
 - 1) A person must not cause or allow the emission of PM₁₀, other than fugitive particulate matter, into the atmosphere to exceed 22.9 mg/scm (0.01 gr/scf) during any one-hour period from any process emission unit engaged in the drying, storing, mixing, or treating of grain except for column grain dryers. In addition, a person must not cause or allow visible emissions of PM₁₀ other than fugitive particulate matter from grain conveying, transferring, loading, or unloading operations, including garners, scales, and cleaners.

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- 2) A person must not cause or allow the emission of fugitive particulate matter into the atmosphere from barges and other watercraft or truck or rail loading or unloading systems to exceed the limits in Section 212.123.
- 3) Column grain dryers are not be eligible for the exemptions under Section 212.461(g).
- c) Exceptions. The mass emission limits in subsection (b) apply to sources with no visible emissions other than ~~that of~~ fugitive particulate matter. However, if a stack test is performed, this subsection is not a defense to a finding of a violation of the mass emission limits in subsection (b).
- d) Maintenance, Repair, and Recordkeeping. Section 212.324(f) and (g) apply to this Section.
- e) Compliance Date. Emission units must comply with the emission limitations and recordkeeping and reporting requirements of this Section by May 11, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

SUBPART T: CONSTRUCTION AND WOOD PRODUCTS

Section 212.681 Grinding, Woodworking, Sandblasting, and Shotblasting

Sections 212.321 and 212.322 do not apply to the following industries, which are subject to Subpart K:

- a) Grinding;
- b) Woodworking; and
- c) Sandblasting or shotblasting.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

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SUBPART U: ADDITIONAL CONTROL MEASURES

Section 212.700 Applicability

- a) This Subpart applies to sources in the areas designated in and subject to Section 212.324(a)(1) and that have actual annual source-wide emissions of PM₁₀ of at least 15 tons per year.
- b) A source's actual annual source-wide emissions of PM₁₀ is the total of its fugitive emissions and its stack emissions from process emission units and fuel combustion emission units, as provided in the source's Annual Emissions Report submitted under 35 Ill. Adm. Code 254, or for a newly-constructed source or emission unit, the estimated emissions included in the permit application.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.701 Contingency Measure Plans, Submittal, and Compliance Date

- a) Sources subject to this Subpart must prepare contingency measure plans reflecting the PM₁₀ emission reductions in Section 212.703. These plans must become federally enforceable permit conditions. These plans must be submitted to the Agency by November 15, 1994. Despite these requirements, sources that become subject to this Subpart after July 1, 1994, must submit a contingency measure plan to the Agency for review and approval within 90 days after the date on which the source or sources became subject to this Subpart or by November 15, 1994, whichever is later. The Agency must notify sources requiring contingency measure plans, based on the Agency's current information. However, the Agency's failure to notify any source of its requirement to submit contingency measure plans is not a defense to a violation of this Subpart and does not relieve the source of its obligation to timely submit a contingency measure plan.
- b) If the Agency disapproves the initial submittal of a contingency measure plan or a source fails to revise a plan so that it is approvable, the Agency must so notify the source in writing, and the source may treat that notice as a permit denial.
- c) A source with operational changes subject to Sections 212.304, 212.305, 212.306, 212.308, 212.316(a) through (e), 212.424, or 212.464 which require either a new permit or a revision to an existing permit must, within 30 days after those

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changes, submit a request to modify its permit to include a new appropriate contingency measure plan. The new plan must be subject to the requirements of this Subpart.

- d) A source may propose revisions consistent with the requirements of this Subpart and any applicable permitting requirements to its contingency measure plan.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.702 Determination of Contributing Sources

- a) If the review of monitoring data reveals an exceedance of the 24-hour ambient air quality standard for PM₁₀ at 35 Ill. Adm. Code 243.120, the Agency must attempt to determine the source or sources causing or contributing to the exceedance.
- b) In determining whether a source has caused or contributed to an exceedance of the 24-hour ambient air quality standard for PM₁₀, the Agency may take whatever steps are necessary to determine which source or sources are culpable for the exceedance, including:
- 1) Evaluating whether the exceedance can be classified as an "exceptional event" under the "Guideline on the Identification and Use of Air Quality Data Affected by Exceptional Events," incorporated by reference in Section 212.113;
 - 2) Reviewing operating records of each source identified under subsections (b)(3) and (b)(4) to determine whether each identified source experienced a malfunction or breakdown or violated any term or condition of its operating permit which contributed to the exceedance;
 - 3) Evaluating the monitoring equipment filter evidencing the exceedance to determine the types of sources that contributed to the exceedance; and
 - 4) Evaluating meteorological data and conducting dispersion analyses under the "Guideline on Air Quality Models (Revised)," incorporated by reference in Section 212.113, to determine which sources caused or contributed to the exceedance.

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- c) If the Agency determines that the exceedance can be classified as an exceptional event, the Agency must make a written request to USEPA to void the exceedance. If the exceedance has been caused by an "exceptional event," the Agency must make no requests upon any source for Level I or Level II controls under Section 212.704(a) or (b) until USEPA has denied the Agency's request to void the exceedance, or until an additional exceedance of the 24-hour ambient air quality standard which is not due to an exceptional event, as determined by the Agency, has been monitored for the same area.
- d) If the Agency determines that the exceedance was due to a malfunction or breakdown or violation of any term or condition of a source's operating permit, the Agency must contact the source and may pursue appropriate action under 35 Ill. Adm. Code 103.
- e) The Agency's determination of culpability of a source is appealable to the Board under 35 Ill. Adm. Code 106.Subpart J.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.703 Contingency Measure Plan Elements

- a) All sources subject to this Subpart must submit a contingency measure plan. The contingency measure plan must contain two levels of control measures:
 - 1) Level I measures reduce total actual annual source-wide fugitive emissions of PM₁₀ subject to control under Sections 212.304, 212.305, 212.306, 212.308, 212.316(a) through (e), 212.424, or 212.464 by at least 15%.
 - 2) Level II measures reduce total actual annual source-wide fugitive emissions of PM₁₀ subject to control under Sections 212.304, 212.305, 212.306, 212.308, 212.316(a) through (e), 212.424, or 212.464 by at least 25%.
- b) A source may comply with this Subpart through an alternative compliance plan that provides for reductions in emissions equal to the level of reduction of fugitive emissions as required at subsection (a) and which has been approved by the Agency and USEPA as federally enforceable permit conditions. If a source elects

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to include controls on process emission units, fuel combustion emission units, or other fugitive emissions of PM₁₀ not subject to Sections 212.304, 212.305, 212.306, 212.308, 212.316(a) through (e), 212.424, or 212.464 at the source in its alternative control plan, the plan must include a reasonable schedule to implement the controls, not to exceed two years. This implementation schedule is subject to Agency review and approval.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 212.704 Implementation

- a) Following any exceedance of the 24-hour ambient air quality standard for PM₁₀, the Agency must notify each source the Agency has identified as likely to be causing or contributing to an exceedance detected by monitoring. Within 90 days after receiving this notification, each source may implement Level I or Level II measures, as determined under subsection (d).
- b) If there is a violation of the ambient air quality standard for PM₁₀ as determined in compliance with 40 CFR 50.Appendix K, incorporated by reference in Section 212.113, the Agency must notify each source the Agency has identified as likely to be causing or contributing to one or more of the exceedance leading to the violation, and each source must implement Level I or Level II measures, as determined under subsection (e). Each notified source must implement the measures corresponding to fugitive emissions within 90 days after receiving notification and must implement measures corresponding to any nonfugitive emissions according to the approved schedule in the source's alternative control plan. Any source identified as causing or contributing to a violation of the ambient air quality standard for PM₁₀ may appeal any finding of culpability by the Agency to the Board under 35 Ill. Adm. Code 106, Subpart J.
- c) After the finding of a failure to attain by the USEPA Administrator, the Agency must notify all sources in the applicable area required to submit contingency measure plans under Section 212.700 of the Administrator's finding. However, the Agency's failure to notify a source of its requirement to implement its contingency measure plan because of the Administrator's finding is not a defense to a violation of this Subpart and does not relieve the source of its obligation to timely comply with this Section. All sources subject to this Subpart must, within 60 days after receiving notification, implement any Level II measures

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corresponding to fugitive emissions subject to control under Sections 212.304, 212.305, 212.306, 212.308, 212.316(a) through (e), 212.424, or 212.464 and must implement any Level II measures corresponding to any nonfugitive emissions of PM₁₀ according to the approved schedule in the source's alternative control plan, unless the corresponding Level II controls have been previously implemented by the sources under subsection (a) or (b).

- d) The Agency must request that sources comply with the Level I or Level II measures of their contingency measure plans under subsection (a) as follows:
 - 1) Level I measures must be requested when the magnitude of the monitored exceedance at a given air quality monitor is less than or equal to 170 $\mu\text{g}/\text{m}^3$.
 - 2) Level II measures must be requested when the magnitude of the monitored exceedance at a given air quality monitor exceeds 170 $\mu\text{g}/\text{m}^3$.
- e) The Agency must require that sources comply with the Level I or Level II measures of their contingency measure plans under subsection (b) as follows:
 - 1) Level I measures must be required when the design value of a violation of the 24-hour ambient air quality standard, as computed under 40 CFR 50.Appendix K, incorporated by reference in Section 212.113, is less than or equal to 170 $\mu\text{g}/\text{m}^3$.
 - 2) Level II measures must be required when the design value of a violation of the 24-hour ambient air quality standard, as computed under 40 CFR 50.Appendix K, incorporated by reference in Section 212.113, exceeds 170 $\mu\text{g}/\text{m}^3$.

(Source: Amended at 50 Ill. Reg. , effective
)

Section 212.705 Alternative Implementation

If the Agency determines that more than one source is a contributing source under Section 212.702, the Agency may accept controls from fewer than all of the sources identified as culpable, where some of the culpable sources achieve levels of control greater than required for all culpable sources.

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- a) For this Section, an "identified source" is a source determined to be culpable for an exceedance of the 24-hour ambient air quality standard.
- b) For this Section, a "participating source" is another source that is also identified as culpable by the Agency for the monitored exceedance.
- c) For this Section, "equivalent air quality benefits" must be determined by conducting one or more dispersion analyses in compliance with the "Guideline on Air Quality Models (revised)," incorporated by reference in Section 212.113.
- d) An identified source may elect to achieve compliance with this Subpart by obtaining equivalent air quality benefits from PM₁₀ emissions reductions at a participating source as the identified source would achieve, if the PM₁₀ emissions reductions to be achieved by the participating source under this Section are in addition to any other obligation it may have under this Subpart to reduce PM₁₀ emissions.
- e) If an identified source elects to rely on this Section to demonstrate compliance with this Subpart:
 - 1) The identified source must demonstrate to the Agency that it will achieve equivalent air quality benefits from PM₁₀ emission reductions at the participating source as the identified source subject to this Subpart would achieve;
 - 2) The PM₁₀ emissions reductions from the participating source that the identified source is relying upon to demonstrate compliance with this Subpart must be reflected as federally enforceable permit conditions of the participating source's permit;
 - 3) The participating source must implement any emissions reductions for fugitive emissions of PM₁₀ within 90 days after the identified source would have been required to implement Level I or Level II measures under this Subpart; and
 - 4) The participating source must submit a reasonable schedule to implement any PM₁₀ emission reductions from controls on process emission units, fuel combustion emission units, or other fugitive emissions of PM₁₀ at the

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participating source not subject to control under Sections 212.304, 212.305, 212.306, 212.308, 212.316(a) through (e), 212.424, or 212.464, not to exceed two years from the date of notification to the identified source that Level I or Level II measures, as appropriate, are required.

(Source: Amended at 50 Ill. Reg. , effective)

Section 212.APPENDIX A Rule into Section Table (Repealed)



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(Source: Repealed at 50 Ill. Reg. _____, effective _____)

Section 212.APPENDIX B Section into Rule Table (Repealed)



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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.APPENDIX C Past Compliance Dates (Repealed)

(Source: Repealed at 50 Ill. Reg. _____, effective
_____)

Summary report:	
Litera Compare for Word 11.8.0.56 Document comparison done on 3/25/2026 9:02:20 AM	
Style name: no quotes	
Intelligent Table Comparison: Active	
Original filename: 35-212RG-P Agency 3.19.26.docx	
Modified filename: 35-212RG-P JCAR 3.23.26.docx	
Changes:	
<u>Add</u>	296
Delete	297
Move From	0
<u>Move To</u>	0
<u>Table Insert</u>	38
Table Delete	224
<u>Table moves to</u>	0
Table moves from	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	0
Embedded Excel	0
Format changes	0
Total Changes:	855

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TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER c: EMISSION STANDARDS AND LIMITATIONS
FOR STATIONARY SOURCES

PART 214
SULFUR LIMITATIONS

SUBPART A: GENERAL PROVISIONS

Section	
214.100	Scope and Organization
214.101	Measurement Methods
214.102	Abbreviations and Units
214.103	Definitions
214.104	Incorporations by Reference

SUBPART B: NEW FUEL COMBUSTION EMISSION SOURCES

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214.121	Large Sources
214.122	Small Sources

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Section	
214.140	Scope
214.141	Sources Located in Metropolitan Areas
214.142	Small Sources Located Outside Metropolitan Areas
214.143	Large Sources Located Outside Metropolitan Areas

SUBPART D: EXISTING LIQUID OR MIXED FUEL
COMBUSTION EMISSION SOURCES

Section	
214.161	Liquid Fuel Burned Exclusively
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SUBPART E: AGGREGATION OF SOURCES OUTSIDE METROPOLITAN AREAS

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- Section
- 214.181 Dispersion Enhancement Techniques
- 214.182 Prohibition
- 214.183 General Formula
- 214.184 Special Formula
- 214.185 Alternative Emission Rate
- 214.186 New Operating Permits

SUBPART F: ALTERNATIVE STANDARDS FOR
SOURCES INSIDE METROPOLITAN AREAS

- Section
- 214.201 Alternative Standards for Sources in Metropolitan Areas
- 214.202 Dispersion Enhancement Techniques

SUBPART K: PROCESS EMISSION SOURCES

- Section
- 214.300 Scope
- 214.301 General Limitation
- 214.302 Exception for Air Pollution Control Equipment
- 214.303 Use of Sulfuric Acid
- 214.304 Fuel Burning Process Emission Source
- 214.305 Fuel Sulfur Content Limitations

SUBPART O: PETROLEUM REFINING, PETROCHEMICAL
AND CHEMICAL MANUFACTURING

- Section
- 214.380 Scope
- 214.381 Sulfuric Acid Manufacturing
- 214.382 Petroleum and Petrochemical Processes
- 214.383 Chemical Manufacturing
- 214.384 Sulfate and Sulfite Manufacturing

SUBPART P: STONE, CLAY, GLASS, AND CONCRETE PRODUCTS

- Section
- 214.400 Scope
- 214.401 Glass Melting and Heat Treating

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83 214.402 Lime Kilns

84

85 SUBPART Q: PRIMARY AND SECONDARY METAL MANUFACTURING

86

87 Section

88 214.420 Scope

89 214.421 Combination of Fuels at Steel Mills in Metropolitan Areas

90 214.422 Secondary Lead Smelting in Metropolitan Areas

91 214.423 Slab Reheat Furnaces in St. Louis Area

92

93 SUBPART V: ELECTRIC POWER PLANTS

94

95 Section

96 214.521 Winnetka Power Plant (Repealed)

97

98 SUBPART X: UTILITIES

99

100 Section

101 214.560 Scope (Repealed)

102 214.561 E. D. Edwards Electric Generating Station (Repealed)

103 214.562 Coffeen Generating Station (Repealed)

104

105 SUBPART AA: REQUIREMENTS FOR CERTAIN SO₂ SOURCES

106

107 Section

108 214.600 Definitions

109 214.601 Applicability

110 214.602 Compliance Deadline

111 214.603 Emission Limitations

112 214.604 Monitoring and Testing

113 214.605 Recordkeeping and Reporting

114

115 214.APPENDIX A Rule into Section Table (Repealed)

116 214.APPENDIX B Section into Rule Table (Repealed)

117 214.APPENDIX C Method Used to Determine Average Actual Stack Height and Effective
118 Height of Effluent Release

119 214.APPENDIX D Past Compliance Dates (Repealed)

120

121 AUTHORITY: Implementing Section 10 and authorized by Section 27 of the Environmental
122 Protection Act [415 ILCS 5/10 and 27].

123

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124 SOURCE: Adopted as Chapter 2: Air Pollution, Rule 204: Sulfur Emission Standards and
125 Limitations, R71-23, 4 PCB 191, filed and effective April 14, 1972; amended in R74-2 and
126 R75-5, 32 PCB 295, at 3 Ill. Reg. 5, p. 777, effective February 3, 1979; amended in R74-2,
127 R75-5, 38 PCB 129, at 4 Ill. Reg. 28, p. 417, effective June 26, 1980; amended in R78-17, 40
128 PCB 291, at 5 Ill. Reg. 1892, effective February 17, 1981; amended in R77-15, 44 PCB 267, at 6
129 Ill. Reg. 2146, effective January 28, 1982; amended and renumbered in R80-22(A) at 7 Ill. Reg.
130 4220, effective March 28, 1983; codified at 7 Ill. Reg. 13597; amended in R80-22(B) at 8 Ill.
131 Reg. 6172, effective April 24, 1984; amended in R84-28 at 10 Ill. Reg. 9806, effective May 20,
132 1986; amended in R86-31 at 12 Ill. Reg. 17387, effective October 14, 1988; amended in R86-30
133 at 12 Ill. Reg. 20778, effective December 5, 1988; amended in R87-31 at 15 Ill. Reg. 1017,
134 effective January 15, 1991; amended in R02-21 at 27 Ill. Reg. 12101, effective July 11, 2003;
135 amended in R04-12/20 at 30 Ill. Reg. 9671, effective May 15, 2006; amended in R15-21 at 39 Ill.
136 Reg. 16174, effective December 7, 2015; amended in R18-21 at 50 Ill. Reg. at _____,
137 effective _____.
138

139 SUBPART A: GENERAL PROVISIONS
140

141 **Section 214.100 Scope and Organization**
142

- 143 a) This Part sets standards and limitations for emission of sulfur from stationary
144 sources.
- 145
- 146 b) Sources subject to this Part may be required to obtain a permit under 35 Ill. Adm.
147 Code 201.
- 148
- 149 c) Despite this Part, the air quality standards in 35 Ill. Adm. Code 243 may not be
150 violated.
- 151
- 152 d) This Part includes Subparts organized as follows:
153
 - 154 1) Subpart A: General Provisions
 - 155
 - 156 2) Subparts B - J: Fuel Combustion Emission Sources and Incinerators
 - 157
 - 158 3) Subparts K - M: Process Emission Sources
 - 159
 - 160 4) Subparts N - End: Industry and site-specific rules.

161
162 BOARD NOTE: While subsection (d) describes the organization of this Part, the rules
163 themselves establish their applicability and effect.
164

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(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 214.101 Measurement Methods

A determination of noncompliance based on any subsection of this Section is not be refuted by evidence of compliance with any other subsection.

- a) Sulfur Dioxide Measurement. Measurement of sulfur dioxide emissions from stationary sources must be made according to an applicable method specified in 40 CFR 60.Appendix A, Method 6, 6A, 6B, or 6C, incorporated by reference in Section 214.104(a), or by measurement procedures under 40 CFR 60.8(b), incorporated by reference in Section 214.104(b), or by an installed certified continuous emissions monitoring system or an alternative monitoring method available under 40 CFR 75, incorporated by reference in Section 214.104(e).
- b) Sulfuric Acid Mist and Sulfur Trioxide Measurement. Measurement of sulfuric acid mist and sulfur trioxide must be according to the barium-thorin titration method in 40 CFR 60.Appendix A, Method 8, incorporated by reference in Section 214.104(a), or a controlled condensate method approved in writing by the Illinois Environmental Protection Agency-~~(Agency)~~.
- c) Solid Fuel Averaging Measurement Daily Analysis Method. This subsection applies to sources at plants with total solid fuel-fired heat input capacity exceeding 439.5 MW (1,500 MMbtu/hr). If daily fuel analysis is used to demonstrate compliance or noncompliance with Sections 214.122, 214.141, 214.142(a), 214.162, 214.186, and 214.421, the sulfur dioxide emission rate to be compared to the emission limit must be the result of averaging daily samples taken over any consecutive two-month period if no more than 5% of the sample values are greater than 20% above the sample average. If samples from a source cannot meet this statistical criterion, each individual daily sample analysis for the source must be compared to the source's emission limit to determine compliance. The specific ASTM procedures incorporated by reference in Section 214.104(c) must be used for solid fuel sampling, sulfur, and heating value determinations.
- d) Weekly Analysis Method. This subsection applies to sources at plants with total solid fuel-fired heat input capacity exceeding 146.5 MW (500 MMbtu/hr) but not exceeding 439.5 MW (1,500 MMbtu/hr). These plants must demonstrate compliance or noncompliance with Sections 214.122, 214.141, 214.142(a), 214.162, 214.186, and 214.421 by either an analysis of calendar weekly composites of daily fuel samples or by compliance with subsection (c), at the

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206 option of the plant. The specific ASTM procedures incorporated by reference in
207 Section 214.104(c) must be used for sulfur and heating value determinations.
208

209 e) Monthly Analysis Method. This subsection applies to sources at plants with total
210 fuel-fired heat input capacity exceeding 14.65 MW (50 MMBtu/hr) but not
211 exceeding 146.5 MW (500 MMBtu/hr). These plants must demonstrate
212 compliance or noncompliance with Sections 214.122, 214.141, 214.142(a),
213 214.162, 214.186, and 214.421 by either an analysis of calendar monthly
214 composites of daily fuel samples or by compliance with subsection (c), at the
215 option of the plant. ASTM procedures incorporated by reference in Section
216 214.104(c) must be used for sulfur and heating value determinations.
217

218 f) Small Source Alternative Method. This subsection applies to sources at plants
219 with total solid fuel-fired heat input capacity not exceeding 14.65 MW (50
220 MMBtu/hr). Compliance or noncompliance with Sections 214.122, 214.141,
221 214.142(a), 214.162, 214.186, and 214.421 must be demonstrated by a calendar
222 month average sulfur dioxide emission rate.
223

224 g) Exemptions. Subsections (c) through (f) do not apply to sources controlling sulfur
225 dioxide emissions by flue gas desulfurization equipment or by sorbent injection.
226

227 h) Hydrogen Sulfide Measurement. To determine compliance with Section
228 214.382(c), the concentration of hydrogen sulfide in petroleum refinery fuel gas
229 must be measured using the Tutwiler Procedure in 40 CFR 60.648, incorporated
230 by reference in Section 214.104(d).
231

232 (Source: Amended at 50 Ill. Reg. _____, effective
233 _____)
234

235 **Section 214.102 Abbreviations and Units**
236

237 a) This Part uses the following abbreviations:
238

BTU or btu	British thermal units
ft	foot
gr	grains
J	Joule
kg	kilogram
kg/MW-hr	kilograms per megawatt-hour
km	kilometer
lbs	pounds

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lbs/MMbtu	pounds per million btu
m	meter
mg	milligram
Mg	megagram, metric ton or tonne
mi	mile
MMbtu	million British thermal units
MMbtu/hr	million British thermal units per hour
MW	megawatt; one million watts
MW-hr	megawatt-hour
ng	nanogram; one billionth of a gram
ng/J	nanograms per Joule
ppm	parts per million
scf	standard cubic foot
scm	standard cubic meter
SO ₂	sulfur dioxide
T	English ton

239
240
241

b) This Part uses the following conversion factors:

English	Metric
2.205 lb	1 kg
1 T	0.907 Mg
1 lb lb/T	0.500 kg/Mg
MMbtu/hr	0.293 MW
1 lb/MMbtu	1.548 kg/MW-hr
1 mi	1.61 km
1 gr/scf	2289 mg/scm

242
243
244
245

(Source: Amended at 50 Ill. Reg. _____, effective _____)

246 **Section 214.104 Incorporations by Reference**

247
248
249
250

The following materials are incorporated by reference. These incorporations do not include any later amendments or editions.

251 a) 40 CFR 60, Appendix A (2024):

252
253
254

1) Appendix A-1

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- 255 A) Method 1 ~~---~~ Sample and Velocity Traverses for Stationary
256 Sources;
257
- 258 B) Method 2 ~~---~~ Determination of Stack Gas Velocity and Volumetric
259 Flow Rate;
260
- 261 2) Appendix A-2: Method 3 ~~---~~ Gas Analysis for the Determination of Dry
262 Molecular Weight;
263
- 264 3) Appendix A-3: Method 4 ~~---~~ Determination of Moisture Content in Stack
265 Gases;
266
- 267 4) Appendix A-4
268
- 269 A) Method 6 ~~---~~ Determination of Sulfur Dioxide Emissions From
270 Stationary Sources;
271
- 272 B) Method 6A ~~---~~ Determination of Sulfur Dioxide, Moisture, and
273 Carbon Dioxide Emissions From Fossil Fuel Combustion Sources;
274
- 275 C) Method 6B ~~---~~ Determination of Sulfur Dioxide and Carbon
276 Dioxide Daily Average Emissions From Fossil Fuel Combustion
277 Sources;
278
- 279 D) Method 6C ~~---~~ Determination of Sulfur Dioxide Emissions From
280 Stationary Sources (Instrumental Analyzer Procedure);
281
- 282 E) Method 8 ~~---~~ Determination of Sulfuric Acid Mist and Sulfur
283 Dioxide Emissions From Stationary Sources;
284
- 285 5) Appendix A-7: Method 19 ~~---~~ Determination of Sulfur Dioxide Removal
286 Efficiency and Particulate, Sulfur Dioxide and Nitrogen Oxide Emission
287 Rates.
288
- 289 b) 40 CFR 60.8(b) (2024), Performance Tests.
290
- 291 c) American Society for Testing and Materials, 100 Barr Harbor Drive, West
292 Conshohocken, PA 19428-9555:
293
- 294 1) For solid fuel sampling:
295

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- 296 A) ASTM D-2234-20 – Standard Practice for Collection of a Gross
- 297 Sample of Coal
- 298
- 299 B) ASTM D-2013-21 – Standard Practice for Preparing Coal Samples
- 300 for Analysis
- 301
- 302 2) For sulfur determinations:
- 303
- 304 A) ASTM D-3177 (1984) – Standard Test Methods for Total Sulfur in
- 305 the Analysis Sample of Coal and Coke
- 306
- 307 B) ASTM D-2622-24 – Standard Practice for Preparing Coal Samples
- 308 for Analysis
- 309
- 310 C) ASTM D-3180-15 – Standard Practice for Calculating Coal and
- 311 Coke Analyses from As-Determined to Different Bases
- 312
- 313 D) ASTM D-4239 (1985) – Standard Test Methods for Sulfur in the
- 314 Analysis Sample of Coal and Coke Using High Temperature Tube
- 315 Furnace Combustion Methods
- 316
- 317 3) For heating value determinations:
- 318
- 319 ASTM D-5865-19 – Standard Test Method for Gross Calorific
- 320 Value of Coal and Coke
- 321
- 322 d) Tutwiler Procedure for hydrogen sulfide, 40 CFR 60.648 (2024).
- 323
- 324 e) 40 CFR 75 (2024).
- 325
- 326 f) USEPA's Emission Measurement Center Guideline Document (GD-042),
- 327 Preparation and Review of Site-Specific Emission Test Plans, Revised March
- 328 1999.
- 329

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

SUBPART B: NEW FUEL COMBUSTION EMISSION SOURCES

Section 214.120 Scope

336

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337 Subparts B through F contain general rules for sulfur emissions from fuel combustion emission
338 sources. These may be modified by industry and site-specific rules in Subparts N et seq.
339

340 (Source: Amended at 50 Ill. Reg. _____, effective
341 _____)
342

343 **Section 214.121 Large Sources**
344

345 This Section applies to new fuel combustion emission sources with actual heat input greater than
346 73.2 MW (250 MMbtu/hr).
347

348 a) Only Solid Fuel Burned. A person must not cause or allow the emission of SO₂
349 into the atmosphere in any one-hour period from any new fuel combustion
350 emission source greater than 73.2 MW (250 MMbtu/hr), burning only solid fuel,
351 to exceed 1.86 kg of SO₂ per MW-hr of actual heat input (1.2 lbs/MMbtu).
352

353 (BOARD NOTE: This Section was invalidated in Commonwealth Edison v.
354 PCB, 25 Ill. App.3d 271, 62 Ill.2d 494, 43 N.E.2d 459, 323 N.E.2d 84 (1st Dist.
355 1974), Ashland Chemical Corp. v. PCB, 64 Ill. App.3d 169, 381 N.E. 2d 56 (3rd
356 Dist. 1978), and Illinois State Chamber of Commerce v. PCB, 67 Ill. App.3d 839,
357 384 N.E.2d 922, 78 Ill.2d 1, 398 N.E.2d 9 (Ill. 1979).
358

359 b) Only Liquid Fuel Burned
360

361 1) Before January 1, 2017, a person must not cause or allow the emission of
362 SO₂ into the atmosphere in any one-hour period from any new fuel
363 combustion emission source with actual heat input greater than 73.2 MW
364 (250 MMbtu/hr), burning only liquid fuel, to exceed the following:
365

366 A) 1.2 kg of SO₂ per MW-hr of actual heat input when residual fuel
367 oil is burned (0.8 lbs/MMbtu); and
368

369 B) 0.46 kg of SO₂ per MW-hr of actual heat input when distillate fuel
370 oil is burned (0.3 lbs/MMbtu);
371

372 2) On and after January 1, 2017, the owner or operator of a new fuel
373 combustion emission source with actual heat input greater than 73.2 MW
374 (250 MMbtu/hr), burning only liquid fuel, must comply with the
375 following:
376

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- 377 A) The sulfur content of all residual fuel oil used by the fuel
- 378 combustion emission source must not exceed 1,000 ppm;
- 379
- 380 B) The sulfur content of all distillate fuel oil used by the fuel
- 381 combustion emission source must not exceed 15 ppm; and
- 382
- 383 C) The owner or operator must:
- 384
- 385 i) Maintain records demonstrating that the fuel oil used by the
- 386 fuel combustion emission source complies with subsections
- 387 (b)(2)(A) and (b)(2)(B), such as records from the fuel
- 388 supplier indicating the sulfur content of the fuel oil;
- 389
- 390 ii) Retain the records for at least five years, and provide copies
- 391 of the records to the Agency within 30 days after receiving
- 392 a request by the Agency; and
- 393
- 394 iii) Notify the Agency within 30 days after discovering
- 395 deviations from any of the requirements in this subsection
- 396 (b)(2). In addition to information required by the source's
- 397 permit, the notification must describe the deviations and
- 398 discuss the possible cause of the deviations and any
- 399 corrective actions and preventative measures taken.
- 400

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 214.122 Small Sources

This Section applies to new fuel combustion emission sources with actual heat input less than or equal to 73.2 MW (250 MMBtu/hr).

- 409 a) Only Solid Fuel Burned. A person must not cause or allow the emission of SO₂
- 410 into the atmosphere in any one-hour period from any new fuel combustion source
- 411 with actual heat input less than or equal to 73.2 MW (250 MMBtu/hr), burning
- 412 only solid fuel, to exceed 2.79 kg of sulfur dioxide per MW-hr of actual heat input
- 413 (1.8 lbs/MMBtu).
- 414
- 415 b) Only Liquid Fuel Burned.
- 416
- 417 1) Before January 1, 2017, a person must not cause or allow the emission of

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418 SO₂ into the atmosphere in any one-hour period from any new fuel
419 combustion emission source with actual heat input less than or equal to
420 73.2 MW (250 MMbtu/hr), burning only liquid fuel, to exceed the
421 following:
422

423 A) 1.55 kg of SO₂ per MW-hr of actual heat input when residential
424 fuel oil is burned (1.0 lbs/MMbtu); and
425

426 B) 0.46 kg of SO₂ per MW-hr of actual heat input when distillate fuel
427 oil is burned (0.3 lbs/MMbtu);
428

429 2) On and after January 1, 2017, the owner or operator of a new fuel
430 combustion emission source with actual heat input less than or equal to
431 73.2 MW (250 MMbtu/hr), burning only liquid fuel, must comply with the
432 following:
433

434 A) The sulfur content of all residual fuel oil used by the fuel
435 combustion emission source must not exceed 1,000 ppm;
436

437 B) The sulfur content of all distillate fuel oil used by the fuel
438 combustion emission source must not exceed 15 ppm; and
439

440 C) The owner or operator must:
441

442 ~~i)~~ i) Maintain records demonstrating that the fuel oil used by the
443 fuel combustion emission source complies with subsections
444 (b)(2)(A) and (b)(2)(B), such as records from the fuel
445 supplier indicating the sulfur content of the fuel oil;
446

447 ii) Retain the records for at least five years, and provide copies
448 of the records to the Agency within 30 days after receiving
449 a request by the Agency; and
450

451 iii) Notify the Agency within 30 days after discovering
452 deviations from any of the requirements in this subsection
453 (b)(2). In addition to information required by the source's
454 permit, the notification must describe the deviations, and
455 discuss the possible cause of the deviations and any
456 corrective actions and preventative measures taken.
457

458 (Source: Amended at 50 Ill. Reg. _____, effective

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459 _____)

460

461

SUBPART C: EXISTING SOLID FUEL
COMBUSTION EMISSION SOURCES

462

463

464 **Section 214.140 Scope**

465

466 This Subpart contains rules which establish general sulfur emission standards for existing solid
467 fuel emission sources. These may be modified by the industry and site-specific rules in Subparts
468 N et seq.

469

470 (Source: Amended at 50 Ill. Reg. _____, effective _____)

471

472 **Section 214.141 Sources Located in Metropolitan Areas**

473

474 Except as otherwise provided in this Part, a person must not cause or allow the emission of SO₂
475 into the atmosphere in any one-hour period from any existing fuel combustion source, burning
476 only solid fuel and located in the Chicago, St. Louis (Illinois), or Peoria major metropolitan
477 areas, to exceed 1.8 lbs of SO₂ per MMbtu of actual heat input (774 ng/J).

478

479 a) Sources in Kankakee or McHenry Counties must not exceed 6.8 pounds of SO₂
480 per MMbtu of actual heat input (2,924 ng/J) in any one-hour period.

481

482 b) Existing industrial sources not equipped with flue gas desulfurization systems as
483 of December 1, 1980, and located in the Peoria major metropolitan area must not
484 exceed 5.5 lbs of SO₂ per MMbtu of actual heat input (2,365 ng/J) in any
485 one-hour period if the emissions from any such source in the City of Peoria exit
486 from a stack which is at least 154 ft (47 m) in height.

487

488 c) Sections 214.122 and 214.101(c) do not apply to any fuel combustion emission
489 sources equipped with flue gas desulfurization systems as of December 1, 1980,
490 and located in the City of East Peoria as the city boundaries were then defined. A
491 person must not cause or allow the emission of SO₂ into the atmosphere in any
492 one-hour period from any such sources to exceed 1.4 lbs of SO₂ per MMbtu of
493 actual heat input (602 ng/J).

494

495 d) Sections 214.122 and 214.101(c) do not apply to any fuel combustion emission
496 sources which are capable of firing solid fuel at a heat input of more than 125
497 MMbtu per hour (36.6 MW); as of December 1, 1980, equipped with flue gas
498 desulfurization systems; and located in Hollis Township, Peoria County, as the
499 township boundaries were then defined. A person must not cause or allow the

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500 emission of SO₂ into the atmosphere in any one-hour period from any such
501 sources to exceed 1.1 ~~lbs~~lbs of SO₂ per MMBtu of actual heat input (473 ng/J).

502
503 (Source: Amended at 50 Ill. Reg. _____, effective
504 _____)
505

506 **Section 214.142 Small Sources Located Outside Metropolitan Areas**

507
508 This section applies to existing fuel combustion sources with actual heat input less than or equal
509 to 73.2 MW (250 MMBtu/hr) and located outside the Chicago, St. Louis (Illinois), or Peoria
510 major metropolitan areas. A person must not cause or allow the emission of SO₂ into the
511 atmosphere in any one-hour period from any existing fuel combustion source with actual heat
512 input less than or equal to 73.2 MW (250 MMBtu/hr), burning only solid fuel, and located
513 outside the Chicago, St. Louis (Illinois), or Peoria major metropolitan areas to exceed either of
514 the following, whichever the person determines will apply:
515

- 516 a) 10.5 kg of SO₂ per MW-hr of actual heat input (6.8 lbs/MMBtu), if the owner or
517 operator complies with all applicable provisions of Section 214.186, or
- 518
- 519 b) The emission limit under Subpart E.
- 520

521 (Source: Amended at 50 Ill. Reg. _____, effective
522 _____)
523

524 **Section 214.143 Large Sources Located Outside Metropolitan Areas**

525
526 This section applies to existing fuel combustion sources with actual heat input greater than 73.2
527 MW (250 MMBtu/hr) and located outside the Chicago, St. Louis (Illinois), or Peoria major
528 metropolitan areas. A person must not cause or allow the emission of SO₂ into the atmosphere in
529 any one-hour period from any existing fuel combustion source with actual heat input greater than
530 73.2 MW (250 MMBtu/hr), burning only solid fuel, and located outside the Chicago, St. Louis
531 (Illinois), or Peoria major metropolitan areas to exceed the emission limit under Subpart E.
532

533 (Source: Amended at 50 Ill. Reg. _____, effective
534 _____)
535

536 SUBPART D: EXISTING LIQUID OR MIXED FUEL
537 COMBUSTION EMISSION SOURCES
538

539 **Section 214.161 Only Liquid Fuel Burned**
540

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- 541 a) Before January 1, 2017, a person must not cause or allow the emission of SO₂ into
542 the atmosphere in any one-hour period from any existing fuel combustion
543 emission source, burning only liquid fuel, to exceed the following:
544
- 545 1) 1.55 kg of SO₂ per MW-hr of actual heat input when residual fuel oil is
546 burned (1.0 lbs/MMbtu); and
547
- 548 2) 0.46 kg of SO₂ per MW-hr of actual heat input when distillate fuel oil is
549 burned (0.3 lbs/MMbtu).
550
- 551 b) Except under subsections (c) and (d), on and after January 1, 2017, the owner or
552 operator of an existing fuel combustion emission source, burning only liquid fuel,
553 must comply with the following:
554
- 555 1) The sulfur content of all residual fuel oil used by the fuel combustion
556 emission source must not exceed 1,000 ppm;
557
- 558 2) The sulfur content of all distillate fuel oil used by the fuel combustion
559 emission source must not exceed 15 ppm; and
560
- 561 3) The owner or operator must:
562
- 563 A) Maintain records demonstrating that the fuel oil used by the fuel
564 combustion emission source complies with subsections (b)(1) and
565 (b)(2), such as records from the fuel supplier indicating the sulfur
566 content of the fuel oil;
567
- 568 B) Retain the records for at least five years, and provide copies of the
569 records to the Agency within 30 days after receiving a request by
570 the Agency; and
571
- 572 C) Notify the Agency within 30 days after discovering deviations
573 from any of the requirements in this subsection (b). In addition to
574 information required by the source's permit, the notification must
575 describe the deviations and discuss the possible cause of the
576 deviations and any corrective actions and preventative measures
577 taken.
578
- 579 c) The sulfur content limitation for distillate fuel oil in subsection (b)(2) does not
580 apply to existing electric generating units at Midwest Generation's Joliet station
581 (at or near 1800 Channahon Road, Joliet), Powerton station (at or near 13082 E.

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582 Manito Road, Pekin), Waukegan station (at or near 401 E. Greenwood Avenue,
583 Waukegan), and Will County station (at or near 529 E. 135th, Romeoville). The
584 owner or operator of these electric generating units must instead comply with the
585 following:
586

- 587 1) From January 1, 2016, through December 31, 2018, the sulfur content of
588 all distillate fuel oil purchased for use by these electric generating units
589 must not exceed 15 ppm;
590
- 591 2) From January 1, 2017, through December 31, 2018, the sulfur content of
592 all distillate fuel oil used by these electric generating units must not
593 exceed 500 ppm;
594
- 595 3) On and after January 1, 2019, the sulfur content of all distillate fuel oil
596 used by these electric generating units must not exceed 15 ppm;
597
- 598 4) The owner or operator must:
599
- 600 A) Maintain records demonstrating that the distillate fuel oil
601 purchased from January 1, 2016, through December 31, 2018, for
602 use by the electric generating units complies with subsection
603 (c)(1), such as records from the fuel supplier indicating the sulfur
604 content of the fuel oil, and maintain records indicating the date of
605 purchase of the fuel oil;
606
- 607 B) Maintain records demonstrating that the distillate fuel oil used
608 from January 1, 2017, through December 31, 2018, by the electric
609 generating units, complies with subsection (c)(2), such as records
610 from the fuel supplier indicating the sulfur content of the fuel oil;
611
- 612 C) On and after January 1, 2019, maintain records demonstrating that
613 the distillate fuel oil used by the electric generating units complies
614 with subsection (c)(3), such as records from the fuel supplier
615 indicating the sulfur content of the fuel oil;
616
- 617 D) Retain all records required by this subsection (c) for at least five
618 years, and provide copies of the records to the Agency within 30
619 days after receiving a request by the Agency; and
620
- 621 E) Notify the Agency within 30 days after discovering deviations
622 from any of the requirements in this subsection (c). In addition to

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623 information required by the source's permit, the notification must
624 describe the deviations and discuss the possible cause of the
625 deviations and any corrective actions and preventative measures
626 taken.
627

628 d) The sulfur content limitation for distillate fuel oil in subsection (b)(2) does not
629 apply to existing fuel combustion emission sources at Caterpillar's Montgomery
630 facility (at or near 325 South Route 31, Montgomery). The owner or operator of
631 the fuel combustion emission sources must instead comply with the following:
632

633 1) On and after January 1, 2016:
634

635 A) The sulfur content of all distillate fuel oil purchased for use by the
636 fuel combustion emission sources must not exceed 15 ppm; and
637

638 B) The sulfur content of all distillate fuel oil used by the fuel
639 combustion emission sources must not exceed 500 ppm;
640

641 2) The owner or operator must:
642

643 A) Maintain records demonstrating that the distillate fuel oil
644 purchased on and after January 1, 2016, for use by the fuel
645 combustion emission sources complies with subsection (d)(1)(A),
646 such as records from the fuel supplier indicating the sulfur content
647 of the fuel oil, and maintain records indicating the date of purchase
648 of the fuel oil;
649

650 B) Maintain records demonstrating that the distillate fuel oil used on
651 and after January 1, 2016, by the fuel combustion emission
652 sources complies with subsection (d)(1)(B), such as records from
653 the fuel supplier indicating the sulfur content of the fuel oil;
654

655 C) Retain all records required by this subsection (d) for at least five
656 years, and provide copies of the records to the Agency within 30
657 days after receiving a request by the Agency; and
658

659 D) Notify the Agency within 30 days after discovering deviations
660 from any of the requirements in this subsection (d). In addition to
661 information required by the source's permit, the notification must
662 describe the deviations and discuss the possible cause of the
663 deviations and any corrective actions and preventative measures

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taken.

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 214.162 Combination of Fuels

- a) A person must not cause or allow the emission of SO₂ into the atmosphere in any one-hour period from any fuel combustion emission source burning simultaneously any combination of solid, liquid, and gaseous fuels to exceed the allowable emission rate determined by the following equation:

$$E = S_S H_S + S_d H_d + S_R H_R$$

676
677

- b) Symbols in the equation mean:

- E = allowable SO₂ emission rate;
- S_S = solid fuel SO₂ emission standard which is applicable;
- S_d = distillate oil SO₂ emission standard determined from the table in subsection (d);
- S_R = residual fuel oil SO₂ emission standard;
- H_S = actual heat input from solid fuel;
- H_d = actual heat input from distillate fuel oil;
- H_R = actual heat input from residual fuel oil.

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- c) The portion of the actual heat input that is derived from:
 - 1) The burning of gaseous fuels produced by the gasification of solid fuels must be included in H_S;
 - 2) The burning of gaseous fuels produced by the gasification of distillate fuel oil must be included in H_d;
 - 3) The burning of gaseous fuels produced by the gasification of residual fuel oil must be included in H_R;
 - 4) The burning of gaseous fuels produced by the gasification of any other liquid fuel must be included in H_R; and
 - 5) The burning of by-product gases, such as those produced from a blast furnace or a catalyst regeneration unit in a petroleum refinery, must be

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695 included in H_R.

696

697 d) Metric or English units may be used in the equation of subsection (a) as follows:

698

<u>Parameter</u>	<u>Metric</u>	<u>English</u>
E	kg/hr	lbs/hr
S _S , S _R	kg/MW-hr	lbs/MMbtu
S _d before January 1, 2017	0.46 kg/MW-hr	0.3 lbs/MMbtu
S _d on and after January 1, 2017	0.0023 kg/MW-hr	0.0015 lb/MMbtu
H _S , H _d , H _R	MW	MMbtu

699

700 (Source: Amended at 50 Ill. Reg. _____, effective
701 _____)

702

703 SUBPART E: AGGREGATION OF SOURCES
704 OUTSIDE METROPOLITAN AREAS

705

706 **Section 214.181 Dispersion Enhancement Techniques**

707

708 An owner or operator of an existing fuel combustion emission source must comply with the
709 emission standards of this Subpart by using dispersion enhancement techniques. Dispersion
710 enhancement techniques include an intermittent control system or an increase of: stack height in
711 excess of good engineering practice necessary to prevent downwash or fumigation conditions,
712 stack diameter, exit gas velocity, or exit gas temperature, except under Section 123 of the Clean
713 Air Act (42 ~~USC~~U.S.C. 7423) and regulations promulgated under it. Flue gas may be reheated
714 where air pollution control equipment results in reducing flue gas temperature, if the degree of
715 reheat does not exceed the temperature drop across that air pollution control equipment.

716

717 (Source: Amended at 50 Ill. Reg. _____, effective
718 _____)

719

720 **Section 214.182 Prohibition**

721

722 A person must not cause or allow the total emissions of SO₂ into the atmosphere in any one-hour
723 period from all fuel combustion emission sources located outside of the Chicago, St. Louis
724 (Illinois), or Peoria major metropolitan areas, owned or operated by that person, and located
725 within a one-mile (1.6 km) radius from the center point of any ~~such~~that fuel combustion
726 emission source to exceed the emissions determined by Sections 214.183 through 214.185,
727 whichever applies.

728

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(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 214.183 General Formula

a) The general formula is:

~~(Del)~~
$$E = \frac{(H_A)^{0.11}(H_E)^2}{128} \quad (\text{in English units})$$

$$E = \frac{(H_A)^{0.11}(H_E)^2}{128} \quad (\text{in English units})$$

~~(Del)~~
$$E = 0.04347(H_A)^{0.11}(H_E)^2 \quad (\text{in Metric units})$$

$$E = 0.04347(H_A)^{0.11}(H_E)^2 \quad (\text{in Metric units})$$

b) Symbols used in the general formula mean:

~~E = Total allowable emission of SO₂ (in lbs/hr or kg/hr) into the atmosphere in any one-hour period from all fuel combustion emission sources owned or operated by a person and located within a one-mile (1.6 km) radius from the center point of any such emission source;~~

E = Total allowable emission of SO₂e (in lbs/hr or kg/hr) into the atmosphere in any one-hour period from all fuel combustion emission sources owned or operated by a person and located within a one-mile (1.6 km) radius from the center point of any such emission source;
H_A = Average actual stack height as determined by method outlined in Appendix C.
H_E = Effective height of effluent release as determined by Appendix C.

~~H_A = Average actual stack height as determined by Appendix C;~~

~~H_E = Effective height of effluent release as determined by Appendix C.~~

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 214.184 Special Formula

a) If the maximum total emissions of SO₂ into the atmosphere in any one-hour period from all fuel combustion emission sources owned or operated by any person and located within a ~~one-mile~~one-hour (1.6 km) radius from the center point of any such fuel combustion emission sources exceed, during normal

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cyclical variations in firing rate and fuel, the emissions allowed under Section 214.183 but, as of April 1, 1978, were in compliance with either the formula in subsection (b) or a Pollution Control Board order, then the owner or operator of the emission sources ~~must~~musts not cause or allow the emissions to exceed the emissions allowed under Section 214.183 or the formula in subsection (b), whichever the owner or operator of the emission sources determines will apply.

b)

$$\underline{E} = 20,000 \left(\frac{H_s}{300} \right)^2 \quad (\text{in English units})$$

~~$$E = 20,000 \left(\frac{H_s}{300} \right)^2 \quad (\text{in English units})$$~~

$$\underline{E} = 4.8824 \times 20,000 \left(\frac{H_s}{300} \right)^2 \quad (\text{in Metric units})$$

$$\underline{H} = P_1 H_1 + P_2 H_2 + \dots + P_n H_n$$

~~$$E = 4.8824 \times 20,000 \left(\frac{H_s}{300} \right)^2 \quad (\text{in Metric units})$$~~

~~$$H = P_1 H_1 + P_2 H_2 + \dots + P_n H_n$$~~

(Note: $P_1 + P_2 + \dots + P_n = 1$)

c) As used in these equations, symbols mean:

~~$E =$ total emission of SO₂ (in lbs/hr or kg/hr) into the atmosphere in any one-hour period from all fuel combustion emission sources owned or operated by a person and located within a one-mile (1.6 km) radius from the center point of any such emission source;~~

$\underline{E} =$ total emission of SO₂ in lbs/hr or kg/hr into the atmosphere in any one-hour period from all fuel combustion emission sources owned or operated by a person and located within a one-mile (1.6 km) radius from the center point of any such emission source;

$\underline{P}_i =$ (for $i = 1, 2, \dots, n$) percentage of total emissions E emitted from source i expressed as decimal equivalents (e.g., 21% = 0.21);

$\underline{H}_i =$ (for $i = 1, 2, \dots, n$) physical height (in feet or meters) above grade of stack i .

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782 $P_i =$ (for $i=1, 2, \dots, n$) percentage of total emissions E emitted from source i
 783 expressed as decimal equivalents (e.g., $21\% = 0.21$);
 784 $H_i =$ (for $i=1, 2, \dots, n$) physical height (in feet or meters) above grade of stack i .
 785 (Source: Amended at 50 Ill. Reg. _____, effective
 786 _____)
 787

Section 214.185 Alternative Emission Rate

788
 789
 790 Any owner or operator of a fuel combustion emission source may petition the Board for approval
 791 of an emission rate applicable to any one-hour period for all fuel combustion emission sources
 792 owned or operated by that person and located within a one-mile (1.6 km) radius from the center
 793 point of any such fuel combustion emission source. That person must prove in an adjudicative
 794 hearing before the Board that the proposed emission rate will not under any foreseeable
 795 operating conditions and potential meteorological conditions cause or contribute to a violation of
 796 any applicable primary or secondary SO₂ ambient air quality standard or violate any applicable
 797 prevention of significant deterioration (PSD) increment. An emission rate approved under this
 798 Section substitutes for the standard determined by Section 214.183 or 214.184.
 799

- 800 a) Every owner or operator of a fuel combustion emission source petitioning the
 801 Board for approval of an emission standard under this Section must follow the
 802 applicable procedures in 35 Ill. Adm. Code Subtitle A, Chapter I.
 803
- 804 b) Any emission standard approved under this Section must be included as a
 805 condition in operating permits issued under 35 Ill. Adm. Code 201. Any owner or
 806 operator of a fuel combustion emission source who receives Board approval of an
 807 emission standard under this Section must apply to the Agency within 30 days of
 808 approval of the standard to revise its operating permit for the source.
 809
- 810 c) The Agency must impose as a condition in a permit to operate a source under an
 811 emission standard approved under this Section an ambient SO₂ monitoring and
 812 dispersion modeling program designed to verify that the emission standard will
 813 not cause or contribute to violations of any applicable primary or secondary SO₂
 814 ambient air quality standard. The ambient monitoring and dispersion modeling
 815 program must be operated for at least one year, beginning within six months after
 816 the date an emission rate is approved under this Section.
 817
- 818 d) No more than 15 months after beginning the ambient monitoring and dispersion
 819 modeling program under subsection (c), the owner or operator must apply for a
 820 new operating permit. The owner or operator must submit 2 at the time of the
 821 application a report containing the results of the ambient monitoring and
 822 dispersion modeling program.

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823
824 (Source: Amended at 50 Ill. Reg. _____, effective
825 _____)
826

827 **Section 214.186 New Operating Permits**
828

829 An owner or operator of a fuel combustion emission source whose SO₂ emission limitation is
830 determined by Section 214.142, 214.183~~,~~ or 214.184 must not cause or allow the total emissions
831 of SO₂ into the atmosphere from all fuel combustion emission sources owned or operated by that
832 person and located within a one-mile (1.6 km) radius from the center point of any such fuel
833 combustion source to exceed the level of SO₂ emission allowed under the previous Rule 204
834 (effective April 14, 1972~~,~~ until December 14, 1978) without first obtaining a new operating
835 permit from the Agency. The application for a new operating permit must demonstrate that the
836 total emissions will not violate any applicable PSD increment.
837

838 (Source: Amended at 50 Ill. Reg. _____, effective
839 _____)
840

841 SUBPART F: ALTERNATIVE STANDARDS FOR
842 SOURCES INSIDE METROPOLITAN AREAS
843

844 **Section 214.201 Alternative Standards for Sources in Metropolitan Areas**
845

846 Any owner or operator of an existing fuel combustion emission source located in the Chicago,
847 St. Louis (Illinois), or Peoria major metropolitan areas may petition the Board to approve an
848 alternate emission rate in emissions of pounds of SO₂ per MMBtu of actual heat input for any
849 such fuel combustion emission source, up to a maximum of 6.8 pounds of SO₂ per MMBtu of
850 actual heat input (10.5 kg/MW-hr). The owner or operator must prove in an adjudicative hearing
851 before the Board that the proposed emission rate will not under predictable worst-case conditions
852 cause or contribute to a violation of any applicable primary or secondary SO₂ ambient air quality
853 standard or any applicable PSD increment. An emission rate approved under this Section
854 substitutes for the standard otherwise required by this Part. Nothing in this Section, however,
855 excuses a source subject to Subpart AA from complying with that Subpart.
856

- 857 a) Every owner or operator of an existing fuel combustion emission source
858 petitioning the Board to approve an emission standard must follow the applicable
859 procedures in 35 Ill. Adm. Code, Subtitle A, Chapter I.
860
- 861 b) Any emission standard so approved must be included as a condition in operating
862 permits issued under 35 Ill. Adm. Code, 201. Any owner or operator of a fuel
863 combustion emission source who receives Board approval of the emission

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864 standard must apply to the Agency within 30 days after approval of that standard
865 to revise its operating permit for the source.
866

867 c) An owner or operator of an existing fuel combustion emission source must not
868 seek an alternate emission rate under this Section or comply with an alternate
869 emission rate granted under this Section by using dispersion enhancement
870 techniques under Section 214.202.
871

872 (Source: Amended at 50 Ill. Reg. , effective
873)
874

875 **Section 214.202 Dispersion Enhancement Techniques**
876

877 An owner or operator of an existing fuel combustion emission source must not comply with the
878 emission standards of this Subpart by using dispersion enhancement techniques. Dispersion
879 enhancement techniques include an intermittent control system or an increase of stack height in
880 excess of good engineering practice necessary to prevent downwash or fumigation conditions,
881 stack diameter, exit gas velocity, or exit gas temperature, except under Section 123 of the Clean
882 Air Act (42 ~~USC~~U.S.C.A. 7423) and regulations promulgated under it. Flue gas may be reheated
883 where air pollution control equipment results in reducing flue gas temperature if the degree of
884 reheat does not exceed the temperature drop across that air pollution control equipment.
885

886 (Source: Amended at 50 Ill. Reg. , effective
887)
888

889 **SUBPART K: PROCESS EMISSION SOURCES**
890

891 **Section 214.300 Scope**
892

893 Subpart K contains general rules for sulfur emissions from process sources. These may be
894 modified by industry and site-specific rules in other Subparts of this Part. Subpart K also
895 contains sulfur content limitations for fuel oil used by process emissions sources. These sulfur
896 content limitations apply regardless of industry and site-specific rules set forth in other Subparts
897 of this Part.
898

899 (Source: Amended at 50 Ill. Reg. , effective
900)
901

902 **Section 214.301 General Limitation**
903

904 Except under this Part, a person must not cause or allow the emission of SO₂ into the atmosphere

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905 from any process emission source to exceed 2,000 ppm.

906

907 (Source: Amended at 50 Ill. Reg. _____, effective
908 _____)

909

910 **Section 214.302 Exception for Air Pollution Control Equipment**

911

912 Section 214.301 does not apply to processes designed to remove sulfur compounds from the flue
913 gases of fuel combustion emission sources.

914

915 (Source: Amended at 50 Ill. Reg. _____, effective
916 _____)

917

918 **Section 214.303 Use of Sulfuric Acid**

919

920 Except for fuel combustion emission sources and acid manufacturing, a person using sulfuric
921 acid must not cause or allow the emission of sulfuric acid, sulfur trioxide, or both from all other
922 similar emission sources at a plant or premises to exceed:

923

924 a) 45.4 grams in any one-hour period for sulfuric acid usage less than 1,180 Mg/yr
925 (100% acid basis) (0.10 lbs/hr up to 1,300 T/yr);

926

927 b) 250 grams per metric ton of acid used for sulfuric acid usage greater than or equal
928 to 1,180 Mg/yr (100% acid basis) (0.50 lbs/T over 1,300 T/yr).

929

930 (Source: Amended at 50 Ill. Reg. _____, effective
931 _____)

932

933 **Section 214.304 Fuel Burning Process Emission Source**

934

935 ~~Emissions~~Emmissions from burning fuel at process emission sources located in the Chicago or St.
936 Louis (Illinois) major metropolitan areas must comply with applicable Subparts B through F.
937 However, a person must not cause or allow the emissions of sulfur into the atmosphere in any
938 one-hour period from burning tea leaves as fuel to exceed 0.70 pounds of SO₂ per MMbtu of
939 actual heat input.

940

941 (Source: Amended at 50 Ill. Reg. _____, effective
942 _____)

943

944 **Section 214.305 Fuel Sulfur Content Limitations**

945

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- 946 a) Except under subsections (b), (c), and (d), on and after January 1, 2017, the owner
947 or operator of a process emission source must comply with the following:
948
- 949 1) The sulfur content of all residual fuel oil used by the process emission
950 source must not exceed 1,000 ppm;
951
- 952 2) The sulfur content of all distillate fuel oil used by the process emission
953 source must not exceed 15 ppm; and
954
- 955 3) The owner or operator must:
956
- 957 A) Maintain records demonstrating that the fuel oil used by the
958 process emission source complies with subsections (a)(1) and
959 (a)(2), such as records from the fuel supplier indicating the sulfur
960 content of the fuel oil;
961
- 962 B) Retain the records for at least five years, and provide copies of the
963 records to the Agency within 30 days after receiving a request by
964 the Agency; and
965
- 966 C) Notify the Agency within 30 days after discovering deviations
967 from any of the requirements in this subsection (a). In addition to
968 any information required by the source's permit, the notification
969 must describe the deviations and discuss the possible cause of the
970 deviations and any corrective actions and preventative measures
971 taken.
972
- 973 b) The sulfur content limitation for distillate fuel oil in subsection (a)(2) does not
974 apply to distillate fuel oil used by "TC-F/TC-L/TCL Wing 5" and "TC-F/TC-L
975 Alternative" at Caterpillar Technical Center located at 1311 E. Cedar Hills Dr.,
976 Mossville, IL for research and development of or testing equipment intended for
977 sale outside of Illinois. This exemption is limited to a combined total of 150,000
978 gallons of distillate fuel oil per calendar year. The sulfur content of the fuel oil
979 must not exceed 500 ppm. The owner or operator of the process emission sources
980 described in this subsection must also comply with the following:
981
- 982 1) Maintain records indicating the amount of distillate fuel oil used by the
983 process emission sources each calendar year for research and development
984 of or testing equipment for sale outside of Illinois and records
985 demonstrating that the fuel oil complies with subsection (b), such as
986 records from the fuel supplier indicating the sulfur content of the fuel oil;

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- 987
988
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996
- 2) Retain the records for at least five years, and provide copies of the records to the Agency within 30 days after receiving a request by the Agency; and
 - 3) Notify the Agency within 30 days after discovering deviations from any of the requirements in this subsection (b). In addition to any information required by the source's permit, the notification must describe the deviations and discuss the possible cause of the deviations and any corrective actions and preventative measures taken.
- 997 c) The sulfur content limitation for distillate fuel oil in subsection (a)(2) does not
998 apply to existing process emission sources at Caterpillar's Montgomery facility
999 located at 325 South Route 31, Montgomery. The owner or operator of these
1000 process emission sources must instead comply with the following:
1001
- 1) On and after January 1, 2016:
 - 1004 A) The sulfur content of all distillate fuel oil purchased for use by the
1005 process emission sources must not exceed 15 ppm; and
 - 1007 B) The sulfur content of all distillate fuel oil used by the process
1008 emission sources must not exceed 500 ppm;
 - 2) The owner or operator must:
 - 1012 A) Maintain records demonstrating that the distillate fuel oil
1013 purchased on and after January 1, 2016, for use by the process
1014 emission sources complies with subsection (c)(1)(A), such as
1015 records from the fuel supplier indicating the sulfur content of the
1016 fuel oil, and indicating the date of purchase of the fuel oil;
 - 1018 B) Maintain records demonstrating that the distillate fuel oil used on
1019 and after January 1, 2016, by the process emission sources
1020 complies with subsection (c)(1)(B), such as records from the fuel
1021 supplier indicating the sulfur content of the fuel oil;
 - 1023 C) Retain all records required by this subsection (c) for at least five
1024 years, and provide copies of the records to the Agency within 30
1025 days after receiving a request by the Agency; and
- 1026

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- 1027 D) Notify the Agency within 30 days after discovering deviations
1028 from any of the requirements in this subsection (c). In addition to
1029 any information required by the source's permit, the notification
1030 must describe the deviations and discuss the possible cause of the
1031 deviations and any corrective actions and preventative measures
1032 taken.
1033
- 1034 d) The sulfur content limitation for distillate fuel oil in subsection (a)(2) does not
1035 apply to existing electric generating units at Midwest Generation's Fisk station
1036 located at 1111 W. Cermak Road, Chicago, or Waukegan station located at 401 E.
1037 Greenwood Avenue, Waukegan. The owner or operator of these electric
1038 generating units must instead comply with the following:
1039
- 1040 1) From January 1, 2016, through December 31, 2018, the sulfur content of
1041 all distillate fuel oil purchased for use by these electric generating units
1042 must not exceed 15 ppm;
1043
- 1044 2) From January 1, 2017, through December 31, 2018, the sulfur content of
1045 all distillate fuel oil used by these electric generating units must not
1046 exceed 500 ppm;
1047
- 1048 3) On and after January 1, 2019, the sulfur content of all distillate fuel oil
1049 used by these electric generating units must not exceed 15 ppm;
1050
- 1051 4) The owner or operator must:
1052
- 1053 A) Maintain records demonstrating that the distillate fuel oil
1054 purchased from January 1, 2016, through December 31, 2018, for
1055 use by the electric generating units complies with subsection
1056 (d)(1), such as records from the fuel supplier indicating the sulfur
1057 content of the fuel oil, and indicating the date of purchase of the
1058 fuel oil;
1059
- 1060 B) Maintain records demonstrating that the distillate fuel oil used
1061 from January 1, 2017, through December 31, 2018, by the electric
1062 generating units complies with subsection (d)(2), such as records
1063 from the fuel supplier indicating the sulfur content of the fuel oil;
1064
- 1065 C) On and after January 1, 2019, maintain records demonstrating that
1066 the distillate fuel oil used by the electric generating units complies

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1067 with subsection (d)(3), such as records from the fuel supplier
1068 indicating the sulfur content of the fuel oil;
1069

1070 D) Retain all records required by this subsection (d) for at least five
1071 years, and provide copies of the records to the Agency within 30
1072 days after receiving a request by the Agency; and
1073

1074 E) Notify the Agency within 30 days after discovering deviations
1075 from any of the requirements in this subsection (d). In addition to
1076 any information required by the source's permit, the notification
1077 must describe the deviations and discuss the possible cause of the
1078 deviations and any corrective actions and preventative measures
1079 taken.
1080

1081 (Source: Amended at 50 Ill. Reg. _____, effective
1082 _____)

1083
1084 SUBPART O: PETROLEUM REFINING, PETROCHEMICAL
1085 AND CHEMICAL MANUFACTURING
1086

1087 **Section 214.381 Sulfuric Acid Manufacturing**
1088

1089 a) A person must not cause or allow the emission of SO₂ into the atmosphere from
1090 any new sulfuric acid manufacturing plant to exceed 4.0 lbs of SO₂ per ton of acid
1091 produced (2.0 kg/Mg).
1092

1093 b) A person must not cause or allow the emission of sulfuric acid mist into the
1094 atmosphere from any process emission source to exceed 0.15 lbs of acid mist per
1095 ton of acid manufactured (75 g/Mg).
1096

1097 c) A person must not cause or allow the emission of SO₂ into the atmosphere from
1098 any sulfuric acid manufacturing process in the City of Chicago to exceed 500
1099 ppm.
1100

1101 (Source: Amended at 50 Ill. Reg. _____, effective
1102 _____)

1103
1104 **Section 214.382 Petroleum and Petrochemical Processes**
1105

1106 a) Section 214.301 does not apply to existing processes designed to remove sulfur
1107 compounds from the flue gases of petroleum and petrochemical processes.

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- 1108
1109 b) A person must not cause or allow the emission of more than 1,000 ppm of SO₂
1110 into the atmosphere from any process emission source in the St. Louis (Illinois)
1111 major metropolitan area designed to remove sulfur compounds from the flue
1112 gases of petroleum and petrochemical processes.
1113
- 1114 c) The following limitations apply to any petroleum refinery in the Village of
1115 Roxana:
- 1116
- 1117 1) A person must not cause or allow the combustion of refinery flasher pitch
1118 containing more than 3% sulfur by weight. This must be demonstrated by
1119 daily sampling of refinery flasher pitch.
1120
- 1121 2) A person must not burn petroleum refinery fuel gas in any fuel gas
1122 combustion device if that refinery fuel gas contains more than 39 grains
1123 hydrogen sulfide per 100 dry scf (893 mg/scm). This must be
1124 demonstrated by sampling the refinery fuel gas once every eight hours,
1125 under the Tutwiler Procedure, incorporated by reference at Section
1126 214.104(d).
1127
- 1128 3) A person must not cause or allow the total emission of SO₂ into the
1129 atmosphere from the following source groupings to exceed the following
1130 amounts:
- 1131
- 1132 A) All process heaters at distilling unit No. 1: 459 lbs/hr (208 kg/hr).
1133
- 1134 B) All process heaters at distilling unit No. 2: 1,260 lbs/hr (571
1135 kg/hr).
1136
- 1137 C) All gas plant process heaters: 159 lbs/hr (72.1 kg/hr).
1138
- 1139 D) All vacuum flasher unit heaters: 378 lbs/hr (171 kg/hr).
1140
- 1141 E) All process heaters at the alkylation, benzene extraction unit and
1142 catalytic feed hydrotreating units: 346 lbs/hr (157 kg/hr).
1143
- 1144 F) All boilers generating steam for general plant use: 2,400 lbs/hr
1145 (1,090 kg/hr).
1146
- 1147 G) All heaters serving the hydrocracker unit catalytic reformer No. 1,
1148 and the saturates gas plant : 1,660 lbs/hr (753 kg/hr).

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- 1149
- 1150 H) All process heaters at the aromatics east process: 768 lbs/hr (348
- 1151 kg/hr).
- 1152
- 1153 I) All catalytic cracking units: 3,430 lbs/hr (1,560 kg/hr).
- 1154
- 1155 J) All asphalt converters, distilling unit No. 1, the aromatics east
- 1156 process, all boilers generating steam for general plant use, and all
- 1157 gas plant process heaters: 2,710 lbs/hr (1,230 kg/hr).
- 1158
- 1159 d) Compliance with the emission limitations of subsections (b) and (c)(3) must be
- 1160 demonstrated on a three-hour block average basis. These demonstrations must
- 1161 require as a permit condition that data required by the Agency under 35 Ill. Adm.
- 1162 Code 201.161 must be maintained to adequately determine the SO₂ emission rate
- 1163 from each source operations group.
- 1164
- 1165 e) Sources in the Village of Roxana are not subject to the emission limitations of
- 1166 Section 214.162 when burning refinery flasher pitch or refinery fuel gas.
- 1167
- 1168 f) Individual process emission sources in the Village of Roxana are subject to the
- 1169 emission limitation of Section 214.301 despite their inclusion in a source
- 1170 operations group.
- 1171
- 1172 g) Despite 35 Ill. Adm. Code 201.102, any physical change in any emission source
- 1173 subject to subsection (b), (c), (d), or (e) which alters the height of release,
- 1174 temperature, or volumetric flow rate of the effluent gases of the source or alters
- 1175 the diameter of the exit stack must be deemed a modification under 35 Ill. Adm.
- 1176 Code 201.142.
- 1177

(Source: Amended at 50 Ill. Reg. _____, effective
_____)

Section 214.383 Chemical Manufacturing

Section 214.301 does not apply to existing hydrogen sulfide flares at a chemical manufacturing plant if:

- 1183
- 1184
- 1185
- 1186 a) The flares operate on existing batch type processes;
- 1187
- 1188 b) The hydrogen sulfide emissions being flared are not, as of September 11, 1975,
- 1189 passed through existing processes designed to remove sulfur compounds from the

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1190 flue gases under Section 214.382(a); and

1191
1192 c) The emission of SO₂ into the atmosphere from the flares does not exceed 500
1193 lbs/hr and ~~3,500 lbs~~ 3,500 lbs per eight-hour period (230 kg/hr and 1590 kg/8 hrs).

1194
1195 d) However, if emission controls for the flares become economically reasonable and
1196 technically feasible, the owner/operator of the hydrogen sulfide flares must install
1197 the controls.

1198
1199 (Source: Amended at 50 Ill. Reg. _____, effective
1200 _____)

1201
1202 **Section 214.384 Sulfate and Sulfite Manufacturing**

1203
1204 Section 214.301 does not apply to sodium aluminum sulfate and sodium sulfite manufacturing
1205 process emission sources in the St. Louis (Illinois) major metropolitan area.

1206
1207 (Source: Amended at 50 Ill. Reg. _____, effective
1208 _____)

1209
1210 **SUBPART P: STONE, CLAY, GLASS,
1211 AND CONCRETE PRODUCTS**

1212
1213 **Section 214.401 Glass Melting and Heat Treating**

1214
1215 Section 214.301 does not apply to:

1216
1217 a) Glass melting furnaces in the Chicago or St. Louis (Illinois) major metropolitan
1218 areas.

1219
1220 b) Glass heat treating with SO₂ in the St. Louis (Illinois) major metropolitan area.

1221
1222 (Source: Amended at 50 Ill. Reg. _____, effective
1223 _____)

1224
1225 **Section 214.402 Lime Kilns**

1226
1227 Despite Section 214.304, lime kilns (Standard Industrial Code 32) are not subject to limitations
1228 for SO₂ emission.

1229
1230 (Source: Amended at 50 Ill. Reg. _____, effective

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SUBPART Q: PRIMARY AND SECONDARY
METAL MANUFACTURING

Section 214.421 Combination of Fuels at Steel Mills in Metropolitan Areas

- a) Despite Section 214.162, a person must not cause or allow the emission of SO₂ into the atmosphere in any one-hour period from any existing fuel combustion emission source at a steel mill located in the Chicago or St. Louis (Illinois) major metropolitan area burning any solid, liquid, or gaseous fuel or any combination of them to exceed the allowable emission rate determined by the following equation:

$$E = S_s H_s + S_d H_d + S_R H_R + S_G H_G$$

- b) Symbols in the equation mean:

- E = allowable SO emission rate;
- S_s = ~~applicable~~ Applicable solid fuel SO₂ emission standard;
- S_d = distillate oil SO₂ emission standard determined from the table in subsection (d);
- S_R = applicable ~~residual~~ oil SO₂ emission standard;
- S_G = maximum by-product gas ~~SO₂~~ SO₂e emissions which would result if the applicable by-product gas which was burned had been burned alone at any time during the 12 months preceding the latest operation, on or before March 28, 1983, of an emission source using any by-product gas;
- H_s = actual heat input from solid fuel;
- H_d = actual heat input from distillate fuel oil;
- H_R = actual heat input from residual fuel oil;
- H_G = actual heat input from by-product gases, such as those produced from a blast furnace.

- c) The portion of the actual heat input derived from:

- 1) The burning of gaseous fuels produced by the gasification of solid fuels must be included in H_s;
- 2) The burning of gaseous fuels produced by the gasification of distillate fuel oil must be included in H_d;

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- 1257 3) The burning of gaseous fuels produced by the gasification of residual fuel
- 1258 oil must be included in H_R; and
- 1259
- 1260 4) The burning of gaseous fuels produced by the gasification of any other
- 1261 liquid fuel must be included in H_G.
- 1262
- 1263 d) The equation in subsection (a) may use the following metric or English units:
- 1264

<u>Parameter</u>	<u>Metric</u>	<u>English</u>
E	kg/hr	lbs/hr
S _S , S _R , S _G	kg/MW-hr	lbs/MMbtu
S _d before January 1, 2017	0.46 kg/MW-hr	0.3 lbs/MMbtu
S _d on and after January 1, 2017	0.0023 kg/MW-hr	0.0015 lb/MMbtu
H _S , H _d , H _R , H _G	MW	MMbtu

1265
 1266 (Source: Amended at 50 Ill. Reg. _____, effective
 1267 _____)
 1268

Section 214.422 Secondary Lead Smelting in Metropolitan Areas

1269 Section 214.301 does not apply to secondary lead smelting process emission sources in the
 1270 Chicago or St. Louis (Illinois) major metropolitan areas.

1271
 1272 (Source: Amended at 50 Ill. Reg. _____, effective
 1273 _____)
 1274

Section 214.423 Slab Reheat Furnaces in St. Louis Area

1275
 1276
 1277 Despite Section 214.304, slab reheat furnaces in the St. Louis (Illinois) major metropolitan area
 1278 with fuel burning capacities exceeding 650 MMbtu/hr and burning any residual fuel are not be
 1279 subject to the applicable Subpart B through F if the total SO₂ emissions from burning residual
 1280 fuel oil in all these furnaces at any one steel mill do not exceed 730 lbs/hr.
 1281
 1282
 1283

1284 (Source: Amended at 50 Ill. Reg. _____, effective
 1285 _____)
 1286

SUBPART V: ELECTRIC POWER PLANTS

Section 214.521 Winnetka Power Plant (Repealed)

1287
1288
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1290

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1291 (Source: Repealed at 50 Ill. Reg. _____, effective _____, effective
1292 _____)
1293

SUBPART X: UTILITIES

Section 214.560 Scope (Repealed)

1296 a) 1) 2) b)
1297 (Source: Repealed at 50 Ill. Reg. _____, effective _____)
1298
1299

Section 214.561 E. D. Edwards Electric Generating Station (Repealed)

1300
1301 (Source: Repealed at 50 Ill. Reg. _____, effective _____, effective
1302 _____)
1303
1304

Section 214.562 Coffeen Generating Station (Repealed)

1305 1b)
1306 (Source: Repealed at 50 Ill. Reg. _____, effective
1307 _____)
1308
1309

SUBPART AA: REQUIREMENTS FOR CERTAIN SO₂ SOURCES

Section 214.600 Definitions

1310
1311
1312 The following definitions apply ~~for~~of this Subpart. Unless a different meaning for a term is clear
1313 from its context, all terms not defined in this Section have the meanings in the Illinois
1314 Environmental Protection Act and in 35 Ill. Adm. Code 201 and 211.
1315
1316
1317

1318 "Agency" means the Illinois Environmental Protection Agency.
1319

1320 "Aventine Renewable Energy" means the ethanol production source located at
1321 1300 S. 2nd Street, Pekin.
1322

1323 "Illinois Power Resources Generating E.D. Edwards" means the electrical power
1324 generation source located at 7800 S. Cilco Lane, Bartonville.
1325

1326 "Ingredient Bedford Park" means the corn wet milling source located at 6400 S.
1327 Archer Road, Bedford Park.
1328

1329 "Midwest Generation Joliet" means the electrical power generation source located
1330 at 1800 Channahon Road, Joliet.
1331

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1332 "Midwest Generation Powerton" means the electrical power generation source
1333 located at 13082 E. Manito Road, Pekin.
1334

1335 "Midwest Generation Will County" means the electrical power generation source
1336 located at 529 E. 135th, Romeoville.
1337

1338 "Owens Corning" means the asphalt and roofing products manufacturing source
1339 located at 5824 S. Archer Road, Summit.
1340

1341 "Oxbow Midwest Calcining" means the petroleum coke product source located at
1342 12308 S. New Avenue, Lemont.
1343

1344 (Source: Amended at 50 Ill. Reg. _____, effective

1345 _____)
1346

1347 **Section 214.601 Applicability**
1348

1349 a) This Subpart applies to the following sources:
1350

- 1351 1) Aventine Renewable Energy;
- 1352
- 1353 2) Illinois Power Resources Generating E.D. Edwards;
- 1354
- 1355 3) Ingredion Bedford Park;
- 1356
- 1357 4) Midwest Generation Joliet;
- 1358
- 1359 5) Midwest Generation Powerton;
- 1360
- 1361 6) Midwest Generation Will County;
- 1362
- 1363 7) Owens Corning; and
- 1364
- 1365 8) Oxbow Midwest Calcining.
- 1366

1367 b) Once a source is subject to this Subpart, it is always subject to this Subpart,
1368 regardless of change in ownership or unit designation, or any other modification
1369 at the source.
1370

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1371 c) Nothing in this Subpart relieves a source of the obligation to comply with the air
1372 quality standards in 35 Ill. Adm. Code 243, or with any other applicable
1373 requirement in this Part.
1374

1375 (Source: Amended at 50 Ill. Reg. _____, effective
1376 _____)
1377

Section 214.602 Compliance Deadline

1378 On and after January 1, 2017, the owner or operator of a source identified in Section 214.601(a)
1379 must comply with this Subpart.
1380

1381 (Source: Amended at 50 Ill. Reg. _____, effective
1382 _____)
1383

Section 214.603 Emission Limitations

1384 The owner or operator of a source must comply with the following emission limitations, as
1385 applicable, expressed in terms of pounds of SO₂ emitted per clock hour.
1386

1387	a)	Aventine Renewable Energy	lb/hr
1388			
1389	1)	Cyclone East controlling First Germ Drying System	0.27
1390			
1391	2)	Cyclone West controlling First Germ Drying System	0.37
1392			
1393	3)	Second Germ Drying System	0.01
1394			
1395	4)	Gluten Dryer 4	3.12
1396			
1397	5)	Gluten Dryer 9	10.50
1398			
1399	6)	Germ Dryer 1	4.98
1400			
1401	7)	Germ Dryer 3	4.26
1402			
1403	8)	Yeast Dryer	1.50
1404			
1405	9)	Scrubber controlling Steep	1.79
1406			
1407			
1408			
1409			
1410			
1411			

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1412		Acid Tower	
1413			
1414	10)	Biogas Flare	0.001
1415			
1416	11)	Boiler A	0.00
1417			
1418	12)	Boiler B	0.00
1419			
1420	13)	Boiler C	0.00
1421			
1422	b)	Illinois Power Resources Generating	
1423		E.D. Edwards	lb/hr
1424			
1425	1)	Units 1 and 2 combined	2100.00
1426			
1427	2)	Unit 3	2756.00
1428			
1429	3)	Unit 3, if both Units 1 and 2	4000.00
1430		permanently shut down	
1431			
1432	c)	Ingredion Bedford Park	lb/hr
1433			
1434	1)	Feed Transport System	24.38
1435			
1436	2)	Wet Milling: Inside In-Process	107.26
1437		Tanks	
1438			
1439	3)	Wet Milling: Molten Sulfur Burner	7.01
1440		and Absorption System	
1441			
1442	4)	Wet Milling: Outside In-Process	2.69
1443		Tanks	
1444			
1445	5)	Germ Processing Facility Channel 1	13.36
1446		System	
1447			
1448	6)	Germ Processing Facility Channel 2	7.07
1449		System	
1450			
1451	7)	Germ Processing Facility Channel 3	7.07
1452		System	

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- 1453
- 1454 8) Germ Processing Facility Channel 4 7.07
- 1455 System
- 1456
- 1457 d) Midwest Generation Joliet lb/hr
- 1458
- 1459 1) Joliet 9: Unit 6 189.82
- 1460
- 1461 2) Joliet 29: Unit 7 323.29
- 1462
- 1463 3) Joliet 29: Unit 8 342.15
- 1464
- 1465 e) Midwest Generation Powerton lb/hr
- 1466
- 1467 1) Boilers 51, 52 (Unit 5) and 61, 62 3452.00
- 1468 (Unit 6) combined
- 1469
- 1470 2) The owner or operator must comply with the emission limitation under
- 1471 subsection (e)(1) on a 30-operating day rolling average basis. For this
- 1472 Subpart, an operating day is a calendar day in which any emission unit in
- 1473 subsection (e)(1) combusts any fuel;
- 1474
- 1475 3) Within 24 hours after the end of each averaging period, the owner or
- 1476 operator must use the following equation to determine the combined SO₂
- 1477 emission rate of the emission units in subsection (e)(1) for each averaging
- 1478 period, which concludes at the end of each operating day. The SO₂
- 1479 emission rate must not exceed the limitation in subsection (e)(1):
- 1480

$$E_{avg} = \frac{\sum_{h=1}^n E_h}{n}$$

- 1481
- 1482
- 1483 Where:
- 1484
- 1485 E_{avg} = SO₂ emission rate for the averaging period, in lb/hr.
- 1486
- 1487 E_h = SO₂ emission rate for stack operating hour "h" in the averaging
- 1488 period. For this Subpart, a stack operating hour is a clock hour
- 1489 in which valid data is obtained, and in which gases flow
- 1490 through the monitored stack or duct for the emission units in

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1491 subsection (e)(1) for either part of the hour or for the entire
1492 hour while at least one of the units is combusting fuel.
1493

1494 n = Number of stack operating hours in the averaging period in
1495 which valid data is obtained.
1496

1497 4) The SO₂ emission rate for the emission units in subsection (e)(1) must not
1498 exceed 6,000 lb/hr in more than 5% of the stack operating hours ("n" in
1499 the equation in subsection (e)(3)) in any averaging period.
1500

1501 f) Midwest Generation Will County lb/hr
1502

1503 1) Unit 3 145.14
1504

1505 2) Unit 4 5000.00
1506

1507 g) Owens Corning lb/hr
1508

1509 1) Preheater Incinerator System 1, including 44.69
1510 emissions from: Storage Tanks 9, 9A, 10,
1511 10A, 11, 17, 18, 19, 20, 40, 41, 42, and 43;
1512 Loading Racks 1, 2, and 9; and Convertors
1513 10 and 11
1514

1515 2) Preheater Incinerator System 3, including 27.23
1516 emissions from: Converters 8, 9, 12,
1517 13, 14, and 15; and Loading Racks 1, 2,
1518 and 9
1519

1520 3) Regenerative Thermal Oxidizer 3 4.33
1521 controlling: Storage Tanks 27, 28, 31,
1522 32, 33, 34, 35, and 36
1523

1524 4) Regenerative Thermal Oxidizer 4 6.38
1525 controlling: Storage Tank 98; Loading
1526 Rack PV1
1527

1528 5) Coating Operations combined 0.15
1529

1530 h) Oxbow Midwest Calcining lb/hr
1531

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1532 All Calcining Units combined 187.00

1533

1534 (Source: Amended at 50 Ill. Reg. _____, effective
1535 _____)

1536

1537 **Section 214.604 Monitoring and Testing**

1538

1539 a) The owner or operator of a source must, for each emission unit at the source in
1540 Section 214.603, demonstrate compliance with the applicable emission
1541 limitations in Section 214.603 through the monitoring and testing requirements of
1542 this Section.

1543

1544 b) The owners or operators of the following sources must, for each emission unit at
1545 the source in Section 214.603, install, calibrate, maintain, and operate a
1546 continuous emissions monitoring system for the measurement of SO₂ emissions in
1547 compliance with 40 CFR 75 (except 40 CFR 75.31 through 34), incorporated by
1548 reference in Section 214.104, and subsection (d), or use an alternative monitoring
1549 method available to the emission unit under 40 CFR 75:

1550

1551 1) Illinois Power Resources Generating E.D. Edwards;

1552

1553 2) Midwest Generation Joliet;

1554

1555 3) Midwest Generation Powerton; and

1556

1557 4) Midwest Generation Will County.

1558

1559 c) The owner or operator of all sources not in subsection (b) must, for each emission
1560 unit at the source in Section 214.603, either conduct performance testing in
1561 compliance with subsection (e) or install, calibrate, maintain, and operate a
1562 continuous emissions monitoring system for the measurement of SO₂ emissions in
1563 compliance with 40 CFR 60 or 40 CFR 75 (except 40 CFR 75.31 through 34),
1564 incorporated by reference in Section 214.104, and subsection (d).

1565

1566 d) The owner or operator of a source with an emission unit demonstrating
1567 compliance with a continuous emissions monitoring system must comply with the
1568 following for each unit:

1569

1570 1) If two or more of the emission units in Section 214.603 are served by a
1571 common stack, the owner or operator may use a single continuous
1572 emissions monitoring system for those units;

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1613
- 2) If the owner or operator of an emission unit subject to Section 214.604(c) changes the method of demonstrating compliance for that unit from performance testing to a continuous emissions monitoring system, the owner or operator must install, calibrate, and begin operating the continuous emissions monitoring system on or before the performance testing deadline under subsection (e)(2); and
 - 3) Missing data substitution under 40 CFR 75.31 through 34 must not be used to demonstrate compliance with this Subpart.
- e) The owner or operator of a source with an emission unit demonstrating compliance through performance testing must comply with the following for each unit. All testing done under this Section must be conducted at the owner's or operator's own expense:
- 1) Conduct an initial performance test after January 1, 2015~~;~~ and before January 1, 2017. If the owner or operator of an emission unit subject to Section 214.604(c) changes the method of demonstrating compliance for that unit from a continuous emissions monitoring system to performance testing, the owner or operator must demonstrate compliance by conducting an initial performance test before discontinuing the continuous emissions monitoring system;
 - 2) Conduct subsequent performance tests at least once every five years from the date of the last performance test. The date of the initial performance test conducted under subsection (e)(1) begins the five-year period;
 - 3) Conduct additional performance testing when, in the opinion of the Agency or USEPA, that testing is necessary to demonstrate compliance with Section 214.603. The test must be conducted within 90 days after receiving a notice to test from the Agency or USEPA, unless the notice specifies an alternative testing deadline;
 - 4) Submit a testing protocol as described in USEPA's Emission Measurement Center Guideline Document (GD-042), incorporated by reference in Section 214.104, to the Agency at least 45 days before a scheduled emissions test, unless the Agency waives that deadline in writing;
 - 5) Submit a written notification of a scheduled emissions test to the Agency at least 30 days before the test date and again five days before testing,

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1614 unless the Agency waives those deadlines in writing. If, after sending the
1615 30 days' notice of a test, there is a delay in conducting the test as
1616 scheduled (e.g., due to operational problems), the owner or operator must
1617 notify the Agency as soon as practicable of the delay, either by providing
1618 at least seven days' notice of the rescheduled test date or by arranging a
1619 new test date with the Agency by mutual agreement;
1620

1621 6) Conduct each performance test using Method 1, 2, 3, 4, 6, 6A, 6B, 6C, or
1622 19, incorporated by reference in Section 214.104, or other alternative
1623 USEPA methods approved by the Agency. Each test must consist of at
1624 least three separate runs, each lasting a minimum of 60 minutes, and must
1625 be conducted during conditions representative of maximum SO₂
1626 emissions. Compliance with the applicable limitation in Section 214.603
1627 must be determined in compliance with 35 Ill. Adm. Code 283;
1628

1629 7) Conduct a separate performance test for each fuel if the unit has
1630 combusted more than one type of fuel in the prior year; and
1631

1632 8) After each performance test used to demonstrate compliance, continue
1633 operating the emission unit within the parameters enumerated in the
1634 testing results submitted to the Agency for each test, and monitor the
1635 parameters regularly to ensure ongoing compliance.
1636

1637 (Source: Amended at 50 Ill. Reg. , effective

1638)
1639

1640 **Section 214.605 Recordkeeping and Reporting**
1641

1642 a) By January 1, 2017, the owner or operator of a source must submit to the Agency
1643 the following:
1644

1645 1) A certification that the source will be in compliance with this Subpart by
1646 January 1, 2017;
1647

1648 2) For a source with an emission unit demonstrating compliance through
1649 performance testing:
1650

1651 A) The results of the initial performance test conducted under Section
1652 214.604(e)(1);
1653

~~POLLUTION CONTROL BOARD
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- 1654 B) The calculations necessary to demonstrate that the emission unit
1655 will be in initial compliance; and
1656
- 1657 C) A description of the measures the source will take to ensure the
1658 emission unit continues to operate within the parameters in the
1659 testing results submitted to the Agency for each test used to
1660 demonstrate compliance, including how those parameters will
1661 ensure ongoing compliance with the applicable limitation in
1662 Section 214.603 and the specific monitoring procedures that will
1663 be implemented for each parameter;
1664
- 1665 3) For a source with an emission unit demonstrating compliance with a
1666 continuous emissions monitoring system, a certification of the installation
1667 and operation of the continuous emissions monitoring system and the
1668 monitoring data necessary to demonstrate that the emission unit will be in
1669 initial compliance;
1670
- 1671 4) For a source with an emission unit demonstrating compliance with an
1672 alternative monitoring method under 40 CFR 75, a description of the
1673 alternative monitoring method being used and the monitoring data
1674 necessary to demonstrate that the emission unit will be in initial
1675 compliance; and
1676
- 1677 5) A description of the method or methods the source will use to comply with
1678 all applicable emission limitations in Section 214.603, including a
1679 description of all control devices used and, for sources with emission units
1680 demonstrating compliance through performance testing, the operating
1681 parameters for those devices.
1682
- 1683 b) The owner or operator of a source must keep and maintain records that
1684 demonstrate ongoing compliance with ~~this~~-Subpart. The records must include the
1685 following:
1686
- 1687 1) The calendar date of the record;
1688
- 1689 2) Reports for all performance tests conducted under Section 214.604(e),
1690 including the date of the test and the results;
1691
- 1692 3) A log of the date, time, nature, and results of all parametric monitoring
1693 conducted under Section 214.604(e)(8);
1694

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- 1695 4) For each SO₂ continuous emissions monitoring system, a log indicating
1696 any periods when the device was not in service, maintenance and
1697 inspection activities performed on the device, and all information
1698 necessary to demonstrate compliance with the monitoring requirements in
1699 Section 214.604;
1700
- 1701 5) The date, time, and duration of any malfunction in the operation of an
1702 emission unit in Section 214.603 or any SO₂ control equipment for that
1703 unit, if the malfunction causes an exceedance of any applicable emission
1704 limitation in Section 214.603, and the date, time, and duration of any
1705 malfunction in the operation of any SO₂ emissions monitoring equipment
1706 for that unit. The records must include a description of the malfunction,
1707 the probable cause of the malfunction, the date and nature of the corrective
1708 action taken, and any preventative action taken to avoid future
1709 malfunctions;
1710
- 1711 6) A log of all inspections, cleaning, maintenance, and repair activities
1712 performed on SO₂ control equipment for an emission unit in Section
1713 214.603, including the date and nature of those activities. The log must
1714 indicate any changes made to the control equipment, including removal or
1715 replacement of the equipment; and
1716
- 1717 7) For emission units subject to Section 214.603(e), the SO₂ emission rate of
1718 the units for each averaging period and supporting calculations.
1719
- 1720 c) Except as otherwise indicated in this Subpart, the owner or operator of a source
1721 with an emission unit demonstrating compliance through performance testing
1722 must submit the results of all tests conducted under Section 214.604(e) within 60
1723 days after completing the test.
1724
- 1725 d) The owner or operator of a source must notify the Agency at least 30 days before
1726 changing the method of demonstrating compliance for an emission unit in Section
1727 214.603. The owner or operator must also comply with the following, as
1728 applicable:
1729
- 1730 1) For an emission unit changing the method of demonstrating compliance
1731 from performance testing to a continuous emissions monitoring system,
1732 submit to the Agency a certification of the installation and operation of the
1733 continuous emissions monitoring system and the monitoring data
1734 necessary to demonstrate compliance. The submittal must be made
1735 within 30 days after beginning operation of the continuous emissions

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- 1736 monitoring system, and on or before the performance testing deadline
1737 determined under Section 214.604(e)(2);
1738
- 1739 2) For an emission unit changing the method of demonstrating compliance
1740 from a continuous emissions monitoring system to performance testing,
1741 submit to the Agency before discontinuing operation of the continuous
1742 emissions monitoring system the following:
1743
- 1744 A) The results of the initial performance test conducted under Section
1745 214.604(e)(1);
1746
- 1747 B) The calculations necessary to demonstrate compliance; and
1748
- 1749 C) A description of the measures the source will take to ensure the
1750 emission unit continues to operate within the parameters in the
1751 testing results submitted to the Agency for each test used to
1752 demonstrate compliance, including how the parameters will ensure
1753 ongoing compliance with the applicable limitation in Section
1754 214.603 and the specific monitoring procedures that will be
1755 implemented for each parameter;
1756
- 1757 3) For an emission unit changing the method of demonstrating compliance
1758 from a continuous emissions monitoring system to an alternative
1759 monitoring method under 40 CFR 75, submit to the Agency before
1760 discontinuing operation of the continuous emissions monitoring system a
1761 description of the alternative monitoring method and the monitoring data
1762 necessary to demonstrate compliance.
1763
- 1764 e) The owner or operator of a source must notify the Agency within 30 days after
1765 discovering deviations from any of the requirements in this Subpart or any
1766 exceedance of an applicable emission limitation in Section 214.603. In addition
1767 to any information required by a source's permit, the notification must describe
1768 the deviations or exceedances ~~and discuss~~, a discussion of the possible cause of
1769 the deviations or exceedances and any corrective actions and preventative
1770 measures taken.
1771
- 1772 f) The owner or operator of a source must maintain all records required by this
1773 Section at the source for a minimum of five years and provide copies of the
1774 records to the Agency within 30 days after receiving a request by the Agency.
1775

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1776 (Source: Amended at 50 Ill. Reg. , effective
1777)
1778
1779 **Section 214.APPENDIX A Rule into Section Table (Repealed)**

~~POLLUTION CONTROL BOARD
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1780

1781 (Source: Repealed at 50 Ill. Reg. , effective

1782)

1783

1784 **Section 214.APPENDIX B Section into Rule Table (Repealed)**

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(Source: Repealed at 50 Ill. Reg. _____, effective
_____)

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1790 Section 214.APPENDIX C Method Used to Determine Average Actual Stack Height and
1791 Effective Height of Effluent Release
1792

1793 ~~Q_H = Heat emission rate (in btu/sec or Kcal/sec) as determined by method outlined below.~~

Q = Heat emission rate (in btu/sec or Kcal/sec as determined by method outlined below).

ΔH = Plume rise (in feet or meters).

H = Physical height (in feet or meters) above grade of each stack, except that for this calculation, the value used for stack height must not exceed good engineering practice as defined by Section 123 of the Clean Air Act and regulations promulgated under it, unless the owner or operator of the source demonstrates to the Agency that a greater height is necessary to prevent downwash or fumigation conditions.

T = Exit temperature of stack gases (in degrees Rankine or degrees Kelvin) from each source during operating conditions which would cause maximum emissions.

V = Exit velocity of stack gases (in feet/sec or meters/sec from each source under operating conditions which would cause maximum emissions.

D = Diameter of stack (in feet or meters).

P = Percentage of total emissions expressed as decimal equivalents emitted from each source. (Example: 21% = 0.21.) NOTE: The sum of P₁ + P₂... + P_n = 1. The emission values to be used are those which occur during operating conditions which would cause maximum emissions.

H_A = Average actual stack height (in feet or meters).

H_E = Effective height of effluent release (in feet or meters).

1794
1795 ~~ΔH = Plume rise (in feet or meters).~~

1796 ~~H = Physical height (in feet or meters) above grade of each stack, except that for this~~
1797 ~~calculation, the value used for stack height must not exceed good engineering practice as~~
1798 ~~defined by Section 123 of the Clean Air Act and regulations promulgated under it, unless~~
1799 ~~the owner or operator of the source demonstrates to the Agency that a greater height is~~
1800 ~~necessary to prevent downwash or fumigation conditions.~~

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- 1801 ~~T= Exit temperature of stack gases (in degrees Rankine or degrees Kelvin) from each source~~
 1802 ~~during operating conditions which would cause maximum emissions.~~
 1803 ~~V= Exit velocity of stack gases (in feet/sec or meters/sec) from each source under operating~~
 1804 ~~conditions which would cause maximum emissions.~~
 1805 ~~D= Diameter of stack (in feet or meters).~~
 1806 ~~P= Percentage of total emissions expressed as decimal equivalents emitted from each source.~~
 1807 ~~(Example: 21% = 0.21.)~~
 1808 ~~NOTE: The sum of P₁ + P₂ + ... + P_n = 1. The emission values to be used are those which~~
 1809 ~~occur during operating conditions which would cause maximum emissions.~~
 1810 ~~H_A = Average actual stack height (in feet or meters).~~
 1811 ~~H_E = Effective height of effluent release (in feet or meters).~~
 1812 STEP 1: Determine weighted average stack parameters using the following formulae:
 1813
 1814

$$\begin{aligned}
 \underline{D} &= \underline{P_1 D_1} + \underline{P_2 D_2} + \dots + \underline{P_n D_n} \\
 \underline{D} &\equiv \underline{P_1 D_1} + \underline{P_2 D_2} + \dots + \underline{P_n D_n} \\
 \underline{V} &\equiv \underline{P_1 V_1} + \underline{P_2 V_2} + \dots + \underline{P_n V_n} \\
 \underline{T} &\equiv \underline{P_1 T_1} + \underline{P_2 T_2} + \dots + \underline{P_n T_n} \\
 \underline{H_A} &\equiv \underline{P_1 H_1} + \underline{P_2 H_2} + \dots + \underline{P_n H_n}
 \end{aligned}$$

- 1815
 1816 ~~V= P₁V₁+P₂V₂+...+P_nV_n~~
 1817 ~~T= P₁T₁+P₂T₂+...+P_nT_n~~
 1818 ~~H_A= P₁H₁+P₂H₂+...+P_nH_n~~

1819 NOTE:

- 1820
 1821 P₁, D₁, V₁, T₁, and H₁ are the percentage of total emissions, stack diameter, exit velocity of gases,
 1822 exit temperature of stack gases, and physical stack height, respectively, for the first source; P₂,
 1823 D₂, V₂, T₂, and H₂ are the respective values for the second source; similarly, P_n, D_n, V_n, T_n, and
 1824 H_n are the respective values for the nth source, where n is the number of the last source.
 1825

- 1826 STEP 2: Calculate heat emission rate using the following formula and the weighted average
 1827 stack parameters obtained in Step 1:
 1828

$$\overset{(Del)}{Q_H} = 7.54D^2V \frac{(T-515)}{T} \quad \text{(in English units)}$$

$$\underline{Q_H} \equiv \underline{7.54D^2V} \frac{\underline{(T-515)}}{\underline{T}} \quad \text{(in English units)}$$

$$\underline{Q_H} \equiv \underline{66.8D^2V} \frac{\underline{(T-286)}}{\underline{T}} \quad \text{(in Metric units)}$$

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T

$$Q_H = 66.8D^2V \frac{T - 286}{T} \quad (\text{in Metric units})$$

1831
1832 STEP 3: Calculate plume rise using the appropriate formula below and the total heat emission
1833 rate obtained in Step 2:
1834

$$\Delta H = \frac{2.58(Q_H)^{0.6}}{(H_A)^{0.11}} \quad (\text{in English Units for } Q_H \geq 6000 \text{ btu/sec})$$

1835
$$\Delta H = \frac{2.58(Q_H)^{0.6}}{(H_A)^{0.11}} \quad (\text{in English units for } Q_H \geq 6000 \text{ btu/sec})$$

1836

$$\Delta H = \frac{1.58(Q_H)^{0.6}}{(H_A)^{0.11}} \quad (\text{in Metric Units for } Q_H \geq 1500 \text{ kcal/sec})$$

1837
$$\Delta H = \frac{1.58(Q_H)^{0.6}}{(H_A)^{0.11}} \quad (\text{in Metric units for } Q_H \geq 1500 \text{ kcal/sec})$$

1838

$$\Delta H = \frac{0.718(Q_H)^{0.75}}{(H_A)^{0.11}} \quad (\text{in English Units for } Q_H < 6000 \text{ btu/sec})$$

1839
$$\Delta H = \frac{0.718(Q_H)^{0.75}}{(H_A)^{0.11}} \quad (\text{in English units for } Q_H < 6000 \text{ btu/sec})$$

1840

$$\Delta H = \frac{0.54(Q_H)^{0.75}}{(H_A)^{0.11}} \quad (\text{in Metric Units for } Q_H < 1500 \text{ kcal/sec})$$

1841
$$\Delta H = \frac{0.54(Q_H)^{0.75}}{(H_A)^{0.11}} \quad (\text{in Metric units for } Q_H < 1500 \text{ kcal/sec})$$

1842

1843 STEP 4: Calculate the weighted average facility effective height of effluent release using the
1844 plume rise obtained in Step 3, the average stack height obtained in Step 1, and the
1845 formula:
1846

$$H_E = H_A + \Delta H$$

1847
1848 STEP 5: Calculate the total facility hourly emission limitation using the weighted actual stack
1849 height obtained in Step 1, the effective stack height given in Step 4, and the following
1850 formula:

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1851

$$\text{E} = \frac{(\text{Del}) (H_A)^{0.11} (H_E)^2}{128}$$

1852

(in English units)

$$\text{E} = \frac{(H_A)^{0.11} (H_E)^2}{128} \quad (\text{in English units})$$

1853

$$\text{E} = \frac{(\text{Del}) 0.04347 (H_A)^{0.11} (H_E)^2}{128} \quad (\text{in Metric units})$$

1854

$$\text{E} = \frac{0.04347 (H_A)^{0.11} (H_E)^2}{128} \quad (\text{in Metric units})$$

1855

1856

(Source: Amended at 50 Ill. Reg. _____, effective

1857

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1859 **Section 214.APPENDIX D Past Compliance Dates (Repealed)**



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NOTICE OF PROPOSED AMENDMENTS~~

1860

1861

(Source: Repealed at 50 Ill. Reg. _____, effective

1862

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1863

1865

Summary report:	
Litera Compare for Word 11.8.0.56 Document comparison done on 3/27/2026 10:13:35 AM	
Style name: Default Style	
Intelligent Table Comparison: Active	
Original filename: 35-214RG-P Agency 3.19.26.docx	
Modified filename: 35-214RG-P JCAR 3-26-26.docx	
Changes:	
<u>Add</u>	157
Delete	186
Move From	0
<u>Move To</u>	0
<u>Table Insert</u>	22
Table Delete	0
<u>Table moves to</u>	0
Table moves from	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	12
Embedded Excel	0
Format changes	0
Total Changes:	377

~~POLLUTION CONTROL BOARD
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TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER c: EMISSION STANDARDS AND LIMITATIONS
FOR STATIONARY SOURCES

PART 228
ASBESTOS (REPEALED)

SUBPART A: GENERAL PROVISIONS

12	Section	
13	228.101	Authority
14	228.102	Policy
15	228.103	Definitions
16	228.104	Incorporations by Reference

SUBPART B: GENERAL REQUIREMENTS

20	Section	
21	228.121	Prohibition
22	228.123	Permit for Manufacture

SUBPART C: CONSTRUCTION, ALTERATION
AND REPAIR OF STRUCTURE

27	Section	
28	228.131	Spray Asbestos Prohibited
29	228.132	Non-asbestos Spray Insulation
30	228.133	Enclosure for Asbestos Construction
31	228.134	No Visible Emission
32	228.135	Preclude Exposure to Circulating Air

SUBPART D: DEMOLITION

36	Section	
37	228.141	Necessary and Practicable Safeguards Safegards

SUBPART E: MANUFACTURING

41	Section	
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- 42 228.151 Emission Standards; Sampling and Counting Procedures
- 43 228.152 Venting of all Emissions to Central Sources
- 44 228.153 Inspection
- 45 228.154 Monitoring and Reporting
- 46 228.155 Process Wastewater Effluent Criteria
- 47 228.156 Sludge Disposal
- 48 228.157 Transportation of Asbestos-containing Products
- 49 228.158 No Visible Emission

50

51 SUBPART F: LOCAL ENFORCEMENT

52

53 Section

54 228.161 Obligation to Enforce

55

56 228.APPENDIX A Rule into Section Table

57 228.APPENDIX B Section into Rule Table

58 228.APPENDIX C Past Compliance Dates

59

60 AUTHORITY: Implementing Section 10 and authorized by Section 27 of the Environmental
61 Protection Act (Ill. Rev. Stat. ~~981~~1981, ch. 111-~~1/2~~1/2, pars. 1010 and 1027).

62

63 SOURCE: Adopted as Chapter V: Hazardous Substances, Title I, Asbestos and Spray Insulation
64 and Fireproofing, R71-16, 3 PCB 461, January 6, 1972, filed and effective January 24, 1972;
65 Renumbered to Chapter 2: Air Pollution, Part VI: Asbestos and Spray Insulation and
66 Fireproofing, R72-10, filed and effective June 27, 1975; codified at 7 Ill. Reg. ~~13612~~13611;
67 repealed in R18-21 at 50 Ill. Reg. _____, effective _____.

68

69 SUBPART A: GENERAL PROVISIONS

70

71 **Section 228.101 Authority**

72

73 Pursuant to the authority in Sections 9, 10 and 13 of the Environmental Protection Act (Ill. Rev.
74 Stat. 1981, ch. 111-~~1/2~~1/2, pars. 1001 et seq.) (Act) which empower the Pollution Control Board
75 (Board) to adopt regulations forbidding the "sale, offer, or use for reasons of air pollution
76 control" of any article, and to set "standards specifying the maximum amounts or concentrations
77 of various contaminants that may be discharged into the atmosphere"; and to set standards for the
78 issuance of permits for the operation of any equipment or facility capable of causing or
79 contributing to air pollution; and to promulgate "conditions regarding the use of any article
80 determined by the Board to constitute an air pollution hazard;" and to adopt effluent standards
81 limiting the amounts of contaminants that may be discharged into the water of Illinois, the Board
82 adopts the following rules and regulations.

POLLUTION CONTROL BOARD
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Section 228.102 Policy

- a) It is the purpose of the General Assembly in adopting the Act to maintain and enhance the purity of the air and water of Illinois in order to protect health, welfare and the quality of life. Accordingly, it is hereby determined that the uncontrolled discharge of asbestos fiber into the environment tends to ~~serverely~~severely endanger the public health and welfare and that the uncontrolled spraying of fiber-containing materials unreasonably interferes with the enjoyment of life and property.
- b) It is the purpose of these regulations to control the amount of asbestos fiber released into the environment from the major sources of emission. Such control is necessary not only to protect those members of the public who are in proximity to heavy concentrations of asbestos fiber but also to safeguard the health of future generations endangered by the continuous discharge of asbestos fiber which can be toxic and which tends to be cumulative both in the atmosphere and in the human body.
- c) Where health can be protected by the adoption of an emission standard or of procedural safeguards, such a course has been pursued. In those instances where restriction is unfeasible because of the unusual nature of the emission source (spray asbestos at construction sites) a product ban has been resorted to. This prohibition has been made with full consideration given to the available alternative materials.
- d) It is also the purpose of these regulations to reduce the emission of non-asbestos particulate from spray-fireproofing and insulation. To protect against these emissions, the biological effects of which are unknown, procedural safeguards have been enacted.

Section 228.103 Definitions

The terms which appear in this Part have the definitions specified in this Part and 35 Ill. Adm. Code 201 and 211.

~~"Asbestos": Any fiber or any mixture containing fiber of hydrated silicate mineral, which, on the basis of its crystalline structure, falls into one of two categories:~~

~~pyroxenes—chrysotile fiber; or~~

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~~amphiboles—crocidolite, amosite, tremolite, actinolite or
anthophilite fiber.~~

119 "Asbestos": Any fiber or any mixture containing fiber of hydrated silicate
120 mineral, which, on the basis of its crystalline structure, falls into one of two
121 categories:
122

~~"Commercial activity": Any activity done for hire or having financial
profit as a primary aim.~~

~~"Debris": Asbestos-containing waste produced by the demolition of a
structure.~~

~~"Spraying": The pneumatic application of material used for fireproofing or
insulation.~~

~~"Waste": Any asbestos-containing matter which has been or is intended to
be discarded.~~

123 pyroxenes – chrysotile fiber; or

124
125 amphiboles – crocidolite, amosite, tremolite, actinolite or anthophilite
126 fiber.
127

128 "Commercial activity": Any activity done for hire or having financial profit as a
129 primary aim.

131 "Debris": Asbestos-containing waste produced by the demolition of a structure.

133 "Spraying": The pneumatic application of material used for fireproofing or
134 insulation.

135
136 "Waste": Any asbestos-containing matter which has been or is intended to be
137 discarded.
138

139 **Section 228.104 Incorporations by Reference**

140
141 The following materials are incorporated by reference:

- 142
143 a) ASME Power Test Code 27-1957, American Society of Mechanical Engineers,
144 United Engineering Center, 345 East 47th Street, New York, NY 10017.

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- b) Edwards, G. H., and Lynch, J. R., "The Method Used by the U. S. Public Health Service for Enumeration of Asbestos Dust on Membrane Filters," Ann. Occupational Hyg. (Oxford), 11(1):1-6, January, 1968.

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SUBPART B: GENERAL REQUIREMENTS

151

Section 228.121 Prohibition

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No commercial activity, not otherwise hereinafter prohibited, involving the potential discharge of visible amounts of asbestos fiber or asbestos-containing materials into the ambient air from the construction, alteration, repair or demolition of a structure or from the processing or manufacturing of asbestos-containing products, shall be conducted unless the person or entity in charge of such activity complies with the following:

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- a) Personnel shall be designated to exercise full-time supervisory authority over all aspects of the activity from which the release of asbestos fiber into the environment could result, in such a manner as to insure compliance with the pertinent asbestos control regulations.

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- b) Each employee engaged in such activity shall complete a course of instruction on the potential hazards of exposure to asbestos fiber, including the precautions that must be observed to prevent or restrict the dispersion of asbestos fiber into the environment.

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- c) Facilities shall be provided and procedures instituted and supervised that prevent the removal from the site of visible amounts of asbestos-containing material on the clothing of the employees.

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- d) Asbestos-containing wastes shall be immediately vacuumed or otherwise collected where vacuuming is impossible, and shall be placed in a container resistant to tearing or breaking under normal handling conditions, which shall be tightly sealed and clearly marked as containing asbestos waste. Such containers shall be placed directly upon a vehicle for disposal by burial at a sanitary landfill. Exception: This subsection (d) shall not apply to the demolition of a structure, except as provided in Section ~~228.141~~229.141(d) and (e) or to the disposal of sludge waste except as provided in Section 228.156.

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Section 228.123 Permit for Manufacture

The manufacturing or processing of asbestos-containing products is prohibited unless the person

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186 or entity in charge of such activity has obtained a permit from the Illinois Environmental
187 Protection Agency (Agency). Before obtaining such permit the applicant shall demonstrate
188 compliance with Section 228.121 and such additional standards as are hereinafter specifically
189 required.

190

191 SUBPART C: CONSTRUCTION, ALTERATION
192 AND REPAIR OF STRUCTURE

193

194 **Section 228.131 Spray Asbestos Prohibited**

195

196 The spraying of asbestos-containing material is prohibited.

197

198 **Section 228.132 Non-asbestos Spray Insulation**

199

200 Non-asbestos fibrous matter shall not be sprayed in an area open to the atmosphere unless the
201 following procedures are taken:

202

203 a) The entire floor or area to be sprayed shall be enclosed with plastic or
204 plastic-coated tarpaulins in a manner which shall preclude the escape of
205 fiber-containing material from the enclosure. All interior open areas such as
206 elevator shafts and stairwells shall be enclosed in a manner which shall prevent
207 the escape of fiber-containing material from the working area.

208

209 b) The entire sprayed area, all ledges and surfaces including tarpaulins within the
210 enclosure shall be thoroughly vacuumed upon completion of the spraying
211 operation and immediately before the enclosure is dismantled.

212

213 **Section 228.133 Enclosure for Asbestos Construction**

214

215 a) The cutting, trimming, fitting or stripping of asbestos-containing material in the
216 construction, alteration or repair of a structure which is done at the site of such
217 structure in an area open to the atmosphere shall be conducted within a special
218 enclosure designed to preclude the escape of asbestos fiber from the immediate
219 area of such enclosure.

220

221 b) The mechanical exhaustion of dust from such enclosure to the ambient air is
222 prohibited unless such exhaust system is equipped with a properly sized fabric
223 filter for dust collection or an equivalent device as approved by the Agency.

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225 **Section 228.134 No Visible Emission**

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227 Compliance with Sections 228.132 and 228.133 notwithstanding, visible emissions of
228 fiber-containing material in an area open to the atmosphere shall be considered a violation.
229

230 **Section 228.135 Preclude Exposure to Circulating Air**
231

232 Asbestos-containing material applied in the construction, alteration or repair of a structure shall
233 be coated with a sealant, provided with a cover or installed in some other manner so as to
234 preclude emission of the asbestos-containing material to the circulating air. Any plenum or other
235 structure coated with or containing asbestos-containing insulation and used in the circulation of
236 air in a building shall be thoroughly cleaned of all debris and waste insulation.
237

238 SUBPART D: DEMOLITION
239

240 **Section 228.141 Necessary and Practicable ~~Safeguards~~Safegards**
241

242 Where the risk of public exposure to asbestos fiber from the dislodging of asbestos-containing
243 materials is present, no demolition of a structure shall be initiated unless all safeguards necessary
244 and practicable to reduce the emission of dust are taken. Such procedures shall include, but are
245 not necessarily limited to:
246

- 247 a) Boilers and pipes and steel members insulated or fireproofed with
248 asbestos-containing material shall be wetted and stripped before toppling of walls
249 is begun. This procedure shall be followed, where practicable, as to all other
250 asbestos-lined surfaces. Such asbestos waste shall be immediately bagged and
251 disposed of in accordance with Section 228.121(d).
252
- 253 b) When demolition by toppling occurs such reasonable enclosure for dust emission
254 control as is compatible with the character of the structure shall be employed.
255
- 256 c) Before the demolition or toppling of any section or wall of the structure, adequate
257 wetting to suppress the dust shall be employed.
258
- 259 d) Asbestos-containing debris shall not be dropped or thrown from any floor but
260 shall be transported by dust-tight chutes or buckets. Asbestos-containing debris in
261 chutes or buckets shall be sufficiently wetted to preclude dust dispersion at the
262 point of discharge.
263
- 264 e) All asbestos-containing debris shall be thoroughly wetted before loading into
265 trucks, other vehicles or containers. During transport such waste shall be
266 enclosed or covered so as to prevent dust dispersion. Asbestos-containing debris
267 shall be disposed by burial at a sanitary landfill.

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SUBPART E: MANUFACTURING

Section 228.151 Emission Standards; Sampling and Counting Procedures

A factory, plant or enterprise which engages in the processing or manufacturing of any asbestos-containing product shall discharge no visible emission of particulate matter from such manufacturing or processing into the ambient air and shall emit no concentrations of asbestos fiber into the ambient air in excess of 2 fibers per cubic centimeter of air.

- a) Sampling of emissions shall be by the membrane filter method and according to the procedures recommended in the ASME Power Test Code 27-1957, or other procedures generally accepted by persons knowledgeable in the state of the art.
- b) Counting shall be according to the procedure outlined in Edwards, G. H., and Lynch, J. R., "The Method Used by the U. S. Public Health Service for Enumeration of Asbestos Dust on Membrane Filters," Ann. Occupational Hyg. (Oxford), 11(1):1-6, Jan. 1968; with 20 fields per sample, counted at random using phase contrast microscopy at 430 x magnification and counting only fibers 5 microns or greater in length, with a length to breadth ratio of 3 to 1 or greater.

Section 228.152 Venting of all Emissions to Central Sources

Any factory, plant or enterprise which engages in the processing or manufacturing of any asbestos-containing product shall control all asbestos handling facilities so that exhaust air can be ducted through necessary air pollution control equipment and samples taken of the gases which are emitted into the ambient air.

Section 228.153 Inspection

Any factory, plant or enterprise for which a permit is sought or has been granted pursuant to Section 228.122 shall be subject to inspection by the Agency at any reasonable time, without prior notice.

Section 228.154 Monitoring and Reporting

At a frequency to be determined by the Agency, any factory, plant or enterprise which engages in the processing or manufacturing of any asbestos-containing product shall sample the exhaust from such factory, plant or enterprise and submit the emission data to the Agency.

Section 228.155 Process Wastewater Effluent Criteria

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310 A factory, plant or enterprise the manufacturing processes of which add asbestos fiber to water
311 shall not discharge such process wastewater to the sewers or waters of Illinois unless such
312 process wastewater is given the best available treatment consistent with technological feasibility
313 and economic reasonableness.

314

315 **Section 228.156 Sludge Disposal**

316

317 Waste sludge containing asbestos and collected from settling ponds shall be enclosed during
318 transport and shall be disposed by burial at a sanitary landfill.

319

320 **Section 228.157 Transportation of Asbestos-containing Products**

321

322 No product which may emit asbestos-fiber during its transportation shall be transported unless
323 such product is enclosed so as to preclude the emission of asbestos fiber into the ambient air.

324

325 **Section 228.158 No Visible Emission**

326

327 Notwithstanding compliance with ~~Section~~Sections 228.156 and 228.157 the visible emission of
328 particulate matter in the course of such transportation shall be considered a violation.

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330

SUBPART F: LOCAL ENFORCEMENT

331

332 **Section 228.161 Obligation to Enforce**

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334 It shall be the obligation of local governments as well as the Agency to enforce by appropriate
335 means the requirements of Sections 228.121 and 228.156 through 228.158.

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337 Section 228.APPENDIX A Rule into Section Table
338

<u>RULE</u>	<u>SECTION</u>
601	228.101
602	228.102
603	228.103
621	228.121
622	228.123
631	228.131
632	228.132
633	228.133
634	228.134
635	228.135
641	228.141
651	228.151
652	228.152
653	228.153
654	228.154
655	228.155
656	228.156
657	228.157
658	228.158
661	228.161

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341 Section 228.APPENDIX B Section into Rule Table
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<u>SECTION</u>	<u>RULE</u>
228.101	601
228.102	602
228.103	603
228.104	---
228.121	621
228.123	622
228.131	631
228.132	632
228.133	633
228.134	634
228.135	635
228.141	641
228.151	651
228.152	652
228.153	653
228.154	654
228.155	655
228.156	656
228.157	657
228.158	658
228.161	661

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345 Section 228.APPENDIX C Past Compliance Dates

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Rule 621

348 After June 30, 1972 commercial activities involving potential discharge of asbestos from the
349 construction, alteration, repair or demolition of a structure or from the processing or
350 manufacturing of asbestos-containing products were prohibited except in compliance with
351 certain requirements.

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353

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Rule 631

355 The spraying of asbestos-containing materials was prohibited after March 31, 1972.

356

357

358

Rule 651

359 After June 30, 1972, factories, plants or enterprises engaged in processing or manufacturing of
360 any asbestos-containing product were prohibited from discharging visible emissions of
361 particulate matter or concentrations of asbestos fiber in excess of 2 per cubic centimeter.

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Summary report:	
Litera Compare for Word 11.8.0.56 Document comparison done on 3/24/2026 11:39:53 AM	
Style name: Default Style	
Intelligent Table Comparison: Active	
Original filename: 35-228RG-PR Agency 3.19.26.docx	
Modified filename: 35-228-(JCAR Predraft)-3-24-26.docx	
Changes:	
<u>Add</u>	29
Delete	20
Move From	0
<u>Move To</u>	0
<u>Table Insert</u>	0
Table Delete	47
<u>Table moves to</u>	0
Table moves from	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	0
Embedded Excel	0
Format changes	0
Total Changes:	96

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TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER f: TOXIC AIR CONTAMINANTS

PART 232
TOXIC AIR CONTAMINANTS (REPEALED)

SUBPART A: GENERAL PROVISIONS

- Section
232.100 Introduction
232.110 Incorporations by Reference
232.120 Definitions
232.130 Applicability

SUBPART B: DETERMINATION OF A TOXIC AIR CONTAMINANT

- Section
232.200 Characteristics for Determining a Toxic Air Contaminant

SUBPART C: PROCEDURES FOR EVALUATING CHARACTERISTICS
OF A TOXIC AIR CONTAMINANT

- Section
232.300 Purpose
232.310 Procedures for Determining the Toxicity Score
232.320 Carcinogen Classification

SUBPART D: SOURCE IDENTIFICATION AND REPORTING REQUIREMENTS

- Section
232.400 Purpose
232.410 Applicability
232.420 ITAC Source Report
232.421 Emissions Report Certification
232.423 Failure to Receive an ITAC Source Report
232.430 Emissions Report
232.440 Use of Available Data
232.450 Retention of Records/Additional Information
232.460 Reporting of Errors

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SUBPART E: LISTING AND DELISTING

- Section
232.500 Procedures for Listing and Delisting Toxic Air Contaminants
232.501 Listing of Federal Hazardous Air Pollutants, Great Lakes Commission
Toxic Compounds and Great Waters Program Toxic Compounds
232.APPENDIX A List of Toxic Air Contaminants
232.APPENDIX B Additional Procedures for Calculating the Chronic Toxicity Score
232.APPENDIX C Carcinogens (Categories A, B1, and B2) listed on the Integrated Risk
Information System (IRIS) as of December 31, 1989 (United States
Environmental Protection Agency, Office of Health and Environmental
Assessment)

AUTHORITY: Implementing Section 9.5 and authorized by Section 27 of the Environmental
Protection Act [415 ILCS 5/9.5 and 27].

SOURCE: Adopted in R90-1 at 16 Ill. Reg. 16592, effective October 18, 1992; amended in
R96-4 at 21 Ill. Reg. 6237, effective May 12, 1997; amended in ~~R 22-17~~R22-17 at 49 Ill. Reg.
6462, effective April 23, 2025; repealed in R18-21 at 50 Ill. Reg. ~~_____~~_____, effective
~~_____~~_____.

SUBPART A: GENERAL PROVISIONS

Section 232.100 Introduction

This Part establishes a program to identify toxic air contaminants. This Part includes a list of
toxic air contaminants (Section 232.Appendix A), the procedures to determine a toxic air
contaminant and the procedures to amend the list.

Section 232.110 Incorporations by Reference

- a) The following materials are incorporated by reference:
- American Conference of Governmental Industrial Hygienists (ACGIH).
Threshold Limit Values and Biological Exposure Indices for 1989-90 (1989).
Document can be obtained from: 6500 Glenway Avenue, Building D-7,
Cincinnati, Ohio 45211-4438.
 - Good Laboratory Practice Standards, 21 CFR 58 (1990).

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Good Laboratory Practice Standards, 40 CFR 160 (1989).

Good Laboratory Practice Standards, 40 CFR 792 (1990).

Organization for Economic Co-operation and Development (OECD). OECD Guidelines For Testing of Chemicals, Appendix: Good Laboratory Practice [c(81)30(Final)] (November, 1989). Document can be obtained from: OECD Publications and Information Centre, 2001 L Street, N.W., Suite 700, Washington, D.C. 20036-4095.

United States Department of Health and Human Services, Public Health Service, National Toxicological Program (NTP). Fifth Annual Report on Carcinogens (1989). Document can be obtained from: National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161.

World Health Organization, International Agency for Research on Cancer (IARC). Monographs on the Evaluation of Carcinogenic Risks to Humans, Overall Evaluations of Carcinogenicity: An Updating of IARC Monographs Volumes 1 to 42, Supplement 7 (1987). Document can be obtained from: WHO Publications Centre USA, 49 Sheridan Avenue, Albany, New York 12210.

- b) This Section incorporates no future editions or amendments.

Section 232.120 Definitions

The definitions of 35 Ill. Adm. Code 201 and 211 apply to this Part, as well as the definitions contained in this Section. Where a definition contained in this Section is more specific than those found in 35 Ill. Adm. Code 201 and 211, it must take precedence in application of this Part.

"ACGIH" means the American Conference of Governmental Industrial Hygienists.

"Adverse health effect" means a health injury or disease that may be produced by exposure to a contaminant. This includes any decrement in the function of an organ or organ system or any subclinical organ lesion that is likely to lead to a decrement in an organ or organ system function.

"Commercial fuel" means:

Any fuel offered for final sale for use in combustion processes;

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Any gaseous or liquid fuel generated as a by-product at a source for which the source has been issued an operating permit to use such fuel internally in combustion processes, including internal combustion engines; or

Any waste derived fuel for which an operating permit has been issued and which represents no more than five percent (.05) by weight on a daily basis of total fuel used in combustion processes by a source.

"Critical gestation days" means the days during which the formation and differentiation of organs and organ systems occurs during embryonic development.

"Fugitive emissions" is defined according to 35 Ill. Adm. Code 203.1190.

"IARC" means the World Health Organization's International Agency for Research on Cancer.

"IRIS" means the USEPA's Integrated Risk Information System.

"Illinois Toxic Air Contaminant" (ITAC) means any toxic air contaminant listed under 35 Ill. Adm. Code 232, excluding, specifically: coke oven gas; any hazardous air pollutant (HAP) now or hereafter listed under Section 112(b) of the Clean Air Act (CAA) (1990); and any pollutant or contaminant listed as a compound of concern under the Great Waters and Coastal Waters Program under Section 112(m) of the CAA.

"ITAC Source Report" means the report that the Agency provides to the source that lists data fields for the information required in the emissions report for Subpart D of this Part, and contains the information, if any, that previously has been reported to the Agency for those data fields.

"LC50" means the concentration in the air of a contaminant that kills, or is estimated to kill, 50% (.50) of a population of laboratory animals where the exposure is brief (8 hours or less) and where the route of exposure is inhalation.

"LD50" means the dose of a contaminant that kills, or is estimated to kill, 50% (.50) of a population of laboratory animals where the route of exposure is ingestion.

"Lowest observed adverse effect level" means the lowest experimentally

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165 determined dose at which a statistically or biologically significant indication of
166 the toxic effect of concern is observed.
167

168 "Manufacture" means, for the purposes of Subpart D of this Part, to produce,
169 prepare, or compound a listed ITAC, and includes coincidental production of an
170 ITAC (e.g., as a by-product or impurity) as a result of the manufacture, processing
171 or otherwise use or treatment of one or more chemical substances not an ITAC.
172 An ITAC intentionally incorporated into a product is considered to be
173 manufactured.
174

175 "NTP" means the United States Department of Health and Human Services,
176 Public Health Services' National Toxicological Program.
177

178 "No observed effect" means the condition where no adverse health effect has been
179 detected.
180

181 "Otherwise use" means, for the purposes of Subpart D of this Part, any activity
182 involving a listed ITAC at a source that does not fall within the definition of
183 "manufacture" or "process."
184

185 "Process" means, for the purposes of Subpart D of this Part, the preparation of an
186 ITAC after its manufacture for distribution in commerce in the same physical
187 state as, or in a different form or physical state from, that in which it was received
188 by the source, or preparation that produces a change in physical state or chemical
189 form.
190

191 "Toxic air contaminant" (TAC) means a contaminant identified under Section
192 232.200 or Section 232.501 of this Part and listed in Appendix A of this Part.
193

194 **Section 232.130 Applicability**

195
196 The requirements of this Part do not apply to the following:
197

- 198 a) ~~RETAIL DRY CLEANING OPERATIONS~~Retail dry cleaning operations;
- 199
200 b) ~~RETAIL AND NONCOMMERCIAL STORAGE AND HANDLING OF~~
201 ~~MOTOR FUELS~~Retail and noncommercial storage and handling of motor fuels;
202
- 203 c) ~~COMBUSTION PROCESSES USING ONLY COMMERCIAL FUEL,~~
204 ~~INCLUDING INTERNAL COMBUSTION ENGINES; AND~~Combustion
205 processes using only commercial fuel, including internal combustion engines;

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206 and

207

208 d) ~~INCIDENTAL OR MINOR SOURCES INCLUDING LABORATORY SCALE~~
209 ~~OPERATIONS, AND SUCH OTHER SOURCES OR CATEGORIES OF~~
210 ~~SOURCES WHICH ARE DETERMINED BY THE BOARD TO BE OF MINOR~~

211 ~~SIGNIFICANCE~~Incidental or minor sources including laboratory-scale
212 operations, and such other sources or categories of sources which are determined
213 by the Board to be of minor significance. (Section 9.5(e) of the Act)
214

215 SUBPART B: DETERMINATION OF A TOXIC AIR CONTAMINANT

216

217 **Section 232.200 Characteristics for Determining a Toxic Air Contaminant**

218

219 a) Contaminants found by the Board to be Toxic Air Contaminants pursuant to
220 subsections (b) or (c), below, shall be listed in ~~Section 232~~.Appendix A.
221

222

223 b) ~~A TOXIC AIR CONTAMINANT IS A CONTAMINANT WHICH the Board~~
224 ~~finds MAY CAUSE OR SIGNIFICANTLY CONTRIBUTE TO AN INCREASE~~
225 ~~IN MORTALITY OR AN INCREASE IN SERIOUS IRREVERSIBLE OR~~
226 ~~INCAPACITATING REVERSIBLE ILLNESS, OR MAY POSE A~~
227 ~~SIGNIFICANT THREAT TO HUMAN HEALTH~~Toxic Air Contaminant is a
228 contaminant which the Board finds may cause or significantly contribute to an
229 increase in mortality or an increase in serious irreversible or incapacitating
230 reversible illness, or may pose a significant threat to human health. (Section
231 9.5(c) of the Act)

232

233 c) The Board shall find that a contaminant is a Toxic Air Contaminant upon a
234 determination that:

235

236 1) The contaminant has a Toxicity Score of 3 or greater using the procedures
237 for determining the Toxicity Score described in Section 232.310; or

238

239 2) The contaminant is classified as a carcinogen according to Section
240 232.320; and

241

242 3) The contaminant meets the statutory definition set forth in subsection (b),
243 above.

244

245 d) Any person can petition the Board to list or delist a toxic air contaminant pursuant
246 to the requirements of Section 232.500. The Board will consider such a petition a
proposal for rulemaking subject to the requirements of 35 Ill. Adm. Code 102.

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SUBPART C: PROCEDURES FOR EVALUATING CHARACTERISTICS
OF A TOXIC AIR CONTAMINANT

Section 232.300 Purpose

This Subpart identifies the procedures used to evaluate the characteristics of a toxic air contaminant. The Agency will use these procedures in proposing to list or delist toxic air contaminants in Section 232. Appendix A.

Section 232.310 Procedures for Determining the Toxicity Score

The Toxicity Score is the sum of the Acute Lethality Score and the Chronic Toxicity Score. The Acute Lethality Score is a number which indicates a contaminant's potential to cause death. The Chronic Toxicity Score is a number which indicates a contaminant's potential to cause adverse health effects after chronic exposure.

a) Procedure for Determining the Acute Lethality Score

1) The Acute Lethality Score is derived from toxicological studies using laboratory rats. One of two routes of exposure is used: inhalation or ingestion. Values derived from inhalation are used in preference to values derived from ingestion.

2) The Acute Lethality Score is derived from the following table:

Inhalation Concentration (LC50)	Acute Lethality Score
Less than: 500 mg/cu. m	3
500-4,999 mg/cu. m	2
5,000-50,000 mg/cu. m	1
Greater than: 50,000 mg/cu. m	0

or, if the above data are not available:

Ingestion Dose (LD50)	Acute Lethality Score
Less than: 50 <u>500</u> mg/kg	3
50-499 <u>500-499</u> mg/kg	2
500-5,000 mg/kg	1
Greater than: 5,000 mg/kg	0

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b) Procedure for Determining the Chronic Toxicity Score

The Chronic Toxicity Score is the product of the Lowest Toxic Dose Score and the Severity of Effects Score.

1) Procedure for Determining the Lowest Toxic Dose Score

The Lowest Toxic Dose Score is a number based upon the lowest ~~does~~dose of a contaminant that causes an observable adverse health effect.

The Lowest Toxic Dose Score is derived from the following table:

Dose	Lowest Toxic Dose Score
Less than: 5 mg/kg/ day	1
5-50 mg/kg/day	2 <u>3</u> ² / ₃
Greater than: 50 mg/kg/day	4 <u>3</u> ¹ / ₃

2) Procedure for Determining the Severity of Effects Score

The Severity of Effects Score is a number based upon the category of organ(s) affected and the level of effect upon the organ(s).

A) Organ Categories

There are three categories of organs or organ systems which are identified as follows:

- i) Category I includes: organs, the impairment or loss of which is fatal or usually cannot be compensated for by the body; gonads, the loss of which prevents the transmission of genetic material; and, adverse reproductive outcome including stillbirth, miscarriage, or reduced litter size (animal studies). The Category I organs are: Lungs, Heart, Brain, Spinal Cord, Kidneys, Liver, Bone Marrow, and Gonads.

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- 311 ii) Category II includes: organs, the impairment or loss of
312 which may be fatal, but which can be compensated for by
313 drug or replacement therapy; adverse effect on an immune
314 function which may be life threatening; changes in the
315 composition or function of blood constituents which may
316 be life threatening; and, certain fetotoxic effects including
317 premature birth, reduced birth weight, and reduced
318 morphometric parameters. The Category II organs are:
319 Adrenals, Thyroids, Parathyroids, Pituitary, Pancreas,
320 Esophagus, Stomach, Small Intestine, Large Intestine,
321 Lymph Nodes, Thymus, Trachea.
322
- 323 iii) Category III includes: organs, the impairment or loss of
324 which is not life threatening but may result in functional or
325 emotional handicaps; adverse effect on an immune function
326 which is not life threatening; changes in composition or
327 function of blood which are not life threatening but may
328 result in functional handicaps. Category III organs include,
329 but are not limited to: Oviducts, Epididymides, Uterus,
330 Prostrate, Seminal Vesicles, Ductus Deferens, Penis,
331 Vagina, Eyes, Bone, Nose, Peripheral Nerves, Muscles,
332 Urinary Bladder, Blood Vessels, Ears, Gallbladder, Larynx,
333 Mammary Glands, Salivary Glands, Skin, Spleen, Tongue,
334 Teeth, Ureter, Urethra, Pharynx.
335
- 336 B) Levels of Effect
337
338
- 339 There are four levels of effect: Serious Irreversible ("SI"); Serious
340 Reversible ("SR"); Non-serious Irreversible ("NI"); and
341 Non-serious Reversible ("NR").
- 342 i) A serious effect is an incapacitating condition or a
343 condition which significantly contributes to an increase in
344 mortality.
345
- 346 ii) A non-serious effect is a non-incapacitating condition or a
347 condition which is unlikely to contribute to an increase in
348 mortality.
349
- 350 iii) An irreversible effect is one that is permanent or would
351 require medical treatment to correct.

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iv) A reversible effect is a temporary effect.

C) ~~☞~~ Table of Severity of Effects Scores-

The Severity of Effects Score for any level of effect observed in an organ belonging to a specified organ category is derived from the following table:

	Organ Category		
	<u>I</u>	<u>II</u>	<u>III</u>
<u>Level of Effect</u>	I	II	III
SI	6	5	4
SR	5	4	3
NI	4	3	2
NR	3	2	1
No Observed Effect	0	0	0

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D) When a study identifies an adverse health effect on multiple organs within the same category at the lowest observed adverse effect level, the Severity of Effects Score is increased by a value of 1. In no event can the Severity of Effects Score be greater than 6.

3) Additional procedures for calculating the Chronic Toxicity Score are described in Section 232. Appendix B.

Section 232.320 Carcinogen Classification

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a) For purposes of this Part, the Agency will consider a contaminant to be a carcinogen if it is classified in the following manner:

- 1) A Category A1 or A2 Carcinogen by AGCIH; or
- 2) A Category 1 or 2A/2B Carcinogen by IARC; or
- 3) A "Human Carcinogen" or "Anticipated Human Carcinogen" by NTP; or
- 4) A Category A or B1/B2 Carcinogen by the United States Environmental Protection Agency (USEPA) in IRIS or a Final Rule issued in a Federal

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384 Register notice by the USEPA as of the effective date of this regulation.
385

- 386 b) The references ACGIH, IARC, and NTP are incorporated by reference in Section
387 232.110. The reference IRIS is the United States Environmental Protection
388 Agency, Office of Health and Environmental Assessment, Integrated Risk
389 Information System. The categories A, B1, and B2 carcinogens of IRIS as of
390 December 31, 1989, are listed in Section 232.Appendix C.
391

392 SUBPART D: SOURCE IDENTIFICATION AND REPORTING REQUIREMENTS
393

394 **Section 232.400 Purpose**
395

396 This Subpart establishes identification and reporting requirements for new and existing sources
397 that emit Illinois Toxic Air Contaminants.
398

399 **Section 232.410 Applicability**
400

- 401 a) This Subpart shall apply to any owner or operator of a source that manufactures,
402 processes or imports 25,000 lbs. or more of any individual ITAC in any calendar
403 year or otherwise uses 10,000 lbs. of any individual ITAC in any calendar year.
404
- 405 b) This Subpart shall not apply to the following:
406
- 407 1) Retail dry cleaning operations;
 - 408 2) Retail and noncommercial storage and handling of motor fuels;
 - 409 3) Combustion processes, including internal combustion engines, using only
410 commercial fuel;
 - 411 4) Equipment and operations which are exempt from permitting requirements
412 pursuant to 35 Ill. Adm. Code 201.146;
413
 - 414 5) Components of commercial and non-commercial agrichemical facility
415 operations that are permitted under 8 Ill. Adm. Code 255 by the
416 Department of Agriculture and endorsed by the Illinois Environmental
417 Protection Agency pursuant to Section 39.4 of the Act; [415 ILCS 5/39.4.]
418
 - 419 6) Farm storage or application of ~~agricultural~~agriculture chemicals and
420 distribution facilities not covered by 8 Ill. Adm. Code 255 that are used for
421 storage or distribution of agrichemicals; and
422
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- 425
426 7) The requirements of this Subpart shall not apply to the application of
427 registered pesticides.
428
429 c) If an ITAC is present in a mixture of chemicals at a source at a concentration
430 below 1% (0.01) by weight, or .1% (0.001) by weight in the case of an ITAC
431 which is a carcinogen listed in Appendix C of this Part, an owner or operator
432 subject to this Subpart is not required to consider the quantity of the ITAC in such
433 mixture when determining whether an applicable threshold has been met under
434 subsection (a) of this Section or in determining the amount of emissions to be
435 reported under Section 232.430 of this Part.
436

437 **Section 232.420 ITAC Source Report**
438

- 439 a) On or before July 1, 1997, the Agency shall provide to the owner or operator of a
440 source that is expected to be subject to this Subpart the ITAC Source Report. The
441 ITAC Source Report shall contain all data fields for the information required
442 under this Subpart.
443
444 b) The information on emissions provided by the owner or operator of a source in
445 the emissions report submitted pursuant to Section 232.430 of this Part shall be
446 based on the best information available to the owner or operator and that is
447 reflective of the operations of the source and its ITAC emissions.
448

449 **Section 232.421 Emissions Report Certification**
450

451 All emission reports filed pursuant to this Subpart shall contain the following certification
452 statement: "I hereby certify that I have reviewed the attached documents and that, to the best of
453 my knowledge and belief, the submitted information is true and complete and that the amounts
454 and values in this report are accurate based on reasonable estimates using data available to the
455 preparers of this report." The certification statement shall be signed by an individual responsible
456 for the certification of the accuracy of the emissions report who will take legal responsibility for
457 the information verified or reported therein. The certification statement shall be accompanied by
458 the full name, title, actual signature, date of signature, and a telephone number of the individual
459 signing the emissions report.
460

461 **Section 232.423 Failure to Receive an ITAC Source Report**
462

463 Failure to receive the ITAC Source Report from the Agency shall not relieve an owner or
464 operator from the obligation to file a complete emissions report. Any owner or operator who
465 does not receive the ITAC Source Report on or before July 1, 1997, may contact the Agency to

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466 request the ITAC Source Report.
467

468

(Source: Added at 21 Ill. Reg. 6237, effective May 12, 1997)

469

470 **Section 232.430 Emissions Report**
471

472

- 473 a) On or before October 1, 1997, the owner or operator of a source subject to this
474 Subpart shall file an emissions report for the calendar year 1996 which shall
475 include the following information:

476

- 477 1) Source identification information and the source's actual annual emissions
478 of each ITAC (identified by generic name and Chemical Abstract Service
479 (CAS) number) expressed in tons per year (TPY), and the source's annual
480 fugitive emissions of each ITAC, expressed in TPY, for each ITAC that
481 exceeds the threshold for applicability as set forth in Section 232.410 of
482 this Part. In determining the actual annual emissions of each ITAC, the
483 source may exclude emissions of such ITAC from all emission units with
484 de minimis emissions of ITACs; or

485

- 486 2) If the owner or operator of a source subject to this Subpart so elects, the
487 owner or operator may choose to submit the relevant portions of the
488 USEPA's Emergency Planning and Community Right to Know Act
489 (EPCRA) Form R in lieu of the report required under subsection (a)(1) of
490 this Section. If the owner or operator so elects, the reporting of emissions
491 under Form R may be reported in pounds per year rather than in tons per
492 year (TPY) as required in subsection (a)(1) of this Section.

493

- 494 b) The following emissions of ITACs shall be considered to be de minimis and shall
495 not be subject to reporting requirements under this Subpart:

496

- 497 1) Emissions of ITACs from an emission unit which, in the aggregate, are
498 less than one-half (0.5) TPY;

499

- 500 2) Emissions from a process unit resulting from a process vent stream with
501 ITAC concentrations that are always less than one-tenth of one percent
502 (0.001) by weight on a daily basis, if such concentrations include any
503 carcinogen listed in Appendix C of this Part;

504

- 505 3) Emissions from a process unit resulting from a process vent stream with
506 ITAC concentrations that are always less than one percent (0.01) by
weight on a daily basis, if such concentrations do not include any

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- 507 carcinogen listed in Appendix C of this Part; or
508
509 4) Fugitive emissions of ITACs from a process unit which, in the aggregate,
510 are less than one-half (0.5) TPY.
511
- 512 c) If a source becomes subject to this Subpart on or after the effective date of this
513 Subpart, the owner or operator of the source shall submit an emissions report to
514 the Agency on or before July 1 of the year following the date the source becomes
515 subject to this Subpart for the period from the date the source first becomes
516 subject to this Subpart through the end of the calendar year before the year the
517 first report from such source is due under this Subpart. Such emissions report
518 shall contain all of the information listed in ~~subsections~~subsection (a)(1) or (a)(2)
519 of this Section and any additional information requested by the Agency pursuant
520 to Section 232.450 of this Part. Any such emissions report shall satisfy the
521 requirements of Subpart D of this Part.
522
- 523 d) An owner or operator of a source subject to this Subpart shall submit to the
524 Agency a revised₂ emissions report on or before July 1 of the year following the
525 occurrence of any of the following:
526
- 527 1) If the source's actual annual emissions of any individual ITAC or any
528 combination of ITACs required to be reported under this Subpart increases
529 by more than one-half (~~0.5~~0.5) TPY or one (1) TPY, respectively, from
530 the sources' emissions of ITACs initially reported under this Subpart; or
531
- 532 2) If the source emits an ITAC that exceeds the threshold for applicability as
533 set forth in Section 232.410 of this Part which was not previously reported
534 in the source's initial report of its emissions of ITACs or in any subsequent
535 revised report of its emissions of ITACs required to be submitted pursuant
536 to this subsection (d).
537
- 538 e) Any revised emissions report required to be submitted under subsection (d) of this
539 Section shall contain all of the information listed in subsection (a) of this Section
540 and any additional information requested by the Agency pursuant to Section
541 232.450 of this Part. Any revised emissions report shall satisfy the requirements
542 of Subpart D.
543
- 544 f) By July 1 of the calendar year following any modification or change to an
545 emission unit requiring a revision to an existing permit or a new permit which
546 may result in an increase in emissions of a previously reported ITAC by ten
547 percent (.10) or more, an owner or operator of a source subject to this Subpart

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548 shall submit to the Agency a revised emissions report which includes the
549 information required under this Section 232.430.
550

551 (Source: Added at 21 Ill. Reg. 6237, effective May 12, 1997)
552

553 **Section 232.440 Use of Available Data**
554

- 555 a) In order to provide the information requested by the Agency pursuant to Section
556 232.450 of this Part, the owner or operator of a source may:
557
- 558 1) Use reasonable engineering estimates of total emissions of individual
559 ITACs pursuant to an emissions determination method, if, in each case,
560 the owner or operator of a source specifies the emissions determination
561 method used to estimate total emissions and certifies that such data
562 represents the best available information and is true and accurate to the
563 best of his/her knowledge; or
564
 - 565 2) If available, use monitoring or measuring data collected pursuant to other
566 provisions of law or regulation.
567
- 568 b) Nothing in this Subpart requires the monitoring or measurement of the quantities,
569 concentrations, or frequency of emissions of any ITAC beyond any monitoring or
570 measurement required under other provisions of law or regulation.
571

572 (Source: Added at 21 Ill. Reg. 6237, effective May 12, 1997)
573

574 **Section 232.450 Retention of Records/Additional Information**
575

- 576 a) For purposes of modeling and conducting assessments of information submitted
577 under this Subpart, the Agency may request supporting documentation or
578 additional information for any emissions report submitted by a source, including:
579
- 580 1) An identification by generic name and Chemical Abstract Service (CAS)
581 number the ~~source's~~source's emissions of each ITAC by emission unit,
582 with maximum hourly emission rates in lbs/hr and actual annual emissions
583 in TPY and the source's fugitive emissions of each ITAC in TPY;
584
 - 585 2) Operating data, exhaust point information and, if applicable, control
586 device information for each emission unit; and
587
 - 588 3) Copies of engineering estimate calculations, mass balance calculations,

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589 and any other information or documentation used by the owner or operator
590 of a source in preparing an emissions report.
591

592 b) All records and calculations upon which the data submitted in the emissions
593 report are based must be retained by the source for a minimum of three (3) years
594 following the filing of a complete report. The owner or operator of a source shall
595 provide the requested information in a format acceptable to the Agency within 60
596 days after the receipt of the request.
597

598 c) Nothing in this Section shall be interpreted to impose upon any source subject to
599 this Subpart any additional monitoring which is not otherwise required by
600 applicable rules or a permit condition.
601

602 (Source: Added at 21 Ill. Reg. 6237, effective May 12, 1997)
603

604 **Section 232.460 Reporting of Errors**
605

606 If, after submitting any emissions report required by this Subpart, the owner or operator of a
607 source discovers any error in the data reported, the owner or operator shall notify the Agency of
608 the error in writing and shall provide the Agency with the correct data. The notification and
609 correction shall be conveyed to the Agency within sixty (60) days after the owner's or operator's
610 discovery of the error. The corrected data shall be certified in accordance with Section 232.421
611 of this Part.
612

613 (Source: Added at 21 Ill. Reg. 6237, effective May 12, 1997)
614

615 SUBPART E: LISTING AND DELISTING
616

617 **Section 232.500 Procedures for Listing and Delisting Toxic Air Contaminants**
618

619 a) Any person may submit a regulatory proposal to the Board to list or delist a toxic
620 air contaminant.
621

622 b) The proposal to list a contaminant as a toxic air contaminant, or to delist a toxic
623 air contaminant, must include, at a minimum, the following:
624

625 1) The contaminant or toxic air contaminant name and Chemical Abstract
626 Service Number where applicable;
627

628 2) The basis for listing or delisting pursuant to Section 232.200(b) or (c).
629 This shall include but is not limited to, a showing of one of the following:

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- 630
631 A) The toxicity score or carcinogen classification is correctly
632 determined pursuant to the Subpart C procedures;
633
634 B) The Subpart C procedure for determining a toxicity score or
635 carcinogen classification is not appropriate for the contaminant;
636
637 C) The Subpart C procedure for determining a toxicity score or
638 carcinogen classification is incorrectly applied for the contaminant;
639
640 D) The studies used are inadequate for the purposes of the Subpart C
641 procedure; or
642
643 E) Additional or new studies should be considered in a determination
644 to list or delist a contaminant.
645
646 3) A copy of each study or report used to justify the proposal.
647
648 c) The Agency shall participate in each proposal to list or delist a toxic air
649 contaminant and must provide the Board with a recommendation as to
650 advisability of listing or delisting. Such recommendation must include a toxicity
651 scoring pursuant to Section 232.300 and a carcinogen classification pursuant to
652 Section 232.310.
653
654 d) The Agency will propose an update of the list of toxic air contaminants to the
655 Board no less frequently than once every 2 years.
656

657 **Section 232.501 Listing of Federal Hazardous Air Pollutants, Great Lakes Commission**
658 **Toxic Compounds and Great Waters Program Toxic Compounds**
659

660 Notwithstanding the provisions of Section 232.500 of this Subpart, all chemicals listed as
661 "hazardous air pollutants" under Section 112(b) of the CAA (1990) (42 U.S.C. 7412(b)), and all
662 chemicals targeted as toxic compounds or chemicals by the Great Lakes Commission or under
663 the United States Environmental Protection Agency's "Great Waters" Program which are not
664 currently listed as toxic air contaminants under this Part, are hereby listed as toxic air
665 contaminants under Appendix A of this Part. The listing of hazardous air pollutants and other
666 toxic compounds or chemicals as toxic air contaminants under this Section is without reference
667 to the listing procedures of Section 232.500 of this Subpart.
668

669 (Source: Added at 21 Ill. Reg. 6237, effective May 12, 1997)

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672

Chemical Name	CAS Number
Acetaldehyde	75-07-0*
Acetamide	60-35-5*
Acetonitrile	75-05-8*
Acetophenone	98-86-2*
2-Acetylaminofluorene	53-96-3*
Acrolein	107-02-8*
Acrylamide	79-06-1*
Acrylic acid	79-10-7*
Acrylonitrile	107-13-1*
Aldrin	309-00-2**
Allyl chloride	107-05-1*
2-Aminoanthraquinone	117-79-3
4-Aminoazobenzene	60-09-3
o-Aminoazotoluene	93-56-3
4-Aminobiphenyl	92-67-1*
1-Amino-2-methylantraquinone	82-28-0
Amitrole	61-82-5
Aniline	62-53-3*
o-Anisidine	90-04-0*
o-Anisidine hydrochloride	134-29-2
Antimony	7440-36-0
Arsenic	7440-38-2**
Asbestos	1332-21-4*
Azobenzene	103-33-3
Benzo(a)anthracene	56-55-3**
Benzene	71-43-2*
Benzidine	92-87-5*
Benzo(a)pyrene	50-32-8**
Benzo(b)fluoranthene [3,4-Benzofluoranthene]	205-99-2**
Benzo(j)fluoranthene	205-82-3
Benzo(k)fluoranthene [11,12-Benzofluoranthene]	207-08-9**
1,12-Benzoperylene	191-24-2
Benzotrichloride	98-07-7*
Benzyl chloride	100-44-7*
Benzyl violet	1694-09-3
Beryllium	7440-41-7
Beryllium oxide	1304-56-9*

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Biphenyl	92-52-4*
Bis(chloromethyl)ether	542-88-1*
Boron trifluoride	7637-07-2
Bromoform	75-25-2*
4-Bromophenyl phenyl ether	101-55-3**
1,3-Butadiene	106-99-0*
Butyl benzyl phthalate	85-68-7
beta-Butyrolactone	3068-88-0
C.I. Basic Red 9 monohydrochloride	569-61-9
Cadmium	7440-43-9**
Cadmium oxide	1306-19-0*
Calcium cyanamide	156-62-7*
Caprolactam	105-60-2
Captan	133-06-2*
Carbaryl	63-25-2*
Carbofuran	1563-66-2
Carbon black	1333-86-4
Carbon disulfide	75-15-0*
Carbon tetrachloride	56-23-5††††
Carbonyl sulfide	463-58-1*
Carbosulfan	55285-14-8
Catechol	120-80-9*
Chloramben	133-90-4*
Chlordane	57-74-9††††
Chlorinated dibenzodioxins	--
Chlorinated dibenzofurans	--
Chlorendic acid	115-28-6
Alpha-Chlorinated toluenes	--
Chlorinated paraffins [C12, 60% chlorine]	108171-26-2
Chlorine	7782-50-5*
Chloroacetic acid	79-11-18 79-11- 8*
2-Chloroacetophenone	532-27-4*
Chlorobenzene	108-90-7*
Chlorobenzilate	510-15-6*
Chloroform	67-66-3*
Chloromethyl methyl ether	107-30-2*
3,4-Chloro-2-methylpropene	563-47-3
4-Chloro-o-phenylenediamine	95-83-0
p-Chloro-o-toluidine	95-69-2
4-Chlorophenyl phenyl ether	7005-72-3**

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Chloroprene	126-99-8*
Chromium	7440-47-3**
Chromium (VI)	18540-29-9 †† <u>++</u>
Chrysene	218-01-9**
Coal tar (pitch) volatiles	65996-93-2
Cobalt	7440-48-4**
Coke Oven Emissions	-- †† <u>++</u>
Copper	7440-50-8**
p-Cresidine	120-71-8
Creosote (Coal)	8001-58-9
Cresol (mixed isomers) [Cresols/Cresylic acid (isomers and mixture)]	1319-77-3*
o-Cresol	95-48-7*
m-Cresol	108-39-4*
p-Cresol	106-44-5*
Cumene	98-82-8*
Cyanazine	21725-46-2
Cyclohexanone	108-94-1
DDD	72-54-8
DDE	3547-04-4*
4,4'-DDE	72-55-9**
DDT	50-29-3**
Di-n-octyl phthalate	117-84-0**
2,4-Diaminoanisole	615-05-4
2,4-Diaminoanisole sulfate	39156-41-7
4,4'-Diaminodiphenyl ether	101-80-4
2,4-Diaminotoluene	95-80-7*
Diazomethane	334-88-3*
Dibenzo(a,h)acridine	226-36-8
Dibenzo(a,j)acridine	224-42-0
Dibenzo(a,h)anthracene [1,2:5.6-Dibenzanthracene]	53-70-3**
Dibenzo(a,e)pyrene	192-65-4
Dibenzo(a,h)pyrene	189-64-0
Dibenzo(a,i)pyrene	189-55-9
Dibenzo(a,l)pyrene	191-30-0
Dibenzofurans	132-64-9*
Dibutyl phthalate	84-74-2 †† <u>++</u>
1,2-Dibromo-3-chloropropane	96-12-8*
1,2-Dibromoethane [Ethylene dibromide]	106-93-4*
1,4-Dichlorobenzene(p-)	106-46-7*
3,3'-Dichlorobenzidine	91-94-1*
3,3'-Dichlorobenzidine dihydrochloride	612-83-9

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Dichloroethyl ether [Bis(2-chloroethyl)ether]	111-44-4*
2,4-Dichlorophenoxyacetic acid [2,4-D,salts and esters]	94-75-7*
1,2-Dichloropropane [Propylene dichloride]	78-87-5*
1,3-Dichloropropylene [1,3-Dichloropropene]	542-75-6*
Dichlorovos	62-73-7*
Dieldrin	60-57-1**
Diepoxybutane	1464-53-5
Diethanolamine	111-42-2*
N,N-Diethyl aniline [N,N-Dimethylaniline]	121-69-7*
1,2-Diethylhydrazine	1615-80-1
Di(2-ethylhexyl) Phthalate [Bis(2-ethylhexyl) phthalate (DEHP)] <u>DEHP</u>	117-81-7 †† <u>++</u>
Diethyl sulfate	64-67-5*
Diglycidyl resorcinol ether	101-90-6
3,3'-Dimethoxybenzidine [Dianisidine]	119-90-4*
Dimethyl acetamide	127-19-5
Dimethyl phthalate	131-11-3*
4-Dimethylaminoazobenzene [Dimethyl aminoazo-benzene <u>aminoazo-</u> <u>benzene</u>]	60-11-7*
3,3'- Dimethylbenzidine <u>Dimethylbenzidine</u> [o-Tolidine]	119-93-7*
Dimethylcarbamoyl chloride	79-44-7*
N,N-Dimethyl formamide	68-12-2*
1,1-Dimethylhydrazine	57-14-7*
1,2-Dimethylhydrazine	540-73-8
Dimethyl sulfate	77-78-1*
Dinitroresol [4,6-Dinitro-o-cresol, and salts]	534-52-1*
2,4-Dinitrophenol	51-28-5*
2,4-Dinitrotoluene	121-14-2*
1,4-Dioxane [1,4-Diethyleneoxide]	123-91-1*
1,2-Diphenylhydrazine	122-66-7*
Disulfoton	298-04-4
Endothall	145-73-3
Endrin	72-20-8**
Epichlorohydrin	106-89-8*
1,2-Epoxybutane	106-88-7*
2-Ethoxyethanol	110-80-5
Ethyl acrylate	140-88-5 †† <u>++</u>
Ethyl benzene	100-41-4 †† <u>++</u>
Ethyl chloride [Chloroethane]	75-00-3*
Ethylene dichloride [1,2-Dichloroethane]	107-06-2 †† <u>++</u>
Ethylene glycol	107-21-1*
Ethyleneimine [Aziridine]	151-56-4 <u>151-65</u>

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	<u>-4*</u>
Ethylene oxide	75-21-8*
Ethylene thiourea	96-45-7*
Ethylidene dichloride [1,1- Dichloroethane <u>Dichloroethene</u>]	75-34-3*
Etridiazole	2593-15-9
FMC-67825	95465-99-9
Fluorine	7782-41-4
Folpet	133-07-3
Formaldehyde	50-00-0*
Furmecyclox	60568-05-0
Heptachlor	76-44-8 †† <u>++</u>
Heptachlor epoxide	1024-57-3**
Hexachlorobenzene	118-74-1 †† <u>++</u>
Hexachloro-1,3-butadiene [Hexachlorobutadiene]	87-68-3 †† <u>++</u>
Hexachlorocyclopentadiene	77-47-4*
Hexachlorodibenzo-p-dioxin	19408-74-3
Hexachloroethane	67-72-1 †† <u>++</u>
Hexamethylene-1,6-diisocyanate	822-06-0*
Hexamethylphosphoramide	680-31-9*
Hexane	110-54-3*
Hydrazine	302-01-2*
Hydrazine sulfate	10034-93-2
Hydrochloric acid (aerosol)	7647-01-0*
Hydrogen cyanide	74-90-8
Hydrogen fluoride [Hydrofluoric acid]	7664-39-3*
Hydroquinone	123-31-9*
Indeno(1,2,3-cd) pyrene	193-39-5**
Isophorone	78-59-1*
Isophorone diisocyanate	4098-71-9
Lead	7439-92-1**
Lindane-[Hexachlorocyclohexane-alpha]	319-84-6**
Lindane-[Hexachlorocyclohexane-beta]	319-85-7**
Lindane-[Hexachlorocyclohexane-gamma] [Lindane all isomers]	58-89-9 †† <u>++</u>
Lindane-[Hexachlorocyclohexane-mixed isomers]	608-73-1
Linuron	330-55-2
Malathion	121-75-5
Maleic anhydride	108-31-6*
Manganese	7439-96-5**
Mercury	7439-97-6**
Methanol	67-56-1*
Methoxychlor	72-43-5 †† <u>++</u>

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2-Methoxyethanol	109-86-4
2-Methoxyethanol acetate	110-49-6
Methyl bromide [Bromomethane]	74-83-9*
Methyl chloride [Chloromethane]	74-87-3 †† <u>++</u>
Methyl chloroform [1,1,1-Trichloroethane]	71-55-6 †† <u>++</u>
Methyl ethyl ketone [2-Butanone]	78-93-3*
Methyl isobutyl ketone [Hexone]	108-10-1*
Methyl isocyanate	624-83-9*
Methyl methacrylate	80-62-6*
Methyl tert-butyl ether	1634-04-4*
5-Methylchrysene	3697-24-3
4,4'-Methylenebis(2-chloroaniline)	101-14-4*
Methylenebis(phenylisocyanate) [Methylenediphenyl <u>Methylene diphenyl</u> diisocyanate (MDI)]	101-68-8*
4,4'-Methylenebis(N,N'- dimethylbenzenamine <u>dimethyl benzenamine</u>)	101-61-1
Methylene chloride [Dichloromethane]	75-09-2 †† <u>++</u>
4,4'-Methylenedianiline	101-77-9*
4,4'-Methylenedianiline dihydrochloride	13552-44-8
Methyl hydrazine	60-34-4*
Methyl iodide [Iodomethane]	74-88-4*
Methyl mercaptan	74-93-1
N-Methyl-N'-nitro-N-nitrosoguanidine	70-25-7
Metolachlor	51218-45-2
Michler's Ketone	90-94-8
Mirex	2385-85-5**
Monoethanolamine	141-43-5
Naphthalene	91-20-3 †† <u>++</u>
beta-Naphthylamide	91-59-8
Nickel	7440-02-0**
Nitric acid	7697-37-2
Nitrilotriacetic acid	139-13-9
Nitrobenzene	98-95-3*
4-Nitrobiphenyl	92-93-3*
5-Nitro-o-anisidine	99-59-2
2-Nitropropane	79-46-9*
4-Nitrophenol	100-02-7*
N-Nitroso-n-butyl-N-(3-carboxypropyl) amine	38252-74-3
N-Nitroso-n-butyl-N-(4-hydroxybutyl) amine	3817-11-6
N-Nitrosodi-n-butylamine	924-16-3
N-Nitrosodiethanolamine	1116-54-7
N-Nitrosodiethylamine	55-18-5

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N-Nitrosodimethylamine	62-75-9*
N-Nitrosodiphenylamine	86-30-6
N-Nitrosodi-n-propylamine	621-64-7
N-Nitroso-N-ethylurea	759-73-9
3-(N-Nitrosomethylamino) propionitrile	60153-49-3
N-Nitrosomethylethylamine	10595-95-6
N-Nitroso-N-methylurea	684-93-5*
N-Nitrosomethylvinylamine	4549-40-0
N-Nitrosomorpholine	59-89-2*
N-Nitrosornicotine	16543-55-8
N-Nitrosopiperidine	100-75-4
N-Nitrosopyrrolidine	930-55-2
N-Nitrososarcosine	13256-22-9
Nitrofen	11836-75-5
Octachlorostyrene	2908-74-4**
PCDDs (Total polychlorinated dibenzodioxins)	--**
PCDFs (Total polychlorinated dibenzofurans)	--**
PAHs (Total polycyclic aromatic hydrocarbons)	--**
Parathion	56-38-2 †† <u>++</u>
Pentachlorobenzene	608-93-5**
Pentachloronitrobenzene [Quintobenzene]	82-68-8 †† <u>++</u>
Pentachlorophenol	87-86-5 †† <u>++</u>
Peracetic acid	79-21-0
Phenol	108-95-2 †† <u>++</u>
p-Phenylenediamine	106-50-3*
Phenylhydrazine	100-63-0
Phorate	298-02-2
Phosgene	75-44-5*
Phosphine	7803-51-2*
Phosphorus	7723-14-0*
Phosphorus oxychloride	10025-87-3
Phosphorus pentachloride	10026-13-8
Photomirex	39801-14-4**
Phthalic anhydride	85-44-9*
Polybrominated biphenyls	--
Polychlorinated biphenyls [Aroclors]	1336-36-3 †† <u>++</u>
Potassium bromate	7758-01-2
Propane sultone [1,3-Propane sultone]	1120-71-4*
beta-Propiolactone	57-57-8*
Propionaldehyde	123-38-6*
Propoxur [Baygon]	114-26-1*

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Propyleneimine [1,2-Propylenimine,(2- Methylaziridine) Methy aziridine]	75-55-8*
Propylene oxide	75-56-9*
Pyrene	129-00-0
Quinoline	91-22-5*
Quinone	106-51-4*
Selenium	7782-49-2
Sodium borate	1303-96-4
Styrene	100-42-5*
Styrene oxide	96-09-3*
Sulfalate	95-06-7
Sulfuric acid (aerosol)	7664-93-9
Terbufos	13071-79-9
1,2,3,4-Tetrachlorobenzene	634-66-2**
1,2,4,5-Tetrachlorobenzene	95-94-3**
1,1,2,2-Tetrachloroethane	79-34-5*
Tetrachloroethylene [Perchloroethylene]	127-18-4 †† <u>++</u>
2,3,7,8-Tetrachlorodibenzo-p-dioxin [2,3,7,8-TCDD]	1746-01-6 †† <u>++</u>
4,4'-Thiodianiline	139-65-1
Thiophenol	108-98-5
Thiourea	62-56-6
Thorium dioxide	1314-20-1
Titanium tetrachloride	7550-45-0*
Toluene	108-88-3 †† <u>++</u>
Toluene-2,4-diisocyanate [2,4-Toluene diisocyanate]	584-84-9*
Toluene-2,6-diisocyanate	91-08-7
o-Toluidine	95-53-4*
o-Toluidine hydrochloride	636-21-5
p-Toluidine	106-49-0
Toxaphene	8001-35-2 †† <u>++</u>
1,2,4-Trichlorobenzene	120-82-1*
1,1,2-Trichloroethane	79-00-5*
Trichloroethylene	79-01-6 †† <u>++</u>
2,4,5-Trichlorophenol	95-95-4 †† <u>++</u>
2,4,6-Trichlorophenol	88-06-2 †† <u>++</u>
Triethylamine	121-44-8*
Trifluralin	1582-09-8 †† <u>++</u>
Trimethyl benzene Trimethylbenzene	25551-13-7
1,2,4-Trimethyl benzene	95-63-6
2,4,6-Trinitrotoluene	118-96-7
2,2,4-Trimethylpentane	540-84-1*
Tris(2,3-dibromopropyl) phosphate	126-72-7

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	Trypan blue	72-57-1
	Urethane [Ethyl carbamate]	51-79-6*
	Vinyl acetate	108-05-4*
	Vinyl bromide	593-60-2*
	Vinyl chloride	75-01-4*
	Vinylidene chloride [1,1-Dichloroethylene]	75-35-4*
	Xylenes (isomers and mixture)	1330-20-7*
	o-Xylenes	95-47-6*
	m-Xylenes	108-38-3*
	p-Xylenes	106-42-3*
673	Antimony compounds*	—
	Includes any unique chemical substance that contains antimony substance that contains antimony as part of that chemical's infrastructure	
674	Arsenic compounds*	—
	Includes any unique chemical substance that contains arsenic as part of that chemical's infrastructure	
675	Beryllium compounds*	—
	Includes any unique chemical substance that contains beryllium as part of that chemical's infrastructure	
676	Cadmium compounds*	—
	Includes any unique chemical substance that contains cadmium as part of that chemical's infrastructure	
677	Chromium compounds*	—
	Includes any unique chemical substance that contains chromium as part of that chemical's infrastructure	
678	Cobalt compounds*	—
	Includes any unique chemical substance that contains cobalt as part of that chemical's infrastructure	

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679	<p>Cyanide compounds* --</p> <p style="background-color: #008080; color: black; padding: 2px;">x(pos) CN(neg) where X = H(pos) or any other group where a formal dissociation can be made. For example, KCN or Ca(CN)₂</p>
680	<p>Glycol ethers* --</p> <p style="background-color: #008080; color: black; padding: 2px;">Includes any unique chemical substance that contains glycol as part of that chemical's infrastructure. Includes mono- and di- ethers of ethylene glycol, diethylene glycol, and triethylene glycol R(OCH₂CH₂)_n-OR' where n = 1, 2, or 3 R = alkyl or aryl groups R' = R, H, or groups which, when removed, yield glycol ethers with the structure: R(OCH₂CH₂)_n-OH. Polymers are excluded from the glycol category.</p> <p style="background-color: #d9e1f2; padding: 2px;"><u>n=1, 2, or 3</u> <u>R = alkyl or aryl groups</u> <u>R' = R, H, or groups which, when removed, yield glycol ethers with the structure: R(OCH₂CH₂)_n-OH.</u> <u>Polymers are excluded from the glycol category.</u></p>
681	<p>Fine mineral fibers* --</p> <p style="background-color: #008080; color: black; padding: 2px;">Includes mineral fiber emissions from facilities manufacturing or processing glass, rock, or slag fibers (or other mineral derived fibers) having the average diameter of 1 micrometer or less.</p>
682	<p>Lead compounds* --</p> <p style="background-color: #008080; color: black; padding: 2px;">Includes any unique chemical substance that contains lead as part of that chemical's infrastructure</p>
683	<p>Manganese compounds* ++ ++</p> <p style="background-color: #008080; color: black; padding: 2px;">Includes any unique chemical substance that contains manganese as part of that chemical's infrastructure</p>
684	<p>Mercury compounds* --</p>

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Includes any unique chemical substance that contains mercury as part of that chemical's infrastructure

685

Nickel compounds*

~~††~~ ++

Includes any unique chemical substance that contains nickel as part of that chemical's infrastructure

686

Polycyclic Organic Matter (POM)*

~~††~~ ++

Includes organic compounds having more than one benzene ring and a boiling point equal to or greater than 100 degrees Celsius (212 degrees Farenheit).

687

Radionuclides (including radon)*

~~-~~

A type of atom which spontaneously undergoes radioactive decay.

688

Selenium Compounds*

~~-~~

Includes any unique chemical substance that contains selenium as part of that chemical's infrastructure.

* Indicates presence on HAP List.

**Indicates presence on Great Waters or Great Lakes List.

++=Indicates presence on HAP and Great Waters or Great Lakes Lists.

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~~* Indicates presence on HAP List.~~

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~~** Indicates presence on Great Waters or Great Lakes List.~~

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~~†† Indicates presence on HAP and Great Waters or Great Lakes Lists.~~

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(Source: Amended at 21 Ill. Reg. 6237, effective May 12, 1997)

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695 **Section 232.**~~Appendix~~**APPENDIX B Additional Procedures for Calculating the Chronic**
696 **Toxicity Score**

- 697
- 698 a) Procedures to be used in selecting chronic toxicity studies.
- 699
- 700 1) Chronic toxicity studies in which all of the items in subsection (a)(1)(A)
- 701 of this appendix are identified or measured with adequate specificity to
- 702 use the equations in subsection (b) of this appendix are to be given first
- 703 preference.
- 704
- 705 A) Study items to be identified or measured:
- 706
- 707 i) Test species;
- 708
- 709 ii) Contaminant dose;
- 710
- 711 iii) Duration of exposure must be at least 21 days, except for
- 712 developmental studies in animals, in which case the
- 713 duration of exposure must be during critical gestation days;
- 714
- 715 iv) Route of exposure; and
- 716
- 717 v) Effect of exposure.
- 718
- 719 B) In the event that two or more studies are available in which the
- 720 items in subsection (a)(1)(A) are deemed to have been identified or
- 721 measured, but which give inconsistent results, the study must be
- 722 selected by the following procedures:
- 723
- 724 i) In the event that two or more studies are laboratory animal
- 725 toxicity studies, the study that is conducted in accordance
- 726 with or consistent with Good Laboratory Practice Standards
- 727 must be used. Good Laboratory Practice Standards are
- 728 incorporated by reference in Section 232.110.
- 729
- 730 ii) In the event that the application of the procedure in
- 731 subsection (i) fails to result in the selection of one study,
- 732 then the study that results in the highest Chronic Toxicity
- 733 Score must be used.
- 734
- 735 2) Studies that identify or measure all of the items in subsection (a)(1)(A) of

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736 this appendix, except for the contaminant dose, must be given second
737 preference.
738

739 A) For a second preference study, the Lowest Toxic Dose Score for a
740 given species and a given route of exposure must be determined
741 according to the following table:
742
743

Species	Route of Exposure	Lowest Toxic Dose Score
Human	Inhalation	1
Human	Non-inhalation	$\frac{2}{3}$
Non-human	Inhalation	$\frac{2}{3}$
Non-human	Non-inhalation	$\frac{1}{3}$

744
745 B) In the event that two or more second preference studies are
746 available, the study that results in the highest Chronic Toxicity
747 Score must be used.
748

749 3) A contaminant for which there is insufficient data in the study to identify
750 the elements of either a first or second preference study must be
751 determined to have no data and be assigned a Chronic Toxicity Score of 0.
752

753 b) The following general equation must be used to obtain the dose in units of
754 milligram per kilogram per day for the oral, gavage and inhalation routes of
755 exposure: $Dose = (I)(C)(TCF)/UF$
756

757 1) For the routes of exposure listed below, use the following: ~~TCF= Time~~
758 ~~Correction Factor of 1, unless the exposure was intermittent, in which case~~
759 ~~the fraction of time during which exposure occurred is used (e.g., 5~~
760 ~~days/week = 5/7 = 0.71).—~~
761 ~~UF= Uncertainty Factor of 10, used only when data are for exposure~~
762 ~~periods less than 90 days. In the case of fetotoxicity and teratogenicity~~
763 ~~studies, an Uncertainty Factor of 1 must be used;~~
764

TCF = Time Correction Factor of 1, unless the exposure was intermittent, in which case the fraction of time during which exposure occurred is used (e.g., 5 days/week = $\frac{5}{7}$ = 0.71).

UF = Uncertainty Factor of 10, used only when data are for exposure periods less than 90 days. In the case of fetotoxicity and

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teratogenicity studies, an Uncertainty Factor of 1 must be used.

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2) Where the exposure is oral use the following:

A) Oral Exposure via Food: ~~I= Food Intake in kilogram of food ingested per kilogram of body weight per day (kg/kg-d) (refer to Chart 1 for standard values); C= Contaminant Concentration in food in units of milligram per kilogram (mg/kg); or~~

B) ~~Oral Exposure via Water: I= Water Intake in liter of water ingested per kilogram of body weight per day (L/kg-d) (refer to Chart 1 for standard values); C= Contaminant Concentration in water in units of milligram per liter (mg/L);~~

I = Food Intake in kilogram of food ingested per kilogram of body weight per day (kg/kg-d) (refer to Chart 1 for standard values);

C = Contaminant Concentration in food in units of milligram per kilogram (mg/kg); or

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B) Oral Exposure via Water:

I = Water Intake in liter of water ingested per kilogram of body weight per day (L/kg-d) (refer to Chart 1 for standard values);

C = Contaminant Concentration in water in units of milligram per liter (mg/L);

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3) Where the exposure is via gavage use the following:

The product (I X C) in the above equation must be replaced by Gavage Dose (GD) in units of milligram of contaminant ingested per kilogram of body weight per day (mg/kg-d); or

4) Where the exposure is via inhalation use the following:

~~I= Air intake in cubic meter of air inhaled per kilogram of body weight per day (cu.m³/kg-d) measured as the product of Ventilation Rate (VR) (refer to Chart 1 for standard values) and Inhalation retention factor (RF) (assumed to be 0.5 for this procedure);~~

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I = Air intake in cubic meter of air inhaled per kilogram of body weight per day (cu.m³/kg-d) measured as the product of Ventilation Rate (VR) (refer to Chart 1 for standard values) and Inhalation retention factor (RF) (assumed to be 0.5 for this procedure);

C = Contaminant Concentration in air in units of milligram per cubic meter (mg/cu.m).

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~~C = Contaminant Concentration in air in units of milligram per cubic meter (mg/cu.m).~~

**Chart 1
Summary of Physiological Parameters**

<u>Chart 1</u> <u>Summary of Physiological Parameters</u>			
<u>Species</u>	Water Intake <u>Water Intake</u> L/kg/day	Food Intake <u>Food Intake</u> kg/kg/day	Ventilation <u>Ventilation</u> cu.m/kg/day
Cat	0.100	0.050	0.46
Dog	0.025	0.025	0.31
Guinea Pig	0.075	0.040	0.58
Human	0.029	0.025	0.26
Monkey	0.14	0.07	0.32
Mouse	0.25	0.15	1.44
Rabbit	0.065	0.030	0.46
Rat	0.10	0.050	0.66

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800 Section 232. ~~Appendix~~ APPENDIX C Carcinogens (Categories A, B1, and B2) listed on the
 801 Integrated Risk Information System (IRIS) as of December 31, 1989 (United States
 802 Environmental Protection Agency, Office of Health and Environmental Assessment)
 803

Chemical Name	CAS Number	Category
Acetaldehyde	000075-07-0	B2
Acrylamide	000079-06-1	B2
Acrylonitrile	000107-13-1	B1
Aldrin	000309-00-2	B2
Aniline	000062-53-3	B2
Arsenic	007440-38-2	A
Azobenzene	000103-33-3	B2
Benzene	000071-43-2	A
Benzidine	000092-87-5	A
Benzo(a)pyrene	000050-32-8	B2
Benzyl chloride	000100-44-7	B2
Beryllium	007440-41-7	B2
Bis(2-ethylhexyl) phthalate	000117-81-7	B2
Bis(chloroethyl) ether	000111-44-4	B2
Bis(chloromethyl) ether	000542-88-1	A
1,3-Butadiene	000106-99-0	B2
Cadmium	007440-43-9	B1
Carbon Tetrachloride	000056-23-5	B2
Chlordane	000057-74-9	B2
Chloroform	000067-66-3	B2
Chloromethyl Methyl Ether	000107-30-2	A
Chromium(VI)	18540-29-9	A
Coke Oven Emissions	008007-45-2	A
Creosote	008001-58-9	B1
DDD	000072-54-8	B2
DDE	000072-55-9	B2
DDT	000050-29-3	B2
1,2-Dichloroethane	000107-06-2	B2
1,3-Dichloropropene	000542-75-6	B2
Dichlorovos	000062-73-7	B2
Dieldrin	000060-57-1	B2
Dimethyl Sulfate	000077-78-1	B2
1,4-Dioxane	000123-91-1	B2
1,2-Diphenylhydrazine	000122-66-7	B2
Epichlorohydrin	000106-89-8	B2

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Ethylene Dibromide	000106-93-4	B2
Folpet	000133-07-3	B2
Formaldehyde	000050-00-0	B1
Furmecyclox	060568-05-0	B2
Heptachlor	000076-44-8	B2
Heptachlor Epoxide	001024-57-3	B2
Hexachlorocyclohexane, technical	000608-73-1	B2
alpha-Hexachlorocyclohexane	000319-84-6	B2
Hexachlorodibenzo-p-dioxin	019408-74-3	B2
Hydrazine, Hydrazine Sulfate (MIXTURE <u>mixture</u>)		B2
Lead and Compounds (Inorganic)		B2
4,4'-Methylenebis(N,N'- dimethyl) benzenamine	000101-61-1	B2
N-Nitroso-N-methylethylamine	010595-95-6	B2
N-Nitroso-di-n-butylamine	000924-16-3	B2
N-Nitrosodi-N-propylamine	000621-64-7	B2
N-Nitrosodiethanolamine	001116-54-7	B2
N-Nitrosodiethylamine	000055-18-5	B2
N-Nitrosodimethylamine	000062-75-9	B2
N-Nitrosodiphenylamine	000086-30-6	B2
N-Nitrosopyrrolidine	000930-55-2	B2
Nickel Carbonyl	013463-39-3	B2
Nickel Refinery Dust	007440-02-0	A
Nickel Subsulfide	012035-72-2	A
Polychlorinated Biphenyls	001336-36-3	B2
Toxaphene	008001-35-2	B2

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Summary report:	
Litera Compare for Word 11.8.0.56 Document comparison done on 3/24/2026 10:03:46 AM	
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Modified filename: 35-232-(JCAR Predraft)-03-24-26.docx	
Changes:	
<u>Add</u>	104
Delete	140
Move From	0
<u>Move To</u>	0
<u>Table Insert</u>	34
Table Delete	0
<u>Table moves to</u>	0
Table moves from	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	0
Embedded Excel	0
Format changes	0
Total Changes:	278

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1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER k: EMISSION STANDARDS AND LIMITATIONS FOR MOBILE
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30 Section
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32 241.131 Credit Provisions
33

34 SUBPART D: RECORDKEEPING AND REPORTING
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36 Section
37 241.140 Reporting Requirements
38 241.141 Recordkeeping Requirements
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40

41 ~~Section~~ 241.APPENDIX A Emission Standards for Clean Fuel Vehicles

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42	<u>241.TABLE A</u>	<u>Low Emission Vehicle (LEV) Standards for Light-Duty Clean Fuel Vehicles (g/mi)</u>
43		
44	<u>241.TABLE B</u>	<u>Ultra-Low Emission Vehicle (ULEV) Standards for Light-Duty Clean Fuel Vehicles (g/mi)</u>
45		
46	<u>241.TABLE C</u>	<u>NMOG Standards for Flexible-Fueled and Dual-Fueled Vehicles</u>
47	<u>241.TABLE D</u>	<u>Emission Standards for Model Year 1998 and Later Heavy-Duty Vehicles (g/bhp-hr)</u>
48		
49	Section 241.APPENDIX B	Credit Values
50	<u>TABLE A</u>	<u>Credit Generation: Acquiring a Light-Duty Clean Fuel Vehicle before MY 1999 or Acquiring More Light-Duty Clean Fuel Vehicles than Required</u>
51		
52		
53	<u>TABLE B</u>	<u>Credit Generation: Acquiring Light-Duty ULEV or ZEV Clean Fuel Vehicles</u>
54		
55	<u>TABLE C</u>	<u>Credits Needed in Lieu of Acquiring a Light-Duty LEV</u>
56	<u>TABLE D</u>	<u>Credit Generation: Acquiring a Heavy-Duty Clean Fuel Vehicle before MY 1999 or Acquiring More Heavy-Duty Clean Fuel Vehicles than Required</u>
57		
58		
59	<u>TABLE E</u>	<u>Credit Generation: Acquiring Heavy-Duty ULEV or ZEV Clean Fuel Vehicles</u>
60		
61	<u>TABLE F</u>	<u>Credits Needed in Lieu of Acquiring a Heavy-Duty LEV</u>
62		

63 AUTHORITY: Implementing Sections 9, 9.1, and 10 and authorized by Sections 27 and 28.5 of
64 the Environmental Protection Act [415 ILCS 5/9, 9.1, 10, 27, and 28.5].

65
66 SOURCE: Adopted at R95-12 at 19 Ill. Reg. 13265, effective September 11, 1995; amended
67 in R98-8, at 21 Ill. Reg. 15767, effective November 25, 1997; amended in R18-21 at 50 Ill.
68 Reg. _____, effective _____.

70 SUBPART A: GENERAL PROVISIONS

71
72 **Section 241.101 Other Definitions**

73
74 Unless otherwise defined in this Part and unless a different meaning of a term is clear from its
75 context, the terms used in this Part have the definitions in 35 Ill. Adm. Code 201.102 and 35 Ill.
76 Adm. Code 211. The definitions in Section 241.102 apply only to this Part.

77
78 (Source: Amended at 50 Ill. Reg. _____, effective _____)

79
80 **Section 241.102 Definitions**

81
82 "Adjusted loaded vehicle weight (ALVW)" means the numerical average of the

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vehicle curb weight and the GVWR, as designated by the manufacturer.

"Capable of being centrally fueled" means a motor vehicle that could be refueled 100% of the time at a location that is owned, operated, or controlled by the covered fleet owner or operator, or is under contract with the covered fleet owner or operator. Motor vehicles that are under normal operations garaged at a personal residence are not considered to be capable of being centrally fueled and are exempt from the program unless they are, in fact, centrally fueled. The fact that one or more motor vehicles in a fleet are not capable of being centrally fueled does not exempt an entire fleet from the program. To determine whether a motor vehicle is capable of being centrally fueled 100% of the time, the owner or operator must perform the following calculation for each motor vehicle in the fleet for which an exemption under Section 241.111(a)(10) is being claimed, and annually afterwards, if additional new covered fleet vehicles are acquired and an exemption is claimed under Section 241.111(a)(10):

For each motor vehicle, sum the miles it is driven for a three-month period beginning May 1, or the first day of the first full month in which the fleet may be covered.

Divide total miles for the given time period for each motor vehicle by its number of round trips. A round trip occurs each time a motor vehicle leaves its location or a contracted refueling station and returns to its location or a contracted refueling station.

If the average number of miles per round trip for the motor vehicle is less than 300 miles, then the motor vehicle is capable of being centrally fueled.

"Centrally fueled" means a motor vehicle that is fueled 100% of the time at a location that is owned, operated, or controlled by the covered fleet owner or operator, or is under contract with the covered fleet owner or operator. Any motor vehicle that is under normal operations garaged at a personal residence at night but that is, in fact, centrally fueled 100% of the time must be considered to be centrally fueled for this definition. The fact that one or more motor vehicles in a fleet are not centrally fueled does not exempt an entire fleet from the program.

"Clean alternative fuel" means any fuel (including methanol, ethanol, or other alcohols comprising 85% or more by volume with gasoline or other fuels, reformulated gasoline, diesel, natural gas, liquefied petroleum gas, and hydrogen) or power source (including electricity) used in a clean fuel vehicle that complies with the standards and requirements applicable to the motor vehicle under this

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124 Part when using that fuel or power source. In the case of any flexible fueled
125 vehicle or dual fueled vehicle, the term "clean alternative fuel" means only a fuel
126 for which the motor vehicle was certified as a clean fuel vehicle meeting the
127 emission standards applicable to the motor vehicle weight class in Appendix A
128 and in 40 CFR Part 88, Subpart A, incorporated by reference at Section 241.104,
129 when operating on clean alternative fuel.

130
131 "Clean fuel vehicle" means a motor vehicle in a class or category of motor
132 vehicles (e.g., LDVs, LDTs, or HDVs) which has been certified by USEPA to
133 meet the clean fuel vehicle standards applicable under Subpart B.
134

135 "Control" means the following:
136

137 When used to join all entities under common management, it means any
138 one or a combination of the following:
139

140 Any person that has equity ownership of 51% or more in each of
141 two or more firms;
142

143 Two or more firms have common officers, in whole or in
144 substantial part, who are responsible for the day-to-day operation
145 of the companies; or
146

147 One firm leases, operates, supervises, or in 51% or greater part
148 owns equipment, facilities, or both used by another person or firm,
149 or has equity ownership of 51% or more of another firm.
150

151 When used to refer to managing motor vehicles, it means a person has the
152 authority to decide who can operate a particular motor vehicle and the
153 purposes for which the motor vehicle can be operated.
154

155 When used to refer to managing people, it means a person has the
156 authority to direct the activities of another person or employee in a precise
157 situation, such as at the workplace.
158

159 "Covered area" means the Chicago area counties of Cook, DuPage, Kane, Lake,
160 McHenry, and Will, the Townships of Aux Sable and Goose Lake in Grundy
161 County, and the Township of Oswego in Kendall County.
162

163 "Covered fleet" means 10 or more covered fleet vehicles which are owned or
164 operated by a person. To determine the number of covered fleet vehicles owned

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165 or operated by a person for this Part, all motor vehicles owned or operated, leased,
166 or otherwise controlled by that person, and by any person who controls that
167 person, and by any person under common control with that person, must be
168 treated as owned by that person. Covered fleets include distributed and partially
169 covered fleets.
170

171 "Covered fleet owner or operator" means a person who operates, owns, or
172 controls a fleet of at least 10 covered fleet vehicles that are located or primarily
173 operated in the covered area (even if the covered fleet vehicles are garaged
174 outside of the covered area).
175

176 "Covered fleet vehicle" means a motor vehicle which is:
177

178 In a vehicle class for which standards apply under this Part; and
179

180 In a covered fleet which is centrally fueled or capable of being centrally
181 fueled. Covered fleet vehicle do not include motor vehicles exempt under
182 Section 241.111.
183

184 "Curb weight" means the empty weight of the motor vehicle, without load or
185 passengers, as designated by the manufacturer.
186

187 "Date of vehicle acquisition" means the date on which legal or equitable title was
188 transferred to the current owner or operator of the motor vehicle.
189

190 "Dealer" means any person whose primary business is selling or distributing
191 motor vehicles to a purchaser or an ultimate purchaser.
192

193 "Dealer demonstration vehicle" means any motor vehicle that is operated by a
194 dealer solely to promote motor vehicle sales, either on the sales lot or through
195 other marketing or sales promotions, or to permit potential purchasers to drive the
196 motor vehicle for pre-purchase or pre-lease evaluation.
197

198 "Distributed fleet" means a fleet which is owned by a person or covered fleet
199 owner or operator, but whose motor vehicles are operated in the covered area
200 from different locations. A distributed fleet is a covered fleet if it has 10 or more
201 covered fleet vehicles located in or primarily operated in the covered area.
202

203 "Dual fueled vehicle" means any motor vehicle engineered and designed, or
204 converted in compliance with Sections 241.113(e) and 241.114, such that it may
205 be operated on two different fuels, but not on a mixture of the fuels.

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"Emergency vehicle" means any motor vehicle that is legally authorized by a governmental authority to exceed the speed limit to transport people and equipment to and from situations in which speed is required to save lives or property, such as a rescue vehicle, fire truck, or ambulance.

"Fleet" means 10 or more motor vehicles that are under the control of a person.

"Flexible fueled vehicle" means any motor vehicle engineered and designed, or converted in compliance with Sections 241.113(e) and 241.114, such that it may be operated on any mixture of two or more different fuels.

"Gross Vehicle Weight Rating (GVWR)" means the total vehicle weight, including the maximum load, as designated by the original equipment manufacturer.

"Heavy-duty vehicle (HDV)" means a motor vehicle whose GVWR is more than 8,500 lbs but less than or equal to 26,000 lbs. Emission standards and credit values for HDVs are in the tables in Appendices A and B, respectively.

"Inherently Low Emission Vehicle (ILEV)" means any LDV or LDT certified to the applicable ILEV evaporative emission standard in 40 CFR 88, incorporated by reference at Section 241.104, or any HDV with an engine certified to the applicable ILEV standard. A dual fueled or flexible fueled vehicle is not an ILEV unless it is certified to the applicable standard(s) (i.e., LEV, ULEV or ZEV) for its weight class on all fuel types for which it is designed to operate.

"Law enforcement vehicle" means any motor vehicle which is primarily operated by a civilian or military police officer or sheriff; personnel of the Federal Bureau of Investigation, Drug Enforcement Administration, or other agencies of the federal government; or state highway patrols, municipal law enforcement agencies, or other similar law enforcement agencies, and which is used for law enforcement activities, including chase, apprehension, surveillance, or patrol of people engaged in or potentially engaged in unlawful activities.

"Light-duty truck (LDT)" means a motor vehicle whose GVWR is less than or equal to 8,500 lbs. Emission standards and credit values for LDTs are in the tables in Appendices A and B, respectively.

"Light-duty vehicle (LDV)" means a motor vehicle whose GVWR is less than or equal to 6,000 lbs. Emission standards and credit values are in the tables in

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247 Appendices A and B, respectively.
248
249 "Loaded vehicle weight (LVW)" means the curb weight of the vehicle, as
250 specified by the manufacturer, plus 300 lbs.
251
252 "Location" means any building, structure, facility, or installation which is owned
253 or operated by a person, is under the control of a person, or is located on one or
254 more contiguous properties and contains or could contain one or more fueling
255 pumps or systems for the use of the vehicles owned or controlled by that person.
256
257 "Low Emission Vehicle (LEV)" means any LDV, LDT, or HDV with an engine
258 certified to the applicable federal low emission vehicle standard in Appendix A
259 and in 40 CFR 88, incorporated by reference in Section 241.104.
260
261 "Manufacturer" means any person who manufactures or assembles new motor
262 vehicles, new motor vehicle engines, new nonroad vehicles, or new nonroad
263 engines; imports the vehicles or engines for resale; or acts for and is under the
264 control of any person in connection with distributing new motor vehicles, new
265 motor vehicle engines, new nonroad vehicles, or new nonroad engines. This
266 definition excludes any dealer for new motor vehicles, new motor vehicle
267 engines, new nonroad vehicles, or new nonroad engines received by the dealer in
268 commerce.
269
270 "Model year (MY)" means September 1 of any year through August 31 of the
271 following year (e.g., September 1, 1997, through August 31, 1998, is MY 1998).
272
273 "Motor vehicle" means any self-propelled vehicle designed to transport persons or
274 property on a street or highway.
275
276 "Motor vehicle held for lease or rental to the general public" means a motor
277 vehicle that is owned or controlled primarily for short-term rental or
278 extended-term leasing (with or without maintenance) without a driver, under a
279 contract.
280
281 "New covered fleet vehicle" means a motor vehicle that has not been previously
282 controlled by the current owner or operator, regardless of the model year.
283 However, the following motor vehicles are not considered new: motor vehicles
284 manufactured before the start of the fleet program for the motor vehicle's weight
285 class; motor vehicles transferred due to the purchase of a company not previously
286 controlled by the owner or operator or due to a consolidation of business
287 operations; motor vehicles transferred as part of an employee transfer; and motor

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288 vehicles transferred for seasonal requirements (i.e., less than 120 days). This
289 definition is distinct from the definition of "new motor vehicle" as it applies to
290 manufacturer certification, including the certification of motor vehicles to the
291 clean fuel standards.
292

293 "New motor vehicle" means a motor vehicle for which the equitable or legal title
294 has never been transferred to an ultimate purchaser.
295

296 "Owned or operated, leased, or otherwise controlled by such person" means either
297 of the following:
298

299 Such person holds the beneficial title to such motor vehicle; or
300

301 Such person uses the motor vehicle for transportation purposes under a
302 contract or similar arrangement, the term of the contract or similar
303 arrangement is for a 120 days or more, and the person has control over the
304 motor vehicle.
305

306 "Partially-covered fleet" means a fleet of 10 or more motor vehicles that is located
307 or primarily operated in the covered area and which contains both covered fleet
308 vehicles and exempted fleet vehicles.
309

310 "Person" means an individual, corporation, partnership, association, state,
311 municipality, political subdivision of a state, and any agency, department, or
312 instrumentality of the United States and any officer, agent, or employee thereof.
313

314 "Primarily operated in the covered area" means at least 75% of the miles driven
315 annually by a nonexempt motor vehicle are in the covered area. To determine
316 whether a motor vehicle is primarily operated in the covered area, the owner or
317 operator of a covered fleet must, for each motor vehicle that it is claiming is not
318 primarily operated in the covered area, perform the following calculation:
319

320 Sum the number of miles the motor vehicle is driven annually in the
321 covered area;
322

323 Sum the number of miles the motor vehicle is driven annually outside of
324 the covered area; and
325

326 If the annual number of miles driven in the covered area is at least 75% of
327 all miles driven annually by the motor vehicle, then the motor vehicle is
328 considered to be primarily operated in the covered area.

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329
330 "Ultimate purchaser" means, for a new motor vehicle, the first person who in
331 good faith purchases the new motor vehicle or new engine for purposes other than
332 resale.

333
334 "Ultra Low Emission Vehicle (ULEV)" means any LDV, LDT, HDV with an
335 engine certified to the applicable federal ultra low emission vehicle standard in
336 Appendix A and in 40 CFR 88, Subpart A, incorporated by reference in Section
337 241.104.

338
339 "Under normal conditions garaged at a personal residence" means a motor vehicle
340 that, when it is not in use, is normally parked at the personal residence of the
341 individual who usually operates it, rather than at a central location for refueling,
342 maintenance, business, or any combination of them.

343
344 "Vehicle used for motor vehicle manufacturer product evaluations and tests"
345 means a motor vehicle that is owned and operated by a motor vehicle
346 manufacturer or motor vehicle component manufacturer, or owned or held by a
347 university research department, independent testing laboratory, or other
348 evaluation facility, solely to evaluate the performance of the motor vehicle for
349 engineering, research and development, or quality control reasons.

350
351 "Zero Emission Vehicle (ZEV)" means any LDV, LDT, or HDV certified to the
352 applicable federal zero emission vehicle standard in Appendix A and in 40 CFR
353 88, Subpart A, incorporated by reference in Section 241.104.

354
355 (Source: Amended at 50 Ill. Reg. _____, effective _____)

356
357 **Section 241.103 Abbreviations**

358
359 This Part uses the following abbreviations:

<u>Agency</u>	<u>Illinois Environmental Protection Agency</u>
<u>ALVW</u>	<u>adjusted loaded vehicle weight</u>
<u>CAA</u>	<u>Clean Air Act as amended in 1990</u>
<u>CO</u>	<u>carbon monoxide</u>
<u>g/bhp-hr</u>	<u>grams per brakehorsepower-hour</u>
<u>g/mi</u>	<u>grams per mile</u>
<u>GVWR</u>	<u>gross vehicle weight rating</u>
<u>HCHO</u>	<u>formaldehyde</u>
<u>HDV</u>	<u>heavy-duty vehicle</u>

360

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<u>ILEV</u>	<u>inherently low emission vehicle</u>
<u>lbs</u>	<u>pounds</u>
<u>LDT</u>	<u>light-duty truck</u>
<u>LDV</u>	<u>light-duty vehicle</u>
<u>LEV</u>	<u>low emission vehicle</u>
<u>LVW</u>	<u>loaded vehicle weight</u>
<u>MY</u>	<u>model year</u>
<u>NMOG</u>	<u>non-methane organic gas</u>
<u>NMHC</u>	<u>non-methane hydrocarbon</u>
<u>NO_x</u>	<u>oxides of nitrogen</u>
<u>PM</u>	<u>particulate matter</u>
<u>THC</u>	<u>total hydrocarbon</u>
<u>ULEV</u>	<u>ultra low emission vehicle</u>
<u>VIN</u>	<u>vehicle identification number</u>
<u>ZEV</u>	<u>zero emission vehicle</u>

- 361 ~~Agency~~ Illinois Environmental Protection Agency
- 362
- 363 ~~ALVW~~ adjusted loaded vehicle weight
- 364
- 365 ~~CAA~~ Clean Air Act as amended in 1990
- 366
- 367 ~~CO~~ carbon monoxide
- 368
- 369 ~~g/bhp-hr~~ grams per brakehorsepower-hour
- 370
- 371 ~~g/mi~~ grams per mile
- 372
- 373 ~~GVWR~~ gross vehicle weight rating
- 374
- 375 ~~HCHO~~ formaldehyde
- 376
- 377 ~~HDV~~ heavy-duty vehicle
- 378
- 379 ~~ILEV~~ inherently low emission vehicle
- 380
- 381 ~~lbs~~ pounds
- 382
- 383 ~~LDT~~ light-duty truck
- 384
- 385 ~~LDV~~ light-duty vehicle
- 386

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387	LEV	low emission vehicle
388		
389	LVW	loaded vehicle weight
390		
391	MY	model year
392		
393	NMOG	non-methane organic gas
394		
395	NMHC	non-methane hydrocarbon
396		
397	NO_x	oxides of nitrogen
398		
399	PM	particulate matter
400		
401	THC	total hydrocarbon
402		
403	ULEV	ultra low emission vehicle
404		
405	VIN	vehicle identification number
406		
407	ZEV	zero emission vehicle
408		

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART B: GENERAL REQUIREMENTS

Section 241.110 Applicability

- a) This Part applies to owners or operators of covered fleets. Covered fleets include distributed and partially covered fleets.
- b) Despite subsection (a), an owner or operator of a covered fleet who owns, operates, or controls motor vehicles which are located or primarily operated in the covered area, but are regulated by the state of Indiana or Wisconsin as part of that state's Clean Fuel Fleet Program, as required by Section 246 of the CAA, are only required to comply with Section 241.115.
- c) A fleet owner or operator who owns or leases fewer than 10 covered fleet vehicles becomes a covered fleet owner or operator on the date that the owner or operator acquires legal or equitable title to a motor vehicle which causes the fleet owner's or operator's fleet to equal or exceed 10 covered fleet vehicles.

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428
429 (Source: Amended at 50 Ill. Reg. _____, effective _____)
430

431 **Section 241.111 Exemptions**
432

- 433 a) The following motor vehicles are exempt from Section 241.113 and are not
434 considered to be covered fleet vehicles or included in the 10 motor vehicle count
435 criterion of a covered fleet, whether or not the motor vehicles are part of a
436 covered fleet which is subject to the control requirements of this Subpart:
437
- 438 1) Motor vehicles held for lease or rental to the general public;
439
 - 440 2) Motor vehicles held for sale by dealers (including demonstration
441 vehicles);
442
 - 443 3) Motor vehicles used for manufacturer product evaluations or tests;
444
 - 445 4) Law enforcement vehicles and other emergency vehicles;
446
 - 447 5) Motor vehicles not registered to operate on public roadways;
448
 - 449 6) Motor vehicles exceeding 26,000 lbs GVWR;
450
 - 451 7) Motor vehicles determined by the Secretary of Defense of the United
452 States to be exempt from the program for national security reasons;
453
 - 454 8) Antique vehicles as defined in Section 1-102.1 of the Illinois Vehicle
455 Code [625 ILCS 5/1-102.1];
456
 - 457 9) Motor-driven cycles, motorcycles, and mopeds, as defined in Sections
458 1-145.001, 1-147, and 1-148.2 of the Illinois Vehicle Code [625 ILCS
459 5/1-145.001, 1-147, and 1-148.2];
460
 - 461 10) Motor vehicles that are not capable of being centrally fueled; and
462
 - 463 11) Motor vehicles that under normal conditions are garaged at a personal
464 residence, unless they are, in fact, centrally fueled.
465
- 466 b) Despite subsection (a), motor vehicles that are exempt from Section 241.113, but
467 are part of a covered fleet, are subject to the reporting and recordkeeping
468 requirements in Sections 241.140 and 241.141.

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- c) Owners or operators of a fleet claiming that a motor vehicle is exempt under subsection (a)(10) must demonstrate that the motor vehicle is not capable of being centrally fueled and must comply with the recordkeeping requirements of Section 241.141(b).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 241.112 Registration of Fleet Owners or Operators

- ~~3~~a) An owner or operator of a covered fleet must apply for a fleet registration number on or before September 1, 1997, or within 60 days after becoming a covered fleet owner or operator, by providing the following information to the Agency:

- ~~3~~1) The owner's or operator's, and if applicable, the company's, name and address;
- 2) Signature of the owner or operator;
- 3) The location of records and reports required by this Part, including the contact person's name, address, and telephone number;
- 4) The number of motor vehicles in the fleet; and
- 5) The VIN for each motor vehicle and, if applicable, whether the motor vehicle is exempt under Section 241.111 and which exemption applies.

- b) Fleet owners or operators must include their fleet registration number on all reports or other correspondence submitted to the Agency for the Clean Fuel Fleet Program.
- c) Fleet owners or operators participating in the credit program under Subpart C, must register with the Agency by providing the information required in subsection (a).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 241.113 Control Requirements

- a) Any covered fleet owner or operator who acquires one or more new covered fleet vehicles in a model year must meet the emission standards in subsection (e) for

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- 510 the following percentages of new covered fleet vehicle acquisitions:
511
512 1) The portion of the acquisition of light-duty new covered fleet vehicles that
513 must be light-duty clean fuel vehicles in any model year are as follows:
514
515 A) In MY 1999, at least 30 %;
516
517 B) In MY 2000, at least 50%; and
518
519 C) In MY 2001 and every following MY, at least 70%.
520
521 2) The portion of the acquisition of heavy-duty new covered fleet vehicles
522 that must be heavy-duty clean fuel vehicles must be 50% of the total
523 number of heavy-duty new covered fleet vehicles acquired in each model
524 year, commencing in MY 1999.
525
526 b) Any fraction of a new clean fuel vehicle acquisition requirement resulting from
527 the percentage calculation in subsection (a)(1) or (a)(2) may be carried over and
528 added to the new clean fuel vehicle acquisition requirement in the next model
529 year for that type of clean fuel vehicle (i.e. LDV/ LDT or HDV) in which an
530 acquisition of a clean fuel vehicle is required under subsection (a).
531
532 c) An owner's or operator's light-duty and heavy-duty clean fuel vehicle acquisition
533 requirements in a given model year must be the number of clean fuel vehicles
534 calculated in subsections (a)(1) and (a)(2) plus any fraction of the same category
535 and weight class (i.e., LDV/LDT or HDV) of motor vehicle acquisition
536 requirements carried over from a preceding year.
537
538 d) Despite subsections (b) and (c), in any model year an owner or operator must not:
539
540 1) Fall short of the acquisition requirements for new LDV/LDT or HDV
541 clean fuel vehicles by one or more motor vehicle units;
542
543 2) Meet the acquisition requirements for clean fuel LDVs or LDTs through
544 acquisition of clean fuel HDVs; or
545
546 3) Meet the acquisition requirements for clean fuel HDVs through the
547 acquisition of clean fuel LDVs or LDTs.
548
549 e) Motor vehicles acquired to meet the requirements of subsection (a) or Subpart C
550 must be certified by USEPA to meet the federal emission certification standards

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551 of either LEV, ULEV, ZEV, or ILEV for a clean alternative fuel(s) under
552 Appendix A and in 40 CFR 88, incorporated by reference in Section 241.104.
553

554 f) The owner or operator must meet the acquisition requirements of subsection (a)
555 by acquiring clean fuel vehicles or redeeming credits equal to or greater than the
556 number of vehicle units calculated in compliance with subsection (a) through one
557 or more of the following:
558

- 559 1) Purchase or lease clean fuel vehicles certified by USEPA to meet any of
560 the LEV, ULEV, ZEV, or ILEV standards in subsection (e);
561
- 562 2) Convert existing or new motor vehicles to meet a LEV, ULEV, ZEV, or
563 ILEV standard in subsection (e), consistent with Section 241.114; or
564
- 565 3) Redeem credits generated or acquired consistent with Subpart C.
566

567 (Source: Amended at 50 Ill. Reg. , effective)
568

569 **Section 241.114 Conversions**
570

- 571 a) If a motor vehicle which was not certified by the manufacturer as a clean fuel
572 vehicle, but is subsequently converted in compliance with 40 CFR 88, Subpart C,
573 incorporated by reference at Section 241.104, and the converted motor vehicle
574 meets the requirements of this Section and Section 241.113(e), it is a clean fuel
575 vehicle.
576
- 577 b) The owner or operator of the converted clean fuel vehicle must obtain sufficient
578 documentation to verify that the motor vehicle meets the converted vehicle
579 requirements in 40 CFR 88, Subpart C, incorporated by reference at Section
580 241.104.
581

582 (Source: Amended at 50 Ill. Reg. , effective)
583

584 **Section 241.115 Operating Requirements**
585

- 586 a) When a clean fuel vehicle acquired to meet the acquisition requirements of
587 Section 241.113 or to generate credits under Subpart C is driven in the covered
588 area, it must operate at all times on the clean alternative fuel(s) to which it is
589 certified by USEPA under Section 241.113(e).
590
- 591 b) Despite subsection (a), owners or operators of flexible-fueled and dual-fueled

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592 vehicles must operate the motor vehicle on the clean alternative fuel(s) to which it
593 is certified by USEPA under Section 241.113(e), and, where applicable, to which
594 the owner or operator earned credits under Subpart C, when the motor vehicle is
595 driven in the covered area.

596
597 c) Any clean fuel vehicle driven in the covered area but regulated by another state
598 must operate at all times on the clean alternative fuel(s) to which it was certified
599 by USEPA.

600
601 (Source: Amended at 50 Ill. Reg. _____, effective _____)
602

603 SUBPART C: CREDITS

604
605 **Section 241.130 Clean Fuel Fleet Credit Program**

606
607 a) Any owner or operator of 10 or more fleet vehicles located or primarily operated
608 in the covered area may participate in the clean fuel fleet credit program if the
609 owner or operator requests that the Agency establish a clean fuel fleet credit
610 account and complies with the registration, operating, emission standards, and
611 recordkeeping and reporting requirements of Sections 241.112, 241.113(e),
612 241.115, and 241.142, respectively, complies with this Subpart, and, if the vehicle
613 for which credit is being claimed is converted, complies with Section 241.114.

614
615 b) Any owner or operator of a fleet may earn credits by:
616
617 1) Acquiring more clean fuel vehicles or fractions of clean fuel vehicles than
618 required in any MY under Section 241.113;
619
620 2) Acquiring clean fuel vehicles that meet the ULEV or ZEV standard;
621
622 3) Acquiring clean fuel vehicles belonging to a category of motor vehicles
623 that are otherwise exempt under Section 241.111; and
624
625 4) Acquiring clean fuel vehicles before September 1, 1998, if the
626 requirements of Section 241.112 have been met.

627
628 c) Credits will be generated, redeemed, or traded after the owner or operator submits
629 the information in ~~Sections~~Section 241.140(a) and (b) to the Agency for each
630 clean fuel vehicle involved in the credit transaction, requests that a credit
631 transaction be posted, and states the number of credits added to and subtracted
632 from the credit accounts, and the Agency has received and reviewed the submittal.

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633 Credit transactions must be authorized by the owner or operator whose account is
634 being reduced. The Agency will review and add to and subtract from credit
635 accounts, according to the criteria of this Subpart and Appendix B.
636

637 d) Credits must be designated by the Agency at the time of issuance as either
638 LDV/LDT credits or HDV credits. LDV/LDT credits may not be exchanged for
639 HDV credits and HDV credits may not be exchanged for LDV/LDT credits.
640

641 e) Despite subsection (b), if a clean fuel vehicle has ever been used to demonstrate
642 compliance under Subpart B, or used to generate credits under this Subpart, that
643 clean fuel vehicle may never be used by any other person to generate credits under
644 this Subpart.
645

646 (Source: Amended at 50 Ill. Reg. _____, effective _____)
647

648 **Section 241.131 Credit Provisions**
649

650 a) The value of clean fuel vehicle credits must be assigned in compliance with the
651 values for the applicable class and weight category in Section 241. Appendix B:
652 Tables A, B, C, D, E, and F.
653

654 b) The number of clean fuel vehicle credits that are needed to satisfy a new covered
655 fleet vehicle acquisition obligation must be determined in compliance with the
656 values for all applicable classes and weight categories in Appendix B, Tables C
657 and F.
658

659 (Source: Amended at 50 Ill. Reg. _____, effective _____)
660

661 **SUBPART D: RECORDKEEPING AND REPORTING**
662

663 **Section 241.140 Reporting Requirements**
664

665 By November 1, 1999, and by November 1 every following year, the owner or operator of a
666 covered fleet must submit to the Agency the following information about its activities during the
667 prior model year:
668

669 a) For each motor vehicle newly acquired or being used to earn credits, which also
670 includes motor vehicles converted to clean fuel vehicles:
671

672 1) The make, model, and year of manufacture;
673

~~POLLUTION CONTROL BOARD
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- 674 2) The date of vehicle acquisition;
675
676 3) The vehicle identification number (VIN);
677
678 4) The GVWR, as specified by the manufacturer;
679
680 5) If the motor vehicle is being used to earn credits, the LVW for LDTs
681 whose GVWR is less than or equal to 6,000 lbs and the ALVW for LDTs
682 whose GVWR is greater than 6,000 lbs;
683
684 6) The license plate number and state registered in; and
685
686 7) A statement whether the motor vehicle is exempt under Section 241.111
687 and which exemption applies.
688
689 b) For each clean fuel vehicle newly acquired or being used to earn credits, which
690 also includes motor vehicles converted to clean fuel vehicles:
691
692 1) The low emission standard(s) to which the motor vehicle is certified by
693 USEPA, consistent with Section 241.113(e);
694
695 2) The clean alternative fuel(s) with which the motor vehicle is certified to
696 operate by the manufacturer to meet the federal low emission standard(s)
697 in Section 241.113(e);
698
699 3) The 8-character alpha numeric bar-coded vehicle emission configuration
700 number; and
701
702 4) For motor vehicles converted to clean fuel vehicles under Section
703 241.114:
704
705 A) The date the motor vehicle was converted;
706
707 B) The name and address of the person(s) or firm performing the
708 conversion; and
709
710 C) A statement that, to the best of the owner's or operator's
711 knowledge, the motor vehicle was converted in compliance with
712 the applicable requirements of 40 CFR 88, incorporated by
713 reference in Section 241.104.
714

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- 715 c) In addition to the information required in subsections (a) and (b), the owner or
- 716 operator must state:
- 717
- 718 1) The number, to the nearest tenth, of clean fuel vehicles the owner or
- 719 operator was required to acquire under Section 241.113;
- 720
- 721 2) How that obligation was met;
- 722
- 723 3) If any of the clean fuel vehicles in the fleet used for compliance or credits
- 724 in the last two model years are no longer part of the fleet, the VIN and the
- 725 date the clean fuel vehicle was transferred or taken out of service; and
- 726
- 727 4) If the fleet vehicles are centrally fueled at a location that is owned,
- 728 operated, or controlled by the covered fleet owner or operator, the amount
- 729 of bulk fuel purchased by type of fuel.
- 730
- 731 d) All reports to the Agency must include the owner's or operator's fleet registration
- 732 number, the name of the operation, and the signature of the owner or operator.
- 733

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 241.141 Recordkeeping Requirements

- 736
- 737
- 738 a) Owners or operators of covered fleets must retain a copy of the title or lease for
- 739 each motor vehicle in the fleet.
- 740
- 741 b) For each motor vehicle that the owner or operator is claiming is exempt under
- 742 Section 241.111(a)(10), the owner or operator must retain records showing the
- 743 roundtrip calculation exempting the motor vehicle under the definition of
- 744 "capable of being centrally fueled" in Section 241.102.
- 745
- 746 c) For each motor vehicle in a covered fleet located outside of the covered area that
- 747 the owner or operator is claiming is not primarily operated in the covered area, the
- 748 owner or operator must retain records demonstrating that the motor vehicle is not
- 749 primarily operated in the covered area under the definition of "primarily operated
- 750 in the covered area" in Section 241.102.
- 751
- 752 d) For each converted motor vehicle, the covered fleet owner or operator must retain
- 753 documentation that the motor vehicle meets the applicable certification
- 754 requirements for converted motor vehicles in 40 CFR 88, Subpart C, incorporated
- 755 by reference at Section 241.104.

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- e) For fleets that are centrally fueled at a location that is owned, operated, or controlled by the covered fleet owner or operator, the owner or operator must retain monthly records of the amount and type of bulk fuel purchased.
- f) Fleet owners and operators of non-covered fleets who elect to participate in the credit program under Subpart C must maintain the following records for each motor vehicle that they are using to generate credits:
 - 1) A copy of the title or lease; and
 - 2) For each converted motor vehicle, documentation that the motor vehicle meets the applicable certification requirements for converted motor vehicles in 40 CFR 88, Subpart C, incorporated by reference at Section 241.104.
- g) The records required in this Section must be retained by the owner or operator for at least three years and must be made available immediately to the Agency upon request. Despite this requirement, titles or leases to vehicles no longer under the control of the owner or operator need not be retained.

(Source: Amended at 50 Ill. Reg. , effective)

Section 241.142 Report on Credit Activities

- a) From time to time, the Agency may send a credit reconciliation report to credit account holders showing the balance of credits and any transaction since the last report. The fleet owner or operator will have 180 days to review and dispute the report. Failure by the fleet owner or operator to notify the Agency of a discrepancy entitles the Agency to presume that the credit reconciliation report is correct.
- b) Fleet owners or operators may request from the Agency in writing credit reconciliation reports for their credit accounts. The request must include the name and address of the owner or operator and the fleet registration number.

(Source: Amended at 50 Ill. Reg. , effective)

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Section 241.APPENDIX A: Emission Standards for Clean Fuel Vehicles

Section 241.TABLE A: Low Emission Vehicle (LEV) Standards for Light-Duty Clean Fuel Vehicles (g/mi)

LIGHT-DUTY

VEHICLE WEIGHT	POLLUTANT:				
	NMOG	CO	NO _x	HCHO	PM ¹
ALL LDV, LDT ≤6000 GVWR ≤3750 LVW					
50,000 MILES	0.075	3.4	0.2	0.015	—
100,000 MILES	0.090	4.2	0.3	0.018	0.80
LDT ≤6000 GVWR >3750 LVW ≤5750 LVW					
50,000 MILES	0.100	4.4	0.4	0.018	—
100,000 MILES	0.130	5.5	0.5	0.023	0.08
LDT >6000 GVWR ≤3750 ALVW					
50,000 MILES	0.125	3.4	0.4 ²	0.015	—
100,000 MILES	0.180	5.0	0.6	0.022	0.10
LDT >6000 GVWR >3750 ALVW ≤5750 ALVW					
50,000 MILES	0.160	4.4	0.7 ²	0.018	—
120,000 MILES	0.230	6.4	1.0	0.027	0.10
LDT >6000 GVWR >5750 ALVW ≤8500 ALVW ³					
50,000 MILES	0.195	5.0	1.1 ²	0.022	—
100,000 MILES	0.280	7.3	1.5	0.032	0.12

801
802
803

¹Applicable to diesel vehicles only

²Standards not applicable to diesel vehicles

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804 ³Option of certifying heavy-duty engines in vehicles up to 10,000 pounds GVWR using the
805 light-duty truck (LDT) standards

806 (Source: Amended at 50 Ill. Reg. _____, effective _____)

807 ~~Section 241.TABLE B: Ultra-Low Emission Vehicle (ULEV) Standards for Light-Duty~~
808 ~~Clean-Fuel Vehicles (g/mi)~~

809 LIGHT-DUTY

810

VEHICLE WEIGHT	POLLUTANT:				
	NMOG	CO	NO _x	HCHO	PM ⁺
ALL LDV, LDT					
<6000 GVWR					
<3750 LVW					
50,000 MILES	0.040	1.7	0.2	0.008	0.08
100,000 MILES	0.055	2.1	0.3	0.011	0.04
LDT <6000 GVWR					
>3750 LVW					
<5750 LVW					
50,000 MILES	0.050	2.2	0.4	0.009	0.08
100,000 MILES	0.070	2.8	0.5	0.013	0.04
LDT >6000 GVWR					
<3750 ALVW					
50,000 MILES	0.075	1.7	0.2	0.008	---
100,000 MILES	0.107	2.5	0.3 ²	0.012	0.04
LDT >6000 GVWR					
>3750 ALVW					
<5750 ALVW					
50,000 MILES	0.100	2.2	0.4	0.009	---
120,000 MILES	0.143	3.2	0.5 ²	0.013	0.05
LDT >6000 GVWR					
>5750 ALVW					
<8500 ALVW³					
50,000 MILES	0.117	2.5	0.6	0.011	---
100,000 MILES	0.167	3.7	0.8 ²	0.016	0.06

811

812 ⁺Applicable to diesel vehicles only

813 ²Standards not applicable to diesel vehicles

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814 ³Option of certifying heavy-duty engines in vehicles up to 10,000 pounds GVWR using the
 815 light-duty truck (LDT) standards

816 (Source: Amended at 50 Ill. Reg. _____, effective _____)

817 **Section 241.TABLE C: NMOG Standards for Flexible-Fueled and Dual-Fueled Vehicles**
 818 **(g/mi)**

819

VEHICLE WEIGHT	NMOG STANDARD [†]	
	50,000 MILE	100,000 MILE
ALL LDV, LDT, ≤6000 GVWR ≤3750 LVW	0.075/0.125	0.09/0.156
LDT ≤6000 GVWR >3750 LVW ≤5750 LVW	0.100/0.160	0.130/0.200
LDT >6000 GVWR ≤3750 ALVW	0.125/0.250	0.180/0.360
LDT >6000 GVWR >3750 ALVW ≤5750 ALVW	0.160/0.320	0.230/0.460
LDT >6000 GVWR >5750 ALVW	0.195/0.390	0.280/0.560

820
 821 [†]The standards are presented for flexible-fueled and dual-fueled clean fuel vehicles when
 822 operating on clean alternative fuel and conventional fuel in the format "x/y" where x represents
 823 the NMOG standard when the vehicle is operated on a clean alternative fuel and y represents the
 824 NMOG standard when the vehicle is operated on a conventional fuel.

825 (Source: Amended at 50 Ill. Reg. _____, effective _____)

826 **Section 241.TABLE D: Emission Standards for Model Year 1998 and Later Heavy-Duty**
 827 **Vehicles (g/bhp-hr)**

828

VEHICLE TYPE	THC	<u>NO_x</u> <u>N</u> <u>O_x</u>	NMHC +NO _x <u>NO_x</u>	CO	PM ¹	OMHCE	HCHO
GASOLINE							
GASOLINE	1.1	4.0	---	14.4	---	1.1	---

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≤ 14,000 GVWR							
GASOLINE							
<u>GASOLINE</u> > 14,000 GVWR	1.9	4.0	---	37.1	---	1.9	---
DIESEL	1.3	4.0	---	15.5	0.10	1.3	---
LEV CERTIFIED							
<u>LEV CERTIFIED</u> FUEL	(²)	(²)	3.8	(²)	(²)	(²)	---
LEV CERTIFIED							
<u>LEV CERTIFIED</u> CALIF. FUEL	(²)	(²)	3.5	(²)	(²)	(²)	---
ULEV	(²)	(²)	2.5	7.2	0.05	(²)	0.025
ILEV	(²)	(²)	2.5	14.4	0.10	(²)	0.025

829

830 ¹~~Standards~~¹Standards for particulate matter (PM) apply only to diesel-fueled vehicles.

831 ²~~HD~~²HD CFVs must meet conventional vehicle standards for THC, NOx, CO, PM, and
832 OMHCE

833

834 (Source: Amended at 50 Ill. Reg. _____, effective _____)

835

836 ~~Section 241.APPENDIX B: Credit Values~~

837 ~~TABLE A: Credit Generation: Acquiring a Light Duty Clean Fuel Vehicle before MY-~~
838 ~~1999 or Acquiring More Light Duty Clean Fuel Vehicles than Required~~

TYPE	LDV, LDT ≤6000 GVWR ≤3750 LVW	LDT ≤6000 GVWR >3750 LVW ≤5750 LVW	LDT >6000 GVWR ≤3750- ALVW	LDT >6000- GVWR >3750 ALVW ≤5750- ALVW	LDT >6000 GVWR >5750 ALVW
LEV	1.00	1.26	0.71	0.91	1.11
ULEV	1.20	1.54	1.00	1.26	1.56

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ZEV	1.43	1.83	1.43	1.83	2.23
-----	------	------	------	------	------

839

840 ~~(Source: Amended at 50 Ill. Reg. _____, effective _____)~~

841 ~~TABLE D: Credit Generation: Acquiring a Heavy-Duty Clean Fuel Vehicle before MY-~~

842 ~~1999 or Acquiring More Heavy-Duty Clean Fuel Vehicles than Required—~~

VEHICLE TYPE	HDV
LEV	1.00
ULEV	1.87
ZEV	3.53

843

844 ~~(Source: Amended at 50 Ill. Reg. _____, effective _____)~~

846

Summary report:	
Litera Compare for Word 11.8.0.56 Document comparison done on 3/26/2026 9:49:35 AM	
Style name: Quotes	
Intelligent Table Comparison: Active	
Original filename: 35-241RG-P Agency 3.19.26.docx	
Modified filename: 35-241RG-P JCAR 3.19.26.docx	
Changes:	
<u>Add</u>	57
Delete	122
Move From	0
<u>Move To</u>	0
<u>Table Insert</u>	2
Table Delete	18
<u>Table moves to</u>	0
Table moves from	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	0
Embedded Excel	0
Format changes	0
Total Changes:	199

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TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER I: AIR QUALITY STANDARDS AND EPISODES

PART 243
AIR QUALITY STANDARDS

SUBPART A: GENERAL PROVISIONS

- 11 Section
- 12 243.101 Definitions
- 13 243.102 Scope
- 14 243.103 Applicability
- 15 243.104 Nondegradation (Repealed)
- 16 243.105 Air Quality Monitoring Data Influenced by Exceptional Events
- 17 243.106 Monitoring (Repealed)
- 18 243.107 Reference Conditions
- 19 243.108 Incorporations by Reference

SUBPART B: STANDARDS AND MEASUREMENT METHODS

- 23 Section
- 24 243.120 PM₁₀ and PM_{2.5}
- 25 243.121 Particulates (Repealed)
- 26 243.122 Sulfur Oxides (Sulfur Dioxide)
- 27 243.123 Carbon Monoxide
- 28 243.124 Nitrogen Oxides (Nitrogen Dioxide as Indicator)
- 29 243.125 Ozone
- 30 243.126 Lead
- 31
- 32 243.APPENDIX A Rule into Section Table (Repealed)
- 33 243.APPENDIX B Section into Rule Table (Repealed)
- 34 243.APPENDIX C Past Compliance Dates (Repealed)
- 35 243.TABLE A Schedule for Flagging and Documentation Submission for Data Influenced
- 36 by Exceptional Events for Use in Initial Area Designations (Repealed)
- 37

38 AUTHORITY: Implementing Sections 7.2 and 10 and authorized by Section 27 of the
39 Environmental Protection Act [415 ILCS 5/7.2, 10, and 27].
40

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41 SOURCE: Adopted as Chapter 2: Air Pollution, Part III: Air Quality Standards, in R71-23,
42 filed and effective April 14, 1972; amended in R80-11, at 6 Ill. Reg. 5804, effective April 22,
43 1982; amended in R82-12, at 7 Ill. Reg. 9906, effective August 18, 1983; codified at 7 Ill. Reg.
44 13630; amended in R91-35 at 16 Ill. Reg. 8185, effective May 15, 1992; amended in R09-19 at
45 35 Ill. Reg. 18857, effective October 25, 2011; amended in R13-11 at 37 Ill. Reg. 12882,
46 effective July 29, 2013; amended in R14-6 at 37 Ill. Reg. 19848, effective November 27, 2013;
47 amended in R14-16 at 38 Ill. Reg. 12900, effective June 9, 2014; amended in R15-4 at 39 Ill.
48 Reg. 5434, effective March 24, 2015; amended in R16-2 at 40 Ill. Reg. 4906, effective March 3,
49 2016; amended in R17-1 at 41 Ill. Reg. 1121, effective January 23, 2017; amended in R17-10 at
50 41 Ill. Reg. 13413, effective October 23, 2017; amended in R18-15 at 42 Ill. Reg. 9308, effective
51 May 29, 2018; amended in R19-6 at 43 Ill. Reg. 3034, effective February 19, 2019; amended in
52 R19-14/R20-3/R20-11 at 44 Ill. Reg. 14223, effective August 18, 2020; amended in R21-1 at 45
53 Ill. Reg. 337, effective December 17, 2020; amended in R22-8 at 46 Ill. Reg. 9068, effective
54 May 18, 2022; amended in R23-15 at 47 Ill. Reg. 14814, effective October 5, 2023; amended in
55 R24-15 at 48 Ill. Reg. 8097, effective May 16, 2024; amended in R25-7 at 48 Ill. Reg. 17597,
56 effective November 21, 2024; amended in R18-21 at 50 Ill. Reg. _____, effective
57 _____.

58
59 **SUBPART A: GENERAL PROVISIONS**
60

61 **Section 243.101 Definitions**
62

63 For this Part, terms listed below have the definitions in this Section. As used in this Part, all
64 terms not defined in this Section will have the definition in the Act; the CAA, incorporated by
65 reference in Section 243.108; or 35 Ill. Adm. Code 201.102.
66

67 "Act" means the Environmental Protection Act [415 ILCS 5].
68

69 "Agency" means the Illinois Environmental Protection Agency.
70

71 "Ambient air" means that portion of the atmosphere, external to buildings, to
72 which the general public has access.
73

74 "Clean Air Act" or "CAA" means the federal Clean Air Act (42 U.S.C. 7401 et
75 seq., as amended), incorporated by reference in Section 243.108.
76

77 "Exceedance of a NAAQS" means one occurrence of a measured or modeled
78 concentration that exceeds the specified concentration level of that NAAQS for
79 the averaging period specified by the standard.
80

81 "Exceptional event"

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a) "Exceptional event" means an event and its resulting emissions that fulfill the following criteria:

1) The event affects air quality so that a clear causal relationship exists between the specific event and the monitored exceedance or violation;

2) The event is not reasonably controllable or preventable;

3) The event is caused by human activity that is unlikely to recur at a particular location or a natural event; and

4) The event is determined by USEPA in accordance with 40 CFR 50.14 to be an exceptional event.

b) An "exceptional event" does not include:

1) Air pollution relating to source noncompliance;

2) Stagnation of air masses and meteorological inversions;

3) A meteorological event involving high temperatures or lack of precipitation (i.e., severe, extreme, or exceptional drought).

BOARD NOTE: Stagnation of air masses, meteorological inversions, and meteorological events involving high temperatures or lack of precipitation do not directly cause pollutant emissions and are not exceptional events. However, conditions involving high temperatures or lack of precipitation may promote occurrences of particular types of exceptional events, such as wildfires or high wind events, that do directly cause emissions.

"Federal equivalent method" or "FEM" means a method for measuring the concentration of an air pollutant in the ambient air that USEPA has designated as an equivalent method under 40 CFR 53 and that is included in the List of Designated Methods, including later updates, as incorporated by reference in Section 243.108. The term "federal equivalent method" does not include a method for which USEPA has cancelled or superseded an equivalent method designation under 40 CFR 53.11 or 53.16, as reflected in the incorporation by reference in Section 243.108.

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123 BOARD NOTE: Derived from 40 CFR 50.1(f) (definition of "equivalent
124 method"), 50.11(d)(2) (reference to designation of "FEM"), and 53.1
125 (definition of "federal equivalent method"). The clause "including later
126 updates" in this definition is intended to exclude methods canceled by
127 USEPA under 40 CFR 53.11 or 53.16 for which the cancellation is
128 included in the updates to the List of Designated Methods incorporated by
129 reference in Section 243.108. A federal designation of an FEM becomes
130 effective upon publication of a notice in the Federal Register. A federal
131 cancellation of an FEM becomes effective upon deletion from the listing
132 of FEMs.
133

134 "Federal land manager" means the Secretary of the department with authority over
135 the federal Class I area (or the Secretary's designee).
136

137 BOARD NOTE: See 40 CFR 50.1(r) and 51.301 (definitions of "federal
138 land manager"). There are no federal Class I areas in or immediately
139 abutting Illinois. See subpart D of 40 CFR 81.
140

141 "Federal reference method" or "FRM" means a method of sampling and analyzing
142 the ambient air for an air pollutant that USEPA has specified as a reference
143 method in an appendix to 40 CFR 50, incorporated by reference in Section
144 243.108, or a method that USEPA has designated as a reference method under 40
145 CFR 53 and that is included in the List of Designated Methods, including later
146 updates, incorporated by reference in Section 243.108. The term "federal
147 reference method" does not include a method for which USEPA has cancelled or
148 superseded a reference method designation under 40 CFR 53.11 or 53.16, as
149 reflected in the incorporation by reference in Section 243.108.
150

151 BOARD NOTE: Derived from 40 CFR 50.1(f) (definition of "reference
152 method") and 53.1 (definition of "federal reference method"). The clause
153 "including later updates" in this definition is intended to exclude methods
154 canceled by USEPA under 40 CFR 53.11 or 53.16 for which the
155 cancellation is included in the updates to the List of Designated Methods
156 incorporated by reference in Section 243.108. A federal designation of an
157 FRM becomes effective upon publication of a notice in the Federal
158 Register. A federal cancellation of an FRM becomes effective upon
159 deletion from the listing of FRMs or from an appendix to 40 CFR 50.
160

161 "High wind dust event" means an event that includes the high-speed wind and the
162 dust that the wind entrains and transports to a monitoring site.
163

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164 "High wind threshold" means the minimum wind speed capable of causing
165 particulate matter emissions from natural undisturbed lands in the area affected by
166 a high wind dust event.
167

168 "Micrograms per cubic meter" or " $\mu\text{g}/\text{m}^3$ " means one millionth (10^{-6}) of a gram of
169 a contaminant per cubic meter of ambient air, as measured and determined by the
170 methods prescribed for that contaminant.
171

172 BOARD NOTE: The Board added this definition and the following
173 definition of "milligrams per cubic meter".
174

175 "Milligrams per cubic meter" or " mg/m^3 " means one thousandth (10^{-3}) of a gram
176 of a contaminant per cubic meter of ambient air, as measured and determined by
177 the methods prescribed for that contaminant.
178

179 BOARD NOTE: The Board added this definition and the preceding
180 definition of "micrograms per cubic meter".
181

182 "National Ambient Air Quality Standard" or "NAAQS" means a standard
183 established by USEPA that applies for outdoor air throughout the United States.
184

185 BOARD NOTE: The Board added this definition, derived from the
186 definition in "Terms of Environment: Glossary, Abbreviations, and
187 Acronyms" (December 1997), EPA 175-B-97-001, at p. 30. USEPA has
188 codified the NAAQS at 40 CFR 50.
189

190 "Natural event" means an event and its resulting emissions, which may recur at
191 the same location, in which human activity plays little or no direct causal role. For
192 this definition, anthropogenic sources that are reasonably controlled are not
193 human activity that plays a direct causal role in causing emissions.
194

195 "Parts per billion" or "ppb" means the ratio of the parts of a specified contaminant
196 to a billion parts of air by weight ($1:10^{-9}$), as measured and determined by the
197 methods prescribed for that contaminant.
198

199 BOARD NOTE: The Board added this definition and the following
200 definition of "parts per million", derived from the parentheticals in 40
201 CFR 50.4(a) and (b) and 50.17(a) and the definition of "parts per billion
202 (ppb)/parts per million (ppm)" in "Terms of Environment: Glossary,
203 Abbreviations, and Acronyms" (December 1997), EPA 175-B-97-001, at
204 p. 34.

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"Parts per million" or "ppm" means the ratio of the parts of a specified contaminant to a million parts of air by weight ($1:10^{-6}$), as measured and determined by the methods prescribed for that contaminant.

BOARD NOTE: The Board added this definition and the preceding definition of "parts per billion", derived from the parentheses in 40 CFR 50.4(a) and (b) and 50.17(a) and the definition of "parts per billion (ppb)/parts per million (ppm)" in "Terms of Environment: Glossary, Abbreviations, and Acronyms" (December 1997), EPA 175-B-97-001, at p. 34.

"PM₁₀" means particulate matter that has an aerodynamic diameter less than or equal to a nominal 10 micrometers (μm).

BOARD NOTE: The Board added this definition derived from the parenthetical definition in 40 CFR 50.6(c).

"PM_{2.5}" means particulate matter that has an aerodynamic diameter less than or equal to a nominal 2.5 micrometers (μm).

BOARD NOTE: The Board added this definition, derived from the parenthetical definition in 40 CFR 50.7(a).

"Prescribed fire" means any fire intentionally ignited by management actions in accordance with applicable laws, policies, and regulations to meet specific land or resource management objectives.

"Traceable" means that a local standard has been compared and certified either directly or through only one intermediate standard to a primary standard, such as a National Bureau of Standards Standard Reference Material (NBS SRM) or a USEPA/NBS-approved Certified Reference Material (CRM).

"USEPA" means the United States Environmental Protection Agency.

BOARD NOTE: Derived from 40 CFR 50.1(c). The Board has used "USEPA" in text where USEPA has used "Administrator" if action by USEPA is clearly contemplated. Otherwise, the Board has used "Agency" as defined in this Section.

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245 "Wildfire" means any fire started by an unplanned ignition caused by lightning;
246 volcanoes; other acts of nature; unauthorized activity; or accidental,
247 human-caused actions, or a prescribed fire that has developed into a wildfire. A
248 wildfire that predominantly occurs on wildland is a natural event.
249

250 "Wildland" means an area in which human activity and development are
251 essentially non-existent, except for roads, railroads, power lines, and similar
252 transportation facilities. Structures, if any, are widely scattered.
253

254 BOARD NOTE: Derived from 40 CFR 50.1 (2016), except as otherwise more
255 specifically indicated.
256

257 (Source: Amended at 50 Ill. Reg. , effective)
258

259 **Section 243.102 Scope**
260

- 261 a) This Part sets forth the NAAQS adopted by USEPA under Section 109 of the
262 CAA (42 U.S.C. 7409) and incorporated into this Part under Sections 7.2 and
263 10(H) of the Act.
264
- 265 b) National primary ambient air quality standards (primary NAAQS) define levels of
266 air quality that USEPA has judged are necessary, with an adequate margin of
267 safety, to protect the public health. National secondary ambient air quality
268 standards (secondary NAAQS) define levels of air quality that USEPA has judged
269 necessary to protect the public welfare from any known or anticipated adverse
270 effects of a pollutant. These standards are subject to revision, and additional
271 primary and secondary NAAQS may be promulgated as USEPA deems necessary
272 to protect the public health and welfare.
273
- 274 c) The promulgation of primary and secondary NAAQS must not be considered in
275 any manner to allow significant deterioration of existing air quality in any portion
276 of this State.
277

278 BOARD NOTE: Derived from 40 CFR 50.2.
279

280 (Source: Amended at 50 Ill. Reg. , effective)
281

282 **Section 243.105 Air Quality Monitoring Data Influenced by Exceptional Events**
283

- 284 a) The federal regulations at 40 CFR 50.14 provide that a state, federal land
285 manager, or federal agency can seek USEPA determination that exceedances or

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286 violations of a NAAQS are directly due to an exceptional event, as defined in
287 Section 243.101 and derived from 40 CFR 50.1, so that the State can exclude
288 affected ambient air quality monitoring data from a compliance determination.
289 The federal rule provides that a fireworks display, a prescribed fire, a wildfire, a
290 high wind dust event, a stratospheric intrusion, or an aggregate of events on the
291 same day can be an exceptional event.

- 292
- 293 b) The Agency must use the applicable procedures of 40 CFR 50.14 to obtain a
- 294 USEPA determination of an exceptional event and exclusion of affected ambient
- 295 air quality monitoring data, if the Agency determines that the data are influenced
- 296 by an exceptional event and should be excluded from a compliance determination.
- 297
- 298 c) Ambient air quality monitoring data excluded by a USEPA determination under
- 299 40 CFR 50.14 is excluded from use for compliance determination under this Part.

300
301 BOARD NOTE: Derived from 40 CFR 50.14.

302
303 (Source: Amended at 50 Ill. Reg. _____, effective _____)

304
305 **Section 243.107 Reference Conditions**

306
307 All measurements of air quality that are expressed as mass per unit volume (e.g., micrograms per
308 cubic meter) other than for PM_{2.5} standards contained in Section 243.120(b), (c), and (d) and lead
309 standards contained in Section 243.126(b), are corrected to a reference temperature of 25 °C,
310 and a reference pressure of 760 millimeters of mercury (1013.2 millibars). Measurements of
311 PM_{2.5} for comparison to the standards in Section 243.120(b), (c), and (d), and lead comparison to
312 the standards in Section 243.126(b) must be reported based on actual ambient air volume
313 measured at the actual ambient temperature and pressure at the monitoring site during the
314 measurement period.

315
316 BOARD NOTE: Derived from 40 CFR 50.3.

317
318 (Source: Amended at 50 Ill. Reg. _____, effective _____)

319
320 **Section 243.108 Incorporations by Reference**

321
322 The following materials are incorporated by reference. These incorporations do not include any
323 later amendments or editions:

324

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325 Government Printing Office (GPO), Washington, DC 20401, 202-783-3238,
326 www.govinfo.gov/. The following documents incorporated by reference are
327 available from this source:
328

329 Appendix A-1 to 40 CFR 50 (2024) (Reference Measurement Principle
330 and Calibration Procedure for the Measurement of Sulfur Dioxide in the
331 Atmosphere (Ultraviolet Fluorescence Method)), referenced in Section
332 243.122.
333

334 Appendix A-2 to 40 CFR 50 (2024) (Reference Method for the
335 Determination of Sulfur Dioxide in the Atmosphere (Pararosaniline
336 Method)), referenced in Section 243.122.
337

338 Appendix B to 40 CFR 50 (2024) (Reference Method for the
339 Determination of Suspended Particulate Matter in the Atmosphere
340 (High-Volume Method)), referenced in Appendix G to 40 CFR 50.
341

342 Appendix C to 40 CFR 50 (2024) (Measurement Principle and Calibration
343 Procedure for the Measurement of Carbon Monoxide in the Atmosphere
344 (Non-Dispersive Infrared Photometry)), referenced in Section 243.123.
345

346 Appendix D to 40 CFR 50 ((2024) as amended in 88 Fed. Reg. 705987
347 (Oct. 12, 2023)) (Reference Measurement Principle and Calibration
348 Procedure for the Measurement of Ozone in the Atmosphere
349 (Chemiluminescence Method)), referenced in Section 243.125.
350

351 Appendix F to 40 CFR 50 (2024) (Measurement Principle and Calibration
352 Procedure for the Measurement of Nitrogen Dioxide in the Atmosphere
353 (Gas Phase Chemiluminescence)), referenced in Section 243.124.
354

355 Appendix G to 40 CFR 50 (2024) (Reference Method for the
356 Determination of Lead in Total Suspended Particulate Matter), referenced
357 in Section 243.126.
358

359 Appendix J to 40 CFR 50 (2024) (Reference Method for the
360 Determination of Particulate Matter as PM₁₀ in the Atmosphere),
361 referenced in Section 243.120.
362

363 Appendix K to 40 CFR 50 (2024) (Interpretation of the National Ambient
364 Air Quality Standards for Particulate Matter), referenced in Section
365 243.120.

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366
367 Appendix L to 40 CFR 50 (2024) (Reference Method for the
368 Determination of Fine Particulate Matter as PM_{2.5} in the Atmosphere),
369 referenced in Section 243.120.
370
371 Appendix N to 40 CFR 50 (2024) (Interpretation of the National Ambient
372 Air Quality Standards for PM_{2.5}), referenced in Section 243.120.
373
374 Appendix O to 40 CFR 50 (2024) (Reference Method for the
375 Determination of Coarse Particulate Matter as PM_{10-2.5} in the
376 Atmosphere), referenced in Appendix Q to 40 CFR 50 and for federally
377 required monitoring by the NCore system under 40 CFR 58.
378
379 Appendix P to 40 CFR 50 (2024) (Interpretation of the Primary and
380 Secondary National Ambient Air Quality Standards for Ozone), referenced
381 in Section 243.125.
382
383 Appendix Q to 40 CFR 50 (2024) (Reference Method for the
384 Determination of Lead in Particulate Matter as PM₁₀ Collected from
385 Ambient Air), referenced in Appendix R to 40 CFR 50.
386
387 Appendix R to 40 CFR 50 (2024) (Interpretation of the National Ambient
388 Air Quality Standards for Lead), referenced in Section 243.126.
389
390 Appendix S to 40 CFR 50 (2024) (Interpretation of the Primary National
391 Ambient Air Quality Standards for Oxides of Nitrogen (Nitrogen
392 Dioxide)), referenced in Section 243.124.
393
394 Appendix T to 40 CFR 50 (2024) (Interpretation of the Primary and
395 Secondary National Ambient Air Quality Standards for Oxides of Sulfur
396 (Sulfur Dioxide)), referenced in Section 243.122.
397
398 Appendix U to 40 CFR 50 (2024) (Interpretation of the Primary and
399 Secondary National Ambient Air Quality Standards for Ozone), referenced
400 in Section 243.125.
401
402 Clean Air Act, 42 U.S.C. 7401 et seq. (2022) (for definitions of terms
403 only), referenced in Section 243.101.
404

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405 BOARD NOTE: Code of Federal Regulations and United States Code
406 provisions are available for free download as PDF documents from the
407 GPO FDsys website: www.govinfo.gov/.
408

409 USEPA, National Exposure Research Laboratory, Human Exposure &
410 Atmospheric Sciences Division (MD-D205-03), Research Triangle Park, NC
411 27711. The following documents incorporated by reference are available from
412 this source:
413

414 "List of Designated Reference and Equivalent Methods" (December 15,
415 2025) ("List of Designated Methods"), referenced in Sections 243.101,
416 243.120, 243.122, 243.123, 243.124, 243.125, and 243.126.
417

418 BOARD NOTE: The List of Designated Methods is available for free
419 download as a PDF document from the USEPA, Technology Transfer,
420 Ambient Monitoring Technology Information Center website:
421 ~~[https://www.epa.gov/system/files/documents/2025-12/amtic-list-december](https://www.epa.gov/system/files/documents/2025-12/amtic-list-december-2025-508-compliant.pdf)~~
422 ~~[-2025-508-compliant.pdf](https://www.epa.gov/system/files/documents/2025-12/amtic-list-december-2025-508-compliant.pdf)~~ <https://www.epa.gov/system/files/documents/2025-12/amtic-list-december-2025-508-compliant.pdf>.
423
424

425 (Source: Amended at 50 Ill. Reg. _____, effective _____)
426

427 SUBPART B: STANDARDS AND MEASUREMENT METHODS
428

429 **Section 243.120 PM₁₀ and PM_{2.5}**
430

- 431 a) 1987 Primary and Secondary 24-Hour NAAQS for PM₁₀
432
- 433 1) The level of the 1987 primary and secondary 24-hour NAAQS for PM₁₀ is
434 150 µg/m³, 24-hour average concentration. The 1987 primary and
435 secondary NAAQS for PM₁₀ are attained when the expected number of
436 days per calendar year with a 24-hour average concentration above 150
437 µg/m³, as determined under Appendix K to 40 CFR 50, incorporated by
438 reference in Section 243.108, is less than or equal to one.
439
- 440 2) This subsection (a)(2) corresponds with 40 CFR 50.6(b), a provision
441 marked "reserved" by USEPA. This statement maintains structural
442 consistency with the corresponding federal regulation.
443

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- 444 3) To determine attainment of the 1987 primary and secondary 24-hour
445 NAAQS for PM₁₀, particulate matter must be measured in the ambient air
446 as PM₁₀ by:
447
448 A) An FRM based on Appendix J to 40 CFR 50, incorporated
449 by reference in Section 243.108, and designated by USEPA
450 and listed in the List of Designated Methods, incorporated
451 by reference in Section 243.108; or
452
453 B) An FEM designated by USEPA and listed in the List of Designated
454 Methods, incorporated by reference in Section 243.108.
455

456 BOARD NOTE: Derived from 40 CFR 50.6.
457

- 458 b) 1997 Secondary Annual Average and Primary and Secondary 24-Hour NAAQS
459 for PM_{2.5}
460
461 1) The 1997 secondary annual average NAAQS for PM_{2.5} is 15.0 µg/m³,
462 annual arithmetic mean concentration, and the 1997 primary and
463 secondary 24-hour NAAQS for PM_{2.5} is 65 µg/m³, 24-hour average
464 concentration, measured in the ambient air as PM_{2.5} by either :
465
466 A) An FRM based on Appendix L of 40 CFR 50, incorporated by
467 reference in Section 243.108, and designated by USEPA and listed
468 in the List of Designated Methods, incorporated by reference in
469 Section 243.108; or
470
471 B) An FEM designated by USEPA and listed in the List of Designated
472 Methods, incorporated by reference in Section 243.108.
473
474 2) The 1997 secondary annual average NAAQS for PM_{2.5} is met when the
475 annual arithmetic mean concentration, as determined under Appendix N of
476 40 CFR 50, incorporated by reference in Section 243.108, is less than or
477 equal to 15.0 µg/m³.
478
479 3) The 1997 primary and secondary 24-hour NAAQS for PM_{2.5} are met when
480 the 98th percentile 24-hour concentration, as determined under Appendix
481 N of 40 CFR 50, incorporated by reference in Section 243.108, is less than
482 or equal to 65 µg/m³.
483

484 BOARD NOTE: Derived from 40 CFR 50.7.

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c) 2006 Secondary Annual Average and Primary and Secondary 24-Hour NAAQS for PM_{2.5}

1) The 2006 secondary annual average NAAQS for PM_{2.5} is 15.0 µg/m³ annual arithmetic mean concentration, and the 2006 primary and secondary 24-hour NAAQS for PM_{2.5} is 35 µg/m³, 24-hour average concentration, measured in the ambient air as PM_{2.5} by either:

A) An FRM based on Appendix L of 40 CFR 50, incorporated by reference in Section 243.108, and designated by USEPA and listed in the List of Designated Methods, incorporated by reference in Section 243.108; or

B) An FEM designated by USEPA and listed in the List of Designated Methods, incorporated by reference in Section 243.108.

2) The 2006 secondary annual average NAAQS for PM_{2.5} is met when the annual arithmetic mean concentration, as determined under Appendix N of 40 CFR 50, incorporated by reference in Section 243.108, is less than or equal to 15.0 µg/m³.

3) The 2006 primary and secondary 24-hour NAAQS for PM_{2.5} are met when the 98th percentile 24-hour concentration, as determined under Appendix N of 40 CFR 50, incorporated by reference in Section 243.108, is less than or equal to 35 µg/m³.

BOARD NOTE: Derived from 40 CFR 50.13.

d) 2012 Primary Annual Average and 24-Hour NAAQS for PM_{2.5}

1) The 2012 primary annual average NAAQS for PM_{2.5} is 12.0 µg/m³ annual arithmetic mean concentration, and the 2012 primary 24-hour NAAQS for PM_{2.5} is 35 µg/m³, 24-hour average concentration, measured in the ambient air as PM_{2.5} by either:

A) An FRM based on Appendix L of 40 CFR 50, incorporated by reference in Section 243.108, and designated by USEPA and listed in the List of Designated Methods, incorporated by reference in Section 243.108; or

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- 526 B) An FEM designated by USEPA and listed in the List of Designated
527 Methods, incorporated by reference in Section 243.108.
528
- 529 2) The 2012 primary annual NAAQS for PM_{2.5} is met when the annual
530 arithmetic mean concentration, as determined under Appendix N of 40
531 CFR 50, incorporated by reference in Section 243.108, is less than or
532 equal to 12.0 µg/m³.
533
- 534 3) The 2012 primary 24-hour NAAQS for PM_{2.5} is met when the 98th
535 percentile 24-hour concentration, as determined under Appendix N of 40
536 CFR 50, incorporated by reference in Section 243.108, is less than or
537 equal to 35 µg/m³.
538

539 BOARD NOTE: Derived from 40 CFR 50.18.
540

- 541 e) 2024 Primary Annual Average and 24-Hour NAAQS for PM_{2.5}
542
- 543 1) The national primary ambient air quality standards for PM_{2.5} are 9.0 µg/m³
544 annual arithmetic mean concentration and 35 µg/m³, 24-hour average
545 concentration, measured in the ambient air as PM_{2.5} by either:
546
- 547 A) An FRM based on Appendix L of 40 CFR 50, incorporated by
548 reference in Section 243.108, and designated by USEPA and listed
549 in the List of Designated Methods, incorporated by reference in
550 Section 243.108; or
551
- 552 B) An FEM designated by USEPA and listed in the List of Designated
553 Methods, incorporated by reference in Section 243.108.
554
- 555 2) The primary annual PM_{2.5} standard is met when the annual arithmetic
556 mean concentration, as determined under Appendix N of 40 CFR 50,
557 incorporated by reference in Section 243.108, is less than or equal to 9.0
558 µg/m³.
559
- 560 3) The primary 24-hour PM_{2.5} standard is met when the 98th percentile
561 24-hour concentration, as determined under Appendix N of 40 CFR 50,
562 incorporated by reference in Section 243.108, is less than or equal to 35
563 µg/m³.
564

565 BOARD NOTE: Derived from 40 CFR 50.20.
566

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 243.122 Sulfur Oxides (Sulfur Dioxide)

a) 1971 Secondary Three-Hour NAAQS for Sulfur Oxides (as SO₂)

- 1) The level of the 1971 secondary three-hour NAAQS for sulfur oxides is 0.5 ppm, not to be exceeded more than once per calendar year. The three-hour averages must be determined from successive non-overlapping three-hour blocks starting at midnight each calendar day and must be rounded to one decimal place (fractional parts equal to or greater than 0.05 ppm must be rounded up).
- 2) Sulfur oxides must be measured in the ambient air as SO₂ by the FRM designated by USEPA and described in Appendix A-2 to 40 CFR 50, incorporated by reference in Section 243.108, or by an FEM designated by USEPA and listed in the List of Designated Methods, incorporated by reference in Section 243.108.
- 3) To demonstrate attainment, the second-highest three-hour average must be based upon hourly data that are at least 75% complete in each calendar quarter. A three-hour block average must be considered valid only if all three hourly averages for the three-hour period are available. If only one or two hourly averages are available, but the three-hour average would exceed the level of the standard when zeros are substituted for the missing values, subject to the rounding rule of subsection (a)(1), this must be considered a valid three-hour average. In all cases, the three-hour block average must be computed as the sum of the hourly averages divided by three.

BOARD NOTE: Derived from 40 CFR 50.5.

b) 2010 Primary One-Hour NAAQS for Sulfur Oxides (as SO₂)

- 1) The level of the 2010 primary one-hour NAAQS for sulfur oxides is 75 ppb, measured in the ambient air as SO₂.
- 2) The 2010 one-hour primary NAAQS for sulfur oxides is met at an ambient air quality monitoring site when the three-year average of the annual (99th percentile) of the daily maximum one-hour average concentrations is less

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607 than or equal to 75 ppb, as determined under Appendix T of 40 CFR 50,
608 incorporated by reference in Section 243.108.
609

610 3) The level of the 2010 one-hour primary NAAQS for sulfur oxides must be
611 measured by an FRM designated by USEPA and based on Appendix A-1
612 or A-2 of 40 CFR 50, incorporated by reference in Section 243.108, or by
613 an FEM designated by USEPA and listed in the List of Designated
614 Methods, incorporated by reference in Section 243.108.
615

616 BOARD NOTE: Derived from 40 CFR 50.17.

617
618 (Source: Amended at 50 Ill. Reg. , effective)
619

620 **Section 243.123 Carbon Monoxide**
621

622 a) The 1971 eight-hour and one-hour primary NAAQS for carbon monoxide are:
623

624 1) An eight-hour average concentration of 9 ppm (10 mg/m³), not to be
625 exceeded more than once per year; and
626

627 2) A one-hour average concentration of 35 ppm (40 mg/m³), not to be
628 exceeded more than once per year.
629

630 b) The levels of carbon monoxide in the ambient air must be measured by:
631

632 1) An FRM based on Appendix C of 40 CFR 50, incorporated by reference in
633 Section 243.108, and designated by USEPA and listed in the List of
634 Designated Methods, incorporated by reference in Section 243.108; or
635

636 2) An FEM designated by USEPA and listed in the List of Designated
637 Methods, incorporated by reference in Section 243.108.
638

639 c) An eight-hour average concentration must be considered valid if at least 75% of
640 the hourly average for the eight-hour period is available. If only six-hour (or
641 seven-hour) averages are available, the eight-hour average must be computed on
642 the basis of the hours available using six (or seven) as the divisor.
643

644 d) When summarizing data for comparison with the standards, averages must be
645 stated to one decimal place. Comparison of the data with the levels of the
646 standards in ppm must be made in terms of integers, with fractional parts of 0.5 or
647 greater rounded up.

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BOARD NOTE: Derived from 40 CFR 50.8.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 243.124 Nitrogen Oxides (Nitrogen Dioxide as Indicator)

- a) The level of the 1971 primary annual average NAAQS for nitrogen oxides is 53 ppb, annual average concentration, measured in the ambient air as nitrogen dioxide (NO₂).
- b) The level of the 2010 primary one-hour NAAQS for nitrogen oxides is 100 ppb, one-hour average concentration, measured in the ambient air as NO₂.
- c) The level of the 1971 secondary annual average NAAQS for nitrogen oxides is 0.053 ppm (100 µg/m³), annual arithmetic mean concentration, measured in the ambient air as NO₂.
- d) The levels of the standards in subsections (a) through (c) must be measured by:
 - 1) An FRM based on Appendix F to 40 CFR 50, incorporated by reference in Section 243.108, and designated by USEPA and listed in the List of Designated Methods, incorporated by reference in Section 243.108; or
 - 2) By an FEM designated by USEPA and listed in the List of Designated Methods, incorporated by reference in Section 243.108.
- e) The 1971 primary annual average NAAQS for nitrogen oxides in subsection (a) is met when the annual average concentration in a calendar year is less than or equal to 53 ppb, as determined under Appendix S of 40 CFR 50, incorporated by reference in Section 243.108, for the annual standard.
- f) The 2010 one-hour primary NAAQS for nitrogen oxides in subsection (b) is met when the three-year average of the annual 98th percentile of the daily maximum one-hour average concentration is less than or equal to 100 ppb, as determined under Appendix S of 40 CFR 50, incorporated by reference in Section 243.108, for the one-hour standard.
- g) The 1971 secondary annual average NAAQS for nitrogen oxides in subsection (c) is attained when the annual arithmetic mean concentration in a calendar year is less than or equal to 0.053 ppm, rounded to three decimal places (fractional parts

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689 equal to or greater than 0.0005 ppm must be rounded up). To demonstrate
690 attainment, an annual mean must be based upon hourly data that are at least 75%
691 complete or upon data derived from manual methods that are at least 75%
692 complete for the scheduled sampling days in each calendar quarter.
693

694 BOARD NOTE: Derived from 40 CFR 50.11.

695
696 (Source: Amended at 50 Ill. Reg. _____, effective _____)
697

698 **Section 243.125 Ozone**
699

700 a) 2008 Primary and Secondary Eight-Hour NAAQS for Ozone
701

702 1) The 2008 primary and secondary eight-hour NAAQS for ozone is 0.075
703 ppm, daily maximum eight-hour average, measured by:
704

705 A) An FRM based on Appendix D to 40 CFR 50, incorporated by
706 reference in Section 243.108, and designated by USEPA and listed
707 in the List of Designated Methods, incorporated by reference in
708 Section 243.108; or
709

710 B) An FEM designated by USEPA and listed in the List of Designated
711 Methods, incorporated by reference in Section 243.108.
712

713 2) The 2008 primary and secondary eight-hour NAAQS for ozone ambient
714 air quality standards are met at an ambient air quality monitoring site
715 when the three-year average of the annual fourth-highest daily maximum
716 eight-hour average ozone concentration is less than or equal to 0.075 ppm,
717 as determined under Appendix P to 40 CFR 50, incorporated by reference
718 in Section 243.108.
719

720 BOARD NOTE: Derived from 40 CFR 50.15.
721

722 b) 2015 Primary and Secondary Eight-Hour NAAQS for Ozone
723

724 1) The level of the eight-hour primary NAAQS for ozone is 0.070 ppm, daily
725 maximum eight-hour average, measured by:
726

727 A) An FRM designated by USEPA and based on Appendix D to 40
728 CFR 50, incorporated by reference in Section 243.108; or
729

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- 730 B) An FEM designated by USEPA and listed in the List of Designated
- 731 Methods, incorporated by reference in Section 243.108.
- 732
- 733 2) The eight-hour primary NAAQS for ozone is met at an ambient air quality
- 734 monitoring site when the three-year average of the annual fourth-highest
- 735 daily maximum eight-hour average ozone concentration is less than or
- 736 equal to 0.070 ppm, as determined under Appendix U to 40 CFR 50,
- 737 incorporated by reference in Section 243.108.
- 738
- 739 3) The level of the secondary NAAQS for ozone is 0.070 ppm, daily
- 740 maximum eight-hour average ozone concentration, measured by:
- 741
- 742 A) An FRM designated by USEPA and based on Appendix D to 40
- 743 CFR 50, incorporated by reference in Section 243.108; or
- 744
- 745 B) An FEM designated by USEPA and listed in the List of Designated
- 746 Methods, incorporated by reference in Section 243.108.
- 747
- 748 4) The eight-hour secondary NAAQS for ozone is met at an ambient air
- 749 quality monitoring site when the three-year average of the annual
- 750 fourth-highest daily maximum eight-hour average ozone concentration is
- 751 less than or equal to 0.070 ppm, as determined under Appendix U to 40
- 752 CFR 50, incorporated by reference in Section 243.108.
- 753

BOARD NOTE: Derived from 40 CFR 50.19.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 243.126 Lead

- 758 a) 1978 Primary and Secondary Quarterly Average NAAQS for Lead
- 759

BOARD NOTE: Derived from 40 CFR 50.12. USEPA designated an area of Granite City (effective December 31, 2010) and an area of Chicago (effective December 31, 2011) as nonattainment with the 2008 primary and secondary three-month average NAAQS for lead. See 76 Fed. Reg. 72097, 72108 (Nov. 22, 2011); 75 Fed. Reg. 71033, 71042 (Nov. 22, 2010). This subsection (a) was obsolete on December 31, 2012, and the Board removed it.

- 762
- 763
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- 767
- 768
- 769 b) 2008 Primary and Secondary Three-Month Average NAAQS for Lead
- 770

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- 771 1) The 2008 primary and secondary three-month average NAAQS for lead
772 and its compounds are 0.15 $\mu\text{g}/\text{m}^3$, arithmetic mean concentration over a
773 three-month period, measured in the ambient air as lead either by:
774
- 775 A) An FRM based on Appendix G of 40 CFR 50, incorporated by
776 reference in Section 243.108, and designated by USEPA and listed
777 in the List of Designated Methods, incorporated by reference in
778 Section 243.108; or
779
- 780 B) An FEM designated by USEPA and listed in the List of Designated
781 Methods, incorporated by reference in Section 243.108.
782
- 783 2) The 2008 primary and secondary three-month average NAAQS for lead
784 are met when the maximum arithmetic three-month mean concentration
785 for a three-year period, as determined under Appendix R of 40 CFR 50,
786 incorporated by reference in Section 243.108, is less than or equal to 0.15
787 $\mu\text{g}/\text{m}^3$.
788

789 BOARD NOTE: Derived from 40 CFR 50.16.

790 (Source: Amended at 50 Ill. Reg. , effective)
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Summary report:	
Litera Compare for Word 11.8.0.56 Document comparison done on 3/27/2026 10:56:52 AM	
Style name: Quotes	
Intelligent Table Comparison: Active	
Original filename: 35-243RG-P Agency 3.19.26.docx	
Modified filename: 35-243RG-P JCAR 3.27.26.docx	
Changes:	
<u>Add</u>	33
Delete	42
Move From	0
<u>Move To</u>	0
<u>Table Insert</u>	0
Table Delete	0
<u>Table moves to</u>	0
Table moves from	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	0
Embedded Excel	0
Format changes	0
Total Changes:	75

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TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER I: AIR QUALITY STANDARDS AND EPISODES

PART 244
EPISODES

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29	Section	
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- 42 244.164 Criteria for Declaring a Red Alert
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- 47 244.169 Actions During Episode Stages

- 48
- 49 ~~Section~~ 244.APPENDIX A Rule into Section Table (Repealed)
- 50 ~~Section~~ 244.APPENDIX B Section into Rule Table (Repealed)
- 51 ~~Section~~ 244.APPENDIX C Compliance Dates
- 52 ~~Section~~ 244.APPENDIX D Required Emission Reduction Actions

53
54 AUTHORITY: Implementing Section 10 and authorized by Section 27 of the Environmental
55 Protection Act [415 ILCS 5/10 and 27].

56
57 SOURCE: Adopted as Rules 102 through 114, in R70-7, 1 PCB 101, filed and effective
58 December 8, 1970; renumbered as Chapter 2: Air Pollution, Part IV: Episodes, in R72-6, 5 PCB
59 183, filed and effective August 18, 1972; amended in R80-11, 45 PCB 577, at 6 Ill. Reg. 5804,
60 effective April 22, 1982; codified at 7 Ill. Reg. 13632; amended in R91-35 at 16 Ill. Reg. 8191,
61 effective May 15, 1992; amended in R18-21 at 50 Ill. Reg. _____, effective

62 _____.

63
64 SUBPART A: DEFINITIONS AND GENERAL PROVISIONS

65
66 **Section 244.101 Definitions**

67
68 Terms in this Part have the definitions in this Part and 35 Ill. Adm. Code 201 and 211.

69
70 "Air stagnation advisory" means a special bulletin issued by the National Weather
71 Service entitled "Air Stagnation Advisory" to warn air pollution control agencies
72 that stagnant atmospheric conditions are expected which could cause increased
73 concentrations of air contaminants near the ground.

74
75 "btu" means British thermal unit.

76
77 "Episode" means the period of time at a location in which an air pollution
78 advisory, yellow alert, red alert, or emergency has been declared.

79
80 "Fleet vehicle" means any one of three or more vehicles operated to transport
81 persons or property to further any commercial or industrial enterprise, for-hire or
82 not-for-hire.

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83
84 "Indirect source" means any building, facility, plant, auditorium, or other structure
85 or combination of them, or any street, road, highway, or airport, which causes or
86 contributes to air pollution by attracting mobile air pollution emission sources.
87

88 "Level" means average concentration of an air contaminant during a specified
89 time period.
90

91 "Low sulfur fuel" means any fuel containing 1.0% or less sulfur by weight.
92

93 "Parking lots" includes all lots, areas, buildings, or facilities or portions of lots,
94 areas, buildings, or facilities, whose primary purpose is temporary motor vehicle
95 parking.
96

97 (Source: Amended at 50 Ill. Reg. , effective)
98

99 **Section 244.102 Responsibility of the Agency**
100

101 The Director of the Illinois Environmental Protection Agency (Director) or their designated
102 representative has sole authority to declare episode stages under these rules. The Illinois
103 Environmental Protection Agency (Agency) has primary responsibility to conduct air pollution
104 episode operations, including air contaminant monitoring, source surveillance, and enforcement
105 activities, during air pollution episodes which affect any portion of the State of Illinois. The
106 Agency must notify any local agency assigned a significant episode control role in the Illinois
107 Air Pollution Implementation Plan before initiating, altering, or terminating any episode stage or
108 control strategy in the jurisdictional area of the local agency.
109

110 (Source: Amended at 50 Ill. Reg. , effective)
111

112 **Section 244.103 Determination of Required Actions**
113

114 To the maximum degree practicable, emission control actions taken under these rules must be
115 consistent with the extent of any air pollution alert or emergency.
116

117 a) When one or more specific emission sources causes any episode stage, the
118 Agency must require emission control action steps applicable only to the source
119 or sources to be taken.
120

121 b) When one or more specific air contaminants causes any episode stage, action
122 must be taken to reduce the concentration of the contaminant or contaminants.
123

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124 c) When motor vehicle emission control actions are required, the Agency must
125 promptly declare the applicable episode stage and phase actions to allow
126 reasonable notice and preparation for effective vehicle control actions.
127

128 (Source: Amended at 50 Ill. Reg. , effective)
129

130 **Section 244.104 Determination of Atmospheric Conditions**
131

132 When determining expected atmospheric conditions, the Agency must consider all available
133 meteorological information, including official National Weather Service observations, analyses,
134 forecasts, and advisories and meteorological data and reports from other sources. Atmospheric
135 conditions must include stagnation areas, weather fronts, pressure systems, inversions,
136 precipitation, and wind patterns and variations in solar insolation, temperature, and atmospheric
137 stability.
138

139 (Source: Amended at 50 Ill. Reg. , effective)
140

141 **Section 244.105 Determination of Expected Contaminant Emissions**
142

143 When determining expected contaminant emissions, the Agency must consider all available
144 emission information, including emission inventories for stationary sources, pertinent emissions
145 summaries, motor vehicle traffic patterns, and known or estimated seasonal, daily, or hourly
146 variations in emission rates or traffic patterns.
147

148 (Source: Amended at 50 Ill. Reg. , effective)
149

150 **Section 244.106 Monitoring**
151

152 a) Monitoring stations used to determine advisory, alert, or emergency levels must
153 be located according to federal guidelines for establishment of air quality
154 surveillance networks and must use measurement methods or equivalent methods
155 officially authorized by the United States Environmental Protection Agency
156 (USEPA).
157

158 b) Whenever any monitoring station registers air contaminant concentrations
159 exceeding advisory or alert levels, proper operation of the sampling equipment at
160 these stations must be verified by the Agency or any agency cooperating with the
161 Agency before the concentrations are used to declare any advisory, alert, or
162 emergency stage.
163

164 (Source: Amended at 50 Ill. Reg. , effective)

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Section 244.107 Determination of Areas Affected

- a) An advisory must be declared for the entire Illinois portion of any Air Quality Control Region if any part of that region meets the advisory criteria. When atmospheric conditions and contaminant emissions in a region cause the advisory criteria to be met in another region, an advisory must be declared for any Illinois portion of both regions.

- b) An alert or emergency must be declared for only those portions of an advisory area which meet the applicable criteria of Subpart D or cause the criteria to be met elsewhere in Illinois or in another state. When the criteria have been met, sectors of the advisory area requiring alert or emergency actions must be defined depending upon expected atmospheric conditions, contaminant emissions, and dispersion analyses. Alerts or emergencies must then be declared for one or more of these sectors.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 244.108 Failure to Comply with Episode Requirements

Failure to comply with an approved episode action plan, required actions in Appendix D, or the reasonable orders of the Director or their designated representative during any alert or emergency will expose any person to the penalty provisions of the Environmental Protection Act [415 ILCS 5/1 *et. seq.*] (Act). In all cases, the reasonable orders of the Director or their designated representative take precedence over episode action plans or required actions in Appendix D. However, those orders may not exceed the authority granted by this Part or by the Act.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 244.109 Sealing of Offenders

To the extent allowed by the Act, the Agency may seal any facility, vehicle, vessel, aircraft, or equipment operated in violation of this Part during any alert or emergency or otherwise contributing to an immediate danger to health.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART B: LOCAL AGENCY RESPONSIBILITIES

Section 244.121 Local Agency Responsibilities

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Local air pollution control agencies must cooperate with the Agency in monitoring, surveillance, and enforcement activities to the extent of their capabilities during any air pollution episode. This cooperation must meet the following conditions:

- a) Operation of Monitoring Equipment. At any time other than during an episode, local agencies with real-time monitoring equipment must operate that monitoring equipment at a minimum level necessary to determine whether any level of air contaminants specified in this Part has been reached.
- b) Reporting Levels to Agency. These local agencies must report to the Agency within 30 minutes by either telephone, email, or fax when any advisory, alert, or emergency level in this Part has been reached, as indicated on their air monitoring equipment.
- c) Operation of Telemetry Equipment. Local agencies with air contaminant sampling networks connected by telemetry with the headquarters of the Agency must conduct their operations to provide valid data to the Agency.
- d) Agency Representatives at Local Agency Control Centers. In regions where local agencies are participating with the Agency in episode control activities, one or more Agency representatives may station themselves at the control center of the local agency during an air pollution episode. The Agency representatives have authority to cause data to be transmitted by telephone or other rapid form of communication to Agency headquarters and, after consulting with the local agency, to require initiating, altering, or terminating control strategy by persons required to take action under this Part as directed by the Director.
- e) Local Agency Episode Operations Plan. Local agencies participating with the Agency in episode control activities must file with the Agency for approval an episode operations plan which describes procedures to obtain and process episode action plans; monitor air contaminant levels during routine and episode operations; alert the public, governmental officials, emission sources, and other interested parties of episode stages; and perform surveillance and enforcement activities during episodes.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART C: EPISODE ACTION PLANS

Section 244.141 Requirement for Plans

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247 All persons responsible for operating a type of facility listed under Section 244.142 must have on
248 file with the Agency written episode action plans, consistent with safe operating procedures, for
249 reducing the levels of air contaminants during yellow alerts, red alerts, and emergencies. These
250 plans must be designed to reduce air contaminants in compliance with these rules and must be on
251 forms designed by the Agency. The Agency may develop guidelines interpreting these
252 requirements, which must be filed with the Secretary of State under the Administrative
253 Procedure Act [5 ILCS 100/1-1 *et. seq.*].
254

255
256 (Source: Amended at 50 Ill. Reg. _____, effective _____)
257

258 **Section 244.142 Facilities for which Action Plans are Required**
259

- 260 ~~†~~a) Electric power generating stations burning fossil fuels.
261
- 262 b) Facilities having fuel combustion emission sources with a total rated heat input
263 exceeding 2.9 MW (10 MMbtu/hr) burning coal or fuel oil, other than those
264 sources exempted from permit requirements by 35 Ill. Adm. Code 201.146(c).
265
- 266 c) Facilities emitting more than 91 Mg/yr or 249 kg per operating day (100 tons per
267 year or 550 pounds per operating day) of sulfur dioxide, carbon monoxide,
268 nitrogen oxides, particulate matter, organic material, or any other air contaminant
269 designated by the Agency as harmful to human health.
270
- 271 ~~D~~d) Governmental or commercial installations established primarily to burn refuse.
272
- 273 e) Parking lots in major metropolitan areas with spaces for more than 200 vehicles.
274 However, this excludes lots predominantly serving residences; medical facilities;
275 rail, bus, and air transportation terminals; grocery stores and pharmacies; lots
276 provided by employers primarily for their employees; and comparable lots
277 designated by the Agency.
278
- 279 f) Fleet vehicle operations of 50 or more vehicles in a major metropolitan area,
280 except those used to deliver grocery, pharmaceutical, and medical products.
281
- 282 g) Local, State, and federal government agencies employing more than 100
283 employees in a major metropolitan area.
284
- 285 h) State, county, and municipal offices responsible for road repair in a major
286 metropolitan area.
287

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288 ~~h-1~~ Other governmental, industrial, or commercial establishments or activities
289 classified by the Agency as significant direct or indirect sources of air
290 contaminant emissions.
291

292 (Source: Amended at 50 Ill. Reg. _____, effective _____)
293

294 **Section 244.143 Submission of Plans**
295

- 296 a) Plans required by this rule must be submitted to:
297
- 298 1) The Agency, for facilities in Illinois outside of Cook County.
299
 - 300 2) The Cook County Department of Environment and Sustainability, for
301 facilities in Cook County and outside of the City of Chicago.
302
 - 303 3) The Chicago Office of Sustainability, for facilities within the City of
304 Chicago.
305
- 306 b) At any time after the effective date of this Part, the Agency may request plans
307 from all persons required to submit plans, or a local agency above may request
308 plans from persons required to submit plans to that local agency. In these cases,
309 plans must be submitted to the requesting agency within 30 days after receiving
310 written notification that the plans must be submitted.
311
- 312 c) If any person required to submit a plan or revise a plan fails to submit a plan or
313 revise a plan satisfactory to the Agency, the Agency may file a formal complaint
314 with the Pollution Control Board under applicable portions of the Act.
315
- 316 d) Facilities with operational changes invalidating plans must within 30 days of
317 those changes submit a new plan for Agency approval.
318

319 (Source: Amended at 50 Ill. Reg. _____, effective _____)
320

321 **Section 244.144 Contents of Plans**
322

- 323 a) Plans must list all significant sources of air contaminants within the facility; must
324 describe how the facility will reduce contaminant emissions during yellow alert,
325 red alert, and emergency; and must specify the approximate magnitude of
326 emission reductions the facility will achieve.
327
- 328 b) Plans for all electric power generating stations and for all facilities in the Chicago,

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329 Peoria, or St. Louis (Illinois) major metropolitan areas with fuel combustion
330 emission sources required to take action during yellow alert to reduce sulfur
331 dioxide emissions must specify either how the facility will assure a supply of low
332 sulfur fuel adequate for at least four days operation, or an emissions reduction
333 plan to lower sulfur dioxide emissions to the amount that would be discharged if
334 the facility switched to low sulfur fuel.
335

336 c) Plans for parking lots must list the major facilities serviced by the lot, the total
337 parking capacity, and the estimated average number of vehicles using the lot each
338 day. Plans must describe how the lot's operator will implement an orderly
339 curtailment of parking on the first day and closure on the second calendar day of
340 the applicable alert, including a method for preventing unauthorized use of the lot.
341 If the lot services grocery stores, pharmacies, medical offices or clinics, or other
342 essential facilities designated by the Agency, the plan must include procedures to
343 allow employees and patrons of those facilities to use the lot.
344

345 d) Plans for fleet vehicle operations must include the numbers and types of vehicles
346 in the fleet and the estimated average number of vehicle miles operated in the
347 major metropolitan area to which the plan applies. Plans must describe how the
348 fleet's operator will implement an orderly curtailment of operations on the first
349 day and cessation on the second calendar day of the applicable alert. If fleet
350 vehicle operations include delivery of food, medicine, or perishable goods or
351 emergency or necessary maintenance services of any kind, plans must include
352 procedures to exempt those services from curtailment and cessation.
353

354 e) Plans for government agencies must include types of services rendered, number
355 and location of employees engaged in such services, and the estimated number of
356 employees driving to offices or driving in performance of the services. Plans
357 must include how the agency will implement orderly cessations of non-essential
358 services to meet the requirements of Appendix D. Where government agencies
359 are engaged in essential services, plans must indicate the nature and magnitude of
360 the services and procedures to exempt those services from cessation during any
361 alert or emergency.
362

363 (Source: Amended at 50 Ill. Reg. , effective)
364

365 **Section 244.145 Processing Procedures**
366

367 a) Local agencies designated to receive and evaluate episode action plans required
368 by this Part must file those plans with the Agency within 30 days after receiving
369 them.

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b) If any plan does not conform with or effectively implement the requirements of this Part, the Agency must disapprove the plan, state the reasons for disapproval, and require the plan to be revised.

c) During alerts or emergencies, plans required by this Part must be made available at the facility in question to any person authorized to carry out the provisions of this Part.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART D: EPISODE STAGES

Section 244.162 Criteria for Declaring an Advisory

The Director or their designated representative must declare an air pollution advisory whenever:

- a) An air stagnation advisory is received for any area within the State; or
- b) Any advisory or yellow alert level is equaled or exceeded at any monitoring station; and
- c) Atmospheric conditions or expected contaminant emissions are such that concentrations can reasonably be expected to remain at or above the advisory or yellow alert level for 24 or more hours; or
- d) For ozone, atmospheric conditions or expected contaminant emissions are such that concentrations can reasonably be expected to reoccur at any advisory or yellow alert level on the following calendar day.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 244.163 Criteria for Declaring a Yellow Alert

The Director or their designated representative must declare a yellow alert whenever:

- a) Any yellow alert level is equaled or exceeded at any monitoring station; and
- b) An air pollution advisory has been in effect for four hours in the area for which the yellow alert is to be declared; and

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- 411 c) Atmospheric conditions or expected contaminant emissions are such that
- 412 concentrations can reasonably be expected to remain at or above the yellow alert
- 413 level for 12 or more hours; or
- 414
- 415 d) For ozone, atmospheric conditions or expected contaminant emissions are such
- 416 that concentrations can reasonably be expected to reoccur at a yellow alert level
- 417 on the following calendar day.
- 418

419 (Source: Amended at 50 Ill. Reg. , effective)

421 **Section 244.164 Criteria for Declaring a Red Alert**

422 The Director or their designated representative must declare a red alert whenever:

- 423 a) Any red alert level is equaled or exceeded or any yellow alert level has been
- 424 equaled or exceeded continuously for the preceding 24-hour period at any
- 425 monitoring station; and
- 426
- 427 b) A yellow alert has been in effect for four hours in the area for which the red alert
- 428 is to be declared; and
- 429
- 430 c) Atmospheric conditions or expected contaminant emissions are such that
- 431 concentrations can reasonably be expected to persist for 12 or more hours; or
- 432
- 433 d) For ozone, atmospheric conditions or expected contaminant emissions are such
- 434 that concentrations can reasonably be expected to reoccur at a red alert level on
- 435 the following calendar day.
- 436
- 437
- 438

439 (Source: Amended at 50 Ill. Reg. , effective)

441 **Section 244.165 Criteria for Declaring an Emergency**

442 The Director or their designated representative must declare an emergency whenever:

- 443 a) Any emergency level is equaled or exceeded or any red alert level has been
- 444 equaled or exceeded continuously for the preceding 24-hour period at any
- 445 monitoring station; and
- 446
- 447 b) A red alert has been in effect for 12 hours in the area for which the emergency is
- 448 to be declared; and
- 449
- 450
- 451

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452 c) Atmospheric conditions or expected contaminant emissions are such that
453 concentrations can reasonably be expected to persist or increase for 12 or more
454 hours; or
455

456 d) For ozone, atmospheric conditions or expected contaminant emissions are such
457 that concentrations can reasonably be expected to reoccur at an emergency level
458 on the following calendar day.
459

460 (Source: Amended at 50 Ill. Reg. , effective)
461

462 **Section 244.166 Criteria for Terminating Advisory, Alert, and Emergency**
463

464 The Director or their designated representative must terminate any advisory, alert, or emergency
465 stage when the applicable level in Section 244.161 no longer prevails and in their judgment
466 atmospheric conditions and expected contaminant emissions warrant discontinuing or lowering
467 that advisory, alert, or emergency stage.
468

469 (Source: Amended at 50 Ill. Reg. , effective)
470

471 **Section 244.167 Episode Stage Notification**
472

473 Whenever an advisory, alert, or emergency stage is declared or terminated, the Agency or local
474 agency designated by the Agency must notify:
475

476 a) Concerned personnel of the Agency and of federal, local, and other State
477 agencies;
478

479 b) Facilities required to make preparations or take actions of major emission
480 reducing consequence; and
481

482 c) The public by radio, television, and other means of rapid communication.
483

484 (Source: Amended at 50 Ill. Reg. , effective)
485

486 **Section 244.168 Contents of Episode Stage Notification**
487

488 Notifications must contain time and date of issuance; the names of agencies or persons
489 responsible for issuance; and the beginning and expected ending time of any advisory, alert, or
490 emergency stage. Notifications must also contain details about the pollutant or pollutants for
491 which notification is made, such as maximum pollutant levels reached and predicted;
492 geographical areas affected; specific pollution-reducing instructions to the public and direct or

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493 indirect sources of air contaminants; and advice to persons who may be affected by the elevated
494 pollution levels.

495
496 (Source: Amended at 50 Ill. Reg. _____, effective _____)
497

498 **Section 244.169 Actions During Episode Stages**
499

500 a) Advisory Actions. When an air pollution advisory is in effect, the Agency and
501 other agencies designated by the Agency must:

502
503 1) Coordinate their activities and place their operational staffs in a state of
504 increased readiness, except that, for an ozone advisory, the Agency need
505 not monitor on a 24-hour basis.

506
507 2) Promptly verify the operation of their air monitoring instrument networks,
508 and monitor data from their instrument networks during all periods when
509 there is reasonable likelihood of yellow alert levels occurring.

510
511 3) Evaluate atmospheric conditions and contaminant emissions data, and
512 monitor changes in these conditions and data during all periods when there
513 is reasonable likelihood of yellow alert levels occurring.
514

515 b) Yellow Alert, Red Alert, and Emergency Actions. When a yellow alert, red alert,
516 or emergency is in effect, personnel of the Agency, local agencies designated by
517 the Agency, direct and indirect emission sources, and other persons required to
518 take actions according to this Part must take all actions required of them in
519 Appendix D, to the extent that these actions apply to the declared episode stage
520 and contaminant for which the episode stage has been declared.

521
522 1) Actions by local agencies designated by the Agency must comply with
523 their episode operations plan if the Agency has approved a plan.

524
525 2) Actions by direct or indirect sources of emissions must comply with their
526 episode action plan if the Agency has approved a plan.
527

528 (Source: Amended at 50 Ill. Reg. _____, effective _____)

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

530
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Section 244.APPENDIX A:— Rule into Section Table (Repealed)



533
534

(Source: Repealed at 50 Ill. Reg. , effective)

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

536 **Section 244.APPENDIX B:— Section into Rule Table (Repealed)**

537



538

539

(Source: Repealed at 50 Ill. Reg. , effective)

POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS

541 Section 244.APPENDIX D:— Required Emission Reduction ~~Actions~~¹Actions¹ for Sulfur
542 Dioxide, PM₁₀, Nitrogen Dioxide, and Carbon Monoxide
543

544 YELLOW ALERT
545

- 546 1) The Agency must notify the public by radio, television, or both that a Yellow Alert is in
547 effect; that the public is required to take action in accordance with these regulations; that
548 the public is requested to avoid the unnecessary use of automobiles and electricity; and
549 that persons suffering from respiratory or heart conditions should take appropriate
550 precautions.
551
- 552 2) Electric power generating stations must effect the maximum feasible reduction of
553 emissions by using fuels which have low ash content and less than 1.0% sulfur by weight
554 (1.5% in the case of fuel oil); by limiting soot blowing and boiler lancing, where
555 essential, to periods of maximum atmospheric turbulence; by diverting power generation
556 to stations outside the area for which the Alert is in effect; or by any other means
557 approved by the Agency. Additionally, emissions from these stations must not exceed
558 the applicable emission standards and limitations of 35 Ill. Adm. Code 214. These
559 actions will comply with the Yellow Alert Plan if the plan has been approved for that
560 station.
561
- 562 3) Facilities which have fuel combustion emission sources with a total rated capacity
563 exceeding 10 million btu/hr and burn coal, fuel oil, or both must reduce emissions by
564 ~~using~~utilizingusing fuels which have low ash content and less than 1.0% sulfur weight
565 (1.5% in the case of fuel oil); by limiting soot blowing and boiler lancing, where
566 essential, to periods of high atmospheric turbulence; or by any other means approved by
567 the Agency. If fuels of low ash and sulfur content are not available, these facilities, with
568 the exemption of residences, hospitals, and other essential facilities designated by the
569 Agency, must curtail fuel burning to the maximum degree consistent with avoiding injury
570 to persons or severe damage to property. Additionally, emissions from these facilities
571 must not exceed the applicable emissions standards and limitations of 35 Ill. Adm. Code
572 214. These actions will comply with the Yellow Alert Plan if the plan has been approved
573 for that facility.
574
- 575 4) Facilities engaged in manufacturing required to submit Yellow Alert plans must curtail or
576 defer production and allied operations to the extent necessary to avoid emissions
577 exceeding what would be discharged if the facility were operated in compliance with
578 regulatory limitations;
579

580 ¹During each stage, only those actions which cause a reduction of emissions of contaminants for
581

POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS

582 which such stage has been declared are required. Cf 35 Ill. Adm. Code 244.102 through 244.109
583 and 244.168(b).

584
585 to the extent that these reductions can be achieved without creating injury to persons or
586 severe damage to property. These reductions must be made despite any variance or
587 program of delayed compliance with the regulations and must be in accord with the
588 Yellow Alert plan if the plan has been approved for that facility.
589

590 5) All open burning and all incineration except as provided below are prohibited. Certain
591 burning of explosive or pathological wastes may be exempted from this restriction by the
592 Agency in writing upon specific written application.
593

594 6) Incinerators meeting the emission standards and limitations of this Chapter may be
595 operated only during the hours of maximum atmospheric turbulence as designated by the
596 Agency.
597

598 ~~1** During each stage, only those actions which cause a reduction of emissions of~~
599 ~~contaminants for which such stage has been declared are required. Cf 35 Ill.~~
600 ~~Adm. Code 244.102 through 244.109 and 244.168(b).~~

RED ALERT

601
602
603
604 1) All actions required during the Yellow Alert must be continued.
605

606 2) The Agency must notify the public by radio, television, or both that a Red Alert is in
607 effect; that the public is required to take action in compliance with these regulations; that
608 the public is requested to avoid the unnecessary use of automobiles and electricity; and
609 that persons suffering from respiratory or heart conditions should take appropriate
610 precautions.
611

612 3) All incineration and all open burning are prohibited. Certain burning of explosive or
613 pathological wastes may be exempted from these restrictions by the Agency in writing
614 upon specific written application.
615

616 4) Facilities engaged in manufacturing and required to submit Red Alert Plans must curtail
617 any production, including the generation of process steam, which emits contaminants into
618 the atmosphere, to the greatest extent possible without causing injury to persons or severe
619 damage to equipment. The action must comply with the Red Alert Plan if the plan has
620 been approved for that facility.
621

EMERGENCY

622

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

- 623
624
625 1) All actions required during the Yellow Alert and Red Alert must be continued.
626
627 2) The unnecessary use of electricity, such as for decorative or amusement purposes, is
628 prohibited.
629
630 3) The use of motor vehicles is prohibited except for essential uses, such as police, fire, and
631 health services; delivery of food or essential fuel; waste collection; utility or pollution
632 control emergency repairs; and comparable uses designated by authorized Highway and
633 Law Enforcement Officials in compliance with the Illinois Emergency Highway Traffic
634 Regulations Plan.
635
636 4) All aircraft flights leaving the area of the Emergency are forbidden except for reasons of
637 public health or safety approved by the Agency in advance.
638
639 5) Buildings must be heated to temperatures no greater than 65 ~~°F~~^{°F}, except for hospitals
640 and for other buildings approved by the Agency for reasons of health or severe damage to
641 property.
642
643 6) All manufacturing activities must be curtailed to the greatest extent possible without
644 causing injury to persons or severe damage to equipment.
645
646 7) All facilities or activities below must immediately cease operations:
647
648 a) Mining and quarrying, contract construction work, and wholesale trade
649 establishments.
650
651 b) Schools, except elementary schools which must close at the end of the normal
652 school day and not re-open until the Emergency is terminated.
653
654 c) Government agencies, except those needed to administer air pollution alert
655 programs and other essential agencies determined by Agency to be vital for public
656 safety and welfare.
657
658 d) Retail trade stores, except those dealing primarily in the sale of food or
659 pharmacies.
660
661 e) Real estate agencies, insurance offices, and similar business.
662
663 f) Laundries, cleaners and dryers, beauty and barber shops, and photographic

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

- 664 studios.
665
666 g) Amusement and recreational service establishments, such as motion picture
667 theaters.
668
669 h) Automobile repair and automobile service garages.
670
671 i) Advertising offices, consumer credit reporting, adjustment and collecting
672 agencies, printing and duplicating services, rental agencies, and commercial
673 testing laboratories.
674

675 REQUIRED EMISSION REDUCTION ACTIONS
676 – OZONE –
677

- 678 1. GENERAL
679 Yellow Alert – All Advisory Actions continue.
680 Government officials, public, and submitters of Action Plans notified.
681
682 Red Alert – All Advisory and Yellow Alert actions continue.
683 Government officials, public, and submitters of Action Plans notified.
684
685 Emergency – All Advisory, Yellow Alert, and Red Alert actions continue.
686 Government officials, public, and submitters of Action Plans notified.
687
688 2. VEHICLES PARKING LOTS ROAD REPAIRS
689
690 Yellow Alert – Public requested to avoid the unnecessary use of automobiles.
691
692 Red Alert – Fleet vehicles, other than mass transit vehicles and vehicles used for the
693 delivery of grocery and pharmaceutical products; essential fuel; emergency medical
694 services; and comparable uses designated by the Agency, must immediately curtail
695 operations to the greatest extent possible in or into the area affected by the Red Alert and
696 cease operations on the second calendar day of the Alert.
697
698 Parking lots for more than 200 vehicles, except for lots predominately serving residences;
699 grocery stores; medical facilities; rail, bus, and air transportation terminals; lots provided
700 by employers primarily for employees; and comparable lots designated by the Agency,
701 must immediately curtail operations and close on the second calendar day of the Alert.
702
703 Road repair and maintenance not necessary for immediate safety and which, if
704 suspended, will expedite the flow of vehicular traffic is prohibited.

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NOTICE OF PROPOSED AMENDMENTS~~

705
706 Emergency – Motor vehicle operation in or into the area affected by the Emergency is
707 prohibited, except for essential uses such as police, fire, and health services, and
708 comparable uses designated by the Illinois Emergency Highway Traffic Regulation Plan.
709 All aircraft flights leaving the area of the Emergency are forbidden except for reasons of
710 public health or safety.

711
712 3. MANUFACTURING AND OTHER FACILITIES HAVING PROCESS EMISSION
713 SOURCES
714

715 Yellow Alert – Facilities engaged in manufacturing must review operations and Action
716 Plans, inspect emission control devices, determine areas of delayable operations, and
717 from these steps revise operations to cause greatest feasible reduction in emissions, short
718 of adversely affecting normal production.
719

720 Red Alert – All facilities with process or fuel combustion emission sources emitting more
721 than 100 tons per year or 550 pounds per operating day of organic material or nitrogen
722 oxides, and all other facilities not in compliance with the organic material and nitrogen
723 oxides emissions standards of Part 2 of this Chapter, must curtail all such sources to the
724 greatest extent possible short of causing injury to persons, severe damage to equipment,
725 or an increase in emissions.
726

727 Emergency – All operations must be curtailed to the greatest extent possible, short of
728 causing injury to persons or severe damage to equipment.
729

730 4. ELECTRIC POWER GENERATORS AND USERS
731

732 Yellow Alert – Electric power generating stations burning fossil fuels are requested to
733 reduce emissions in and into the affected area to the greatest extent practicable by
734 adjusting operations system-wide or by any other means approved by the Agency.
735

736 The public is requested to avoid unnecessary use of electricity.
737

738 Red Alert – Electric power generating stations burning fossil fuels are required to take all
739 Yellow Alert Actions, discontinue power generation for economy sales and service to
740 interruptible customers, and maximize purchase of available power.
741

742 Unnecessary use of electricity, such as for decorative or advertising purposes, is
743 prohibited.
744

745 Emergency – Electric power generating stations burning fossil fuel must continue Yellow

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

746 Alert and Red Alert actions and, in addition, effect the maximum feasible reduction of
747 emissions by reducing voltage 2.5% system-wide, purchasing all available emergency
748 power, and requesting large customers (500 kw) to reduce their electric demand, or by
749 any other means approved by the Agency.
750

751 5. OFFICES, BUILDINGS, AND OTHER COMMERCIAL AND SERVICES
752 OPERATIONS
753

754 Yellow Alert – The public is requested to limit space heating to 65 ~~°F~~°F and air
755 conditioning to 80 ~~°F~~°F.
756

757 Red Alert – Heating for public, industrial, and commercial spaces is limited to 65 ~~°F~~°F
758 and air conditioning to 80 ~~°F~~°F, except for hospitals and other buildings approved by the
759 Agency.
760

761 Governmental agencies, except those needed to administer essential programs, must
762 close.
763

764 Schools must close except elementary schools, which close at the end of the normal
765 school day and do not reopen until the Alert is terminated.
766

767 Loading more than 250 gallons of volatile organic material into any stationary tank,
768 railroad tankcar, tank truck, or tank trailer is prohibited, except where it is an integral part
769 of an industrial operation allowed during Red Alert.
770

771 Emergency – All facilities or activities below must immediately cease operation; mining
772 and quarrying; contract construction work; wholesale trade establishments; retail trade
773 stores, except those dealing primarily in the sale of food or pharmaceuticals; real estate
774 agencies, insurance offices and similar businesses; laundries, cleaners, and dryers; beauty
775 and barber shops; photographic studios; amusement and recreational service
776 establishments such as motion picture theaters; automobile repair and automobile service
777 garages; advertising offices; consumer credit reporting and adjustment and collection
778 agencies; printing and duplicating services; rental agencies; and commercial testing
779 laboratories.
780

781 6. REFUSE BURNERS
782

783 Yellow Alert – Governmental or commercial installations established primarily to burn
784 refuse must postpone delayable incinerations. All other incineration and all open burning
785 are prohibited.
786

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Red Alert – All incineration is prohibited.

(Source: Amended at 50 Ill. Reg. , effective)

Summary report:	
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~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED AMENDMENTS~~

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER I: AIR QUALITY STANDARDS AND EPISODES

PART 245
ODORS

9	Section	
10	245.100	Definitions
11	245.101	Incorporation by Reference
12	245.120	Inedible Rendering Process
13	245.121	Objectionable Odor Nuisance Determination

14
15 245. ~~Appendix~~ APPENDIX A Rule into Section Table (Repealed)
16 245. ~~Appendix~~ APPENDIX B Section into Rule Table (Repealed)

17
18 AUTHORITY: Implementing Section 10 and authorized by Section 27 of the Environmental
19 Protection Act [415 ILCS 5/10, 27].

20
21 SOURCE: Adopted as Chapter 2: Air Pollution, Part VIII: Odors in R71-23, 4 PCB 191, filed
22 and effective April 14, 1972; codified at 7 Ill. Reg. 13635; amended in R18-21 at 50 Ill. Reg.
23 , effective .

24
25 **Section 245.100 Definitions**

26
27 "Animal and marine matter" means any product or derivative of animal life.

28
29 "Food service establishment" means any fixed or mobile restaurant; coffee shop;
30 cafeteria; short order cafe; luncheonette; grill; tea room; sandwich shop; soda
31 fountain; tavern; bar; cocktail lounge; nightclub; roadside stand; industrial feeding
32 establishment; private, public, or non-profit organization or institution routinely
33 serving food; catering kitchen; commissary or similar place in which food is
34 placed for sale or served on the premises or elsewhere; or any other eating or
35 drinking establishment or operation where food is served or provided for the
36 public, with or without charge.

37
38 "Odor concentration" means the number of cubic feet that one cubic foot of
39 sample will occupy when diluted to the odor threshold. It is a measure of the
40 number of odor units in one cubic foot of the sample. It is expressed in odor units
41 per cubic foot.

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"Odor unit" means one cubic foot of air at the odor threshold.

"Person" means any individual, partnership, co-partnership, firm, company, corporation, association, joint stock company, trust, estate, political subdivision, state agency, or any other legal entity, or their legal representative, agent, or assigns.

"Process" means any action, operation, or treatment and the equipment used in connection with it, and all methods or forms of manufacturing or processing that may emit smoke, particulate matter, or gaseous matter.

"Rendering" means any heating process, including cooking, drying, dehydrating, digesting, evaporating, and protein concentrating of animal or marine matter.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 245.101 Incorporation by Reference

The following is incorporated by reference: "Quantitative Odor Measurement" by John L. Mills, et al., Journal of the Air Pollution Control Association, 13:10, October 1963, pages 467-475.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 245.120 Inedible Rendering Process

- a) This Part does not apply to any device, machine, equipment, or other contrivance used only for the processing of food for human consumption and to food service establishments.
- b) A person must not operate or use any device, machine, equipment, or other contrivance for the inedible rendering of animal or marine matter unless all gases, vapors, and gas entrained effluents from these processes are controlled to effectively abate any objectionable odor nuisance. If the rendering processes of more than one company contribute to the objectionable odor nuisance, abatement will be deemed effective when the odor concentration from each process is at most 120 odor units/cubic foot, as determined by Mills adaptation of ASTM D-1391-57.
- c) An objectionable odor nuisance exists when a trained state inspector, after receiving a complaint from one resident or property owner in the area affected,

~~POLLUTION CONTROL BOARD
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determines that these odors cause a nuisance under Section 245.121.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 245.121 Objectionable Odor Nuisance Determination

An objectionable odor nuisance exists:

- a) On or adjacent to residential, recreational, institutional, retail sales, hotel, or educational premises when odor is detectable in the ambient air after it is diluted with eight volumes of odor-free air, as measured by the Scentometer;
- b) On or adjacent to industrial premises when odor is detectable in the ambient air after it is diluted with 24 volumes of odor-free air, as measured by the Scentometer;
- c) On or adjacent to premises other than those under subsection (a) or (b) when odor is detectable in the ambient air after it is diluted with 16 volumes of odor-free air, as measured by the Scentometer;
- d) When concurrent determinations made by three trained inspectors under subsection (a), (b), or (c) in any given one-hour period and at intervals of at least 15 minutes result in two positive determinations in each series of three determinations; and
- e) If any quantitative odor level measurements taken to determine that an objectionable odor nuisance exists is at or beyond the property line or at or near places where people live or work.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 245.~~Appendix~~APPENDIX A Rule into Section Table (Repealed)



(Source: Repealed at 50 Ill. Reg. _____, effective _____)

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119 Section 245.~~Appendix~~APPENDIX B Section into Rule Table (Repealed)
120



121
122 (Source: Repealed at 50 Ill. Reg. _____, effective _____)
123
125

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~~POLLUTION CONTROL BOARD
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TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER m: MONITORING REQUIREMENTS

PART 249
ETHYLENE OXIDE AMBIENT AIR MONITORING (REPEALED)

9	Section	
10	249.100	Purpose
11	249.105	Monitoring Locations
12	249.110	Ethylene Oxide Ambient Air Monitoring Requirements
13	249.115	Monitoring Results
14	249.120	Sunset Provisions

16 AUTHORITY: Implementing Section 9.16, and authorized by Sections 27 and 28, of the
17 Environmental Protection Act [415 ILCS 5/9.16, 27~~5~~₂, and 28].

19 SOURCE: Adopted in R20-18 at 45 Ill. Reg.1696, effective January ~~25~~21, 2021; repealed in
20 R18-21 at 50 Ill. Reg. , effective .

22 **Section 249.100 Purpose**

24 The purpose of this Part is to set forth the manner in which the Agency must conduct ambient air
25 monitoring of ethylene oxide in accordance with the requirements in Section 9.16 of the
26 Environmental Protection Act [415 ILCS 5/9.16].

28 **Section 249.105 Monitoring Locations**

30 The Agency must monitor ethylene oxide levels in the ambient air in or around the following
31 locations in Illinois under the requirements of Section 249.110:

- 33 a) Northbrook;
- 34
- 35 b) Schiller Park;
- 36
- 37 c) Nilwood;
- 38
- 39 d) Alton; and
- 40
- 41 e) Bondville.

~~POLLUTION CONTROL BOARD
NOTICE OF PROPOSED REPEALER~~

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Section 249.110 Ethylene Oxide Ambient Air Monitoring Requirements

- a) The Agency must conduct ambient air monitoring for ethylene oxide in or around each location specified in Section 249.105 for a period of six consecutive calendar months. During that time frame, the Agency must collect a sample every 12 days. Each sample must be collected over a period of approximately 24 hours.
- b) The six-month monitoring period must commence no later than one year after January 25, 2021.
- c) The Agency must comply with all applicable USEPA regulations and guidelines for ambient air monitoring.

Section 249.115 Monitoring Results

The Agency must make the ethylene oxide ambient air monitoring results publicly available on the Agency's website within 30 days of receipt of each set of quality assured data.

Section 249.120 Sunset Provisions

The provisions of this Part will no longer apply 24 months after January 25, 2021.

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1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER a: PERMITS AND GENERAL PROVISIONS

5
6 PART 201
7 PERMITS AND GENERAL PROVISIONS

8
9 SUBPART A: DEFINITIONS

10
11 Section
12 201.101 Other Definitions
13 201.102 Definitions
14 201.103 Abbreviations and Units
15 201.104 Incorporations by Reference

16
17 SUBPART B: GENERAL PROVISIONS

18
19 Section
20 201.121 Existence of Permit No Defense
21 201.122 Proof of Emissions
22 201.123 Burden of Persuasion Regarding Exceptions
23 201.124 Annual Report (Repealed)
24 201.125 Severability
25 201.126 Repealer

26
27 SUBPART C: PROHIBITIONS

28
29 Section
30 201.141 Prohibition of Air Pollution
31 201.142 Construction Permit Required
32 201.143 Operating Permits for New Sources
33 201.144 Operating Permits for Existing Sources
34 201.146 Exemptions from State Permit Requirements
35 201.147 Former Permits (Repealed)
36 201.148 Operation Without Compliance Program and Project Completion Schedule
37 (Repealed)
38 201.149 Operation During Malfunction, Breakdown or Startups
39 201.150 Circumvention
40 201.151 Design of Effluent Exhaust Systems

41
42 SUBPART D: PERMIT APPLICATIONS AND REVIEW PROCESS
43

44	Section	
45	201.152	Contents of Application for Construction Permit
46	201.153	Incomplete Applications (Repealed)
47	201.154	Signatures (Repealed)
48	201.155	Standards for Issuance (Repealed)
49	201.156	Conditions
50	201.157	Contents of Application for Operating Permit
51	201.158	Incomplete Applications
52	201.159	Signatures
53	201.160	Standards for Issuance
54	201.161	Conditions
55	201.162	Duration
56	201.163	Joint Construction and Operating Permits
57	201.164	Design Criteria (Repealed)
58	201.165	Hearings
59	201.166	Revocation
60	201.167	Revisions to Permits
61	201.168	Appeals from Conditions
62	201.169	Special Provisions for Certain Operating Permits
63	201.170	Portable Emission Units
64	201.175	Registration of Smaller Sources (ROSS)

SUBPART E: SPECIAL PROVISIONS FOR OPERATING PERMITS FOR CERTAIN SMALLER SOURCES

69	Section	
70	201.180	Applicability (Repealed)
71	201.181	Expiration and Renewal (Repealed)
72	201.187	Requirement for a Revised Permit (Repealed)

SUBPART F: CAAPP PERMITS

76	Section	
77	201.207	Applicability
78	201.208	Supplemental Information
79	201.209	Emissions of Hazardous Air Pollutants
80	201.210	Categories of Insignificant Activities or Emission Levels
81	201.211	Application for Classification as an Insignificant Activity
82	201.212	Revisions to Lists of Insignificant Activities or Emission Levels

SUBPART H: COMPLIANCE PROGRAMS AND PROJECT COMPLETION SCHEDULES

87	Section	
88	201.241	Contents of Compliance Program
89	201.242	Contents of Project Completion Schedule
90	201.243	Standards for Approval
91	201.244	Revisions
92	201.245	Effects of Approval
93	201.246	Records and Reports
94	201.247	Submission and Approval Dates

95

96 SUBPART I: MALFUNCTIONS, BREAKDOWNS OR STARTUPS

97

98 Section

99	201.261	Contents of Request for Permission to Operate During a Malfunction, Breakdown or Startup (Repealed)
100		
101	201.262	Standards for Granting Permission to Operate During a Malfunction, Breakdown or Startup (Repealed)
102		
103	201.263	Records and Reports (Repealed)
104	201.264	Continued Operation or Startup Prior to Granting of Operating Permit (Repealed)
105	201.265	Effect of Granting of Permission to Operate During a Malfunction, Breakdown or Startup (Repealed)

106

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SUBPART J: MONITORING AND TESTING

109

110 Section

111	201.281	Permit Monitoring Equipment Requirements
112	201.282	Testing
113	201.283	Records and Reports

114

115

SUBPART K: RECORDS AND REPORTS

116

117 Section

118	201.301	Records
119	201.302	Reports

120

121

SUBPART L: CONTINUOUS MONITORING

122

123 Section

124	201.401	Continuous Monitoring Requirements
125	201.402	Alternative Monitoring
126	201.403	Exempt Sources
127	201.404	Monitoring System Malfunction
128	201.405	Excess Emission Reporting
129	201.406	Data Reduction

130 201.407 Retention of Information
 131 201.408 Compliance Schedules

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133 SUBPART M: PERMIT BY RULE (PBR) –
 134 GENERAL PROVISIONS

135

136 Section

137 201.500 Purpose
 138 201.505 Applicability
 139 201.510 Notice of Intent to Be Covered By a PBR (Notification)
 140 201.515 Commencing Construction or Modification
 141 201.520 Modification or Change in Status of an Emission Unit Covered by a PBR
 142 201.525 Standard Conditions for PBR
 143 201.530 Recordkeeping and Reporting
 144 201.535 Authority to Operate
 145 201.540 Enforcement Authority

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147 SUBPART N: PERMIT BY RULE (PBR) –
 148 BOILERS LESS THAN OR EQUAL TO 100 MMBTU/HR

149

150 Section

151 201.600 Applicability
 152 201.605 Boiler Notice of Intent to Be Covered by a PBR (Notification)
 153 201.610 Federal NSPS and NESHAP Requirements
 154 201.615 Opacity Requirements
 155 201.620 Requirements for Use of Diesel Fuel and Refinery Fuel Gas
 156 201.625 Carbon Monoxide (CO) Requirements
 157 201.630 Nitrogen Oxide (NO_x) Requirements
 158 201.635 PBR Boiler Reporting Requirements

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160 201.APPENDIX A Rule into Section Table [\(Repealed\)](#)
 161 201.APPENDIX B Section into Rule Table [\(Repealed\)](#)
 162 201.APPENDIX C Past Compliance Dates [\(Repealed\)](#)

163

164 AUTHORITY: Implementing Sections 10, 39, 39.5, and 39.12 and authorized by Section 27 of
 165 the Environmental Protection Act [415 ILCS 5/10, 27, 39, 39.5, and 39.12].

166

167 SOURCE: Adopted as Chapter 2: Air Pollution, Part I: General Provisions, in R71-23, 4 PCB
 168 191, filed and effective April 14, 1972; amended in R78-3 and 4, 35 PCB 75 and 243, at 3 Ill.
 169 Reg. 30, p. 124, effective July 28, 1979; amended in R80-5, at 7 Ill. Reg. 1244, effective January
 170 21, 1983; codified at 7 Ill. Reg. 13579; amended in R82-1 (Docket A) at 10 Ill. Reg. 12628,
 171 effective July 7, 1986; amended in R87-38 at 13 Ill. Reg. 2066, effective February 3, 1989;
 172 amended in R89-7(A) at 13 Ill. Reg. 19444, effective December 5, 1989; amended in R89-7(B)

173 at 15 Ill. Reg. 17710, effective November 26, 1991; amended in R93-11 at 17 Ill. Reg. 21483,
174 effective December 7, 1993; amended in R94-12 at 18 Ill. Reg. 15002, effective September 21,
175 1994; amended in R94-14 at 18 Ill. Reg. 15760, effective October 17, 1994; amended in R96-17
176 at 21 Ill. Reg. 7878, effective June 17, 1997; amended in R98-13 at 22 Ill. Reg. 11451, effective
177 June 23, 1998; amended in R98-28 at 22 Ill. Reg. 11823, effective July 31, 1998; amended in
178 R02-10 at 27 Ill. Reg. 5820, effective March 21, 2003; amended in R05-19 and R05-20 at 30 Ill.
179 Reg. 4901, effective March 3, 2006; amended in R07-19 at 33 Ill. Reg. 11965, effective August
180 6, 2009; amended in R10-21 at 34 Ill. Reg. 19575, effective December 1, 2010; amended in R12-
181 10 at 35 Ill. Reg. 19790, effective December 5, 2011; amended in R13-18 at 38 Ill. Reg. 1005,
182 effective December 23, 2013; amended in R17-9 at 41 Ill. Reg. 4140, effective March 24, 2017;
183 amended in R23-18 at 47 Ill. Reg. 12089, effective July 25, 2023; amended in R22-17 at 49 Ill.
184 Reg. 6216, effective April 23, 2025; amended at 50 Ill. Reg. _____, effective _____.

185
186 SUBPART A: DEFINITIONS

187
188 **Section 201.101 Other Definitions**

- 189
190 a) Except as stated and unless a different meaning of a term is clear from its context,
191 the definitions ~~of terms used~~ in this Part ~~are~~ shall be the same as those ~~used~~ in the
192 Illinois Environmental Protection Act (415 ILCS 5) ~~(Act)~~.
193
194 b) All terms in this Part defined in 35 Ill. Adm. Code 211 ~~which appear in this Part~~
195 have the definitions inspecified by 35 Ill. Adm. Code 211.

196
197 (Source: Amended at 50 Ill. Reg. _____, effective _____)

198
199 **Section 201.102 Definitions**

200
201 "Air Contaminant" ~~means:-~~ any solid, liquid, or gaseous matter; any odor; or any
202 form of energy; that is capable of being released into the atmosphere from an
203 emission source.

204
205 "Air Pollution Control Equipment" ~~means:-~~ any equipment or facility of a type
206 intended to eliminate, prevent, reduce, or control the emission of specified air
207 contaminants to the atmosphere.

208
209 "Air Pollution" ~~means:-~~ the presence in the atmosphere of one or more air
210 contaminants in sufficient quantities and of such characteristics and duration as to
211 be injurious to human, plant, or animal life; ~~to~~ health; or ~~to~~ property; or to
212 unreasonably interfere with the enjoyment of life or property.

213
214 "Ambient Air" ~~means:-~~ that portion of the atmosphere external to buildings
215 comprising emission sources.

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"Ambient Air Quality Standard" ~~means: those standards promulgated from time to time~~ by the Pollution Control Board ~~under (Board) pursuant to authority contained in~~ the Act ~~and found~~ at 35 Ill. Adm. Code 243; or by the United States Environmental Protection Agency ~~under (USEPA) pursuant to authority contained in~~ 42 U.S.C. 7401 et seq. as amended from time to time.

"Clean Air Act" ~~or "CAA" means:-~~ the Clean Air Act of 1970, as amended, including the Clean Air Act Amendments of 1977, as amended (42 U.S.C. 7401 et seq.).

"Commence" ~~means:-~~ the act of entering into a binding agreement or contractual obligation to undertake and complete, within a reasonable time, a continuous program of construction or modifications.

"Construction" ~~means commencing:- commencement of~~ on-site fabrication, erection, or installation of an emission source ~~or of~~ air pollution control equipment.

"Emission Source" ~~means:-~~ any equipment or facility of a type capable of emitting specified air contaminants to the atmosphere.

"Existing Air Pollution Control Equipment" ~~means:-~~ any air pollution control equipment, the construction or modification which ~~has~~-commenced ~~before prior to~~ April 14, 1972.

"Existing Emission Source" ~~means:-~~ any emission source, the construction or modification of which ~~has~~-commenced ~~before prior to~~ April 14, 1972.

"Modification" ~~means:-~~ any physical change in, or change in the method of operations, of an emission source or ~~of~~ air pollution control equipment which increases the amount of any specified air contaminant emitted by ~~the such~~ source or equipment or which results in the emission of any specified air contaminant not previously emitted. It ~~is shall be~~ presumed that an increase in the use of raw materials, the time of operation, or the rate of production will change the amount of any specified air contaminant emitted. ~~Despite Notwithstanding~~ any other provisions of this definition, for ~~purposes of~~ permits issued ~~under pursuant to~~ Subpart D, the Illinois Environmental ~~Protection Agency (Agency)~~ may specify conditions under which an emission source or air pollution control equipment may be operated without causing a modification ~~under this definition as herein defined~~, and normal cyclical variations, before the date operating permits are required; ~~are shall~~ not be considered modifications.

259 "New Air Pollution Control Equipment" means- any air pollution control
260 equipment, the construction or modification of which is commenced on or after
261 April 14, 1972.

262
263 "New Emission Source" means- any emission source, the construction or
264 modification of which is commenced on or after April 14, 1972.

265
266 "Owner or Operator" means- any person who owns, leases, controls, or
267 supervises an emission source or air pollution control equipment.

268
269 "Person" means- any individual, corporation, partnership, firm, association, trust,
270 estate, public or private institution, group, agency, or political subdivision of this
271 State; any other State or political subdivision or agency thereof; or any legal
272 successor, representative, agent, or agency of the foregoing.

273
274 "PSD Increment" means- the maximum allowable increase over baseline
275 concentration of any air contaminant as determined by Section 163 of the
276 CAA Clean Air Act (42 U.S.C. 7473) and regulations adopted under it thereunder.

277
278 "Specified Air Contaminant" means- any air contaminant ~~for as to~~ which this
279 Subtitle contains emission standards or other specific limitations and any
280 contaminant regulated in Illinois under pursuant to Section 9.1 of the Illinois
281 Environmental Protection Act.

282
283 "Standard Industrial Classification Manual" means- the Standard Industrial
284 Classification Manual (1987)(1972), Superintendent of Documents, U.S.
285 Government Printing Office, Washington, D.C. 20402.

286
287 (Source: Amended at 50 Ill. Reg. _____, effective _____)

288
289 **Section 201.103 Abbreviations and Units**

290
291 a) This Part uses theThe following abbreviations ~~have been used in this Part~~:

Act	Illinois Environmental Protection Act
<u>AER</u>	<u>Annual Emissions Report</u>
Agency	Illinois Environmental Protection Agency
btu or Btu	British thermal units
CAA	Clean Air Act
CAAPP	Clean Air Act Permit Program
CO	Carbon monoxide
<u>CO₂</u>	<u>Carbon dioxide</u>
CO ₂ e	Carbon dioxide equivalent

gal	gallons
HAPs	hazardous air pollutants
hp	horsepower
hr	hour
gal/mo	gallons per month
gal/yr	gallons per year
kPa	kilopascals
kPa absolute	kilopascals absolute
kW	kilowatts
l	liters
<u>lbs</u>	<u>pounds</u>
Mg	megagrams
m ³	cubic meters
MM	million
MW	megawatts; one million watts
NESHAP	National Emission Standards for Hazardous Air Pollutants
<u>NMOC</u>	<u>nonmethane organic compounds</u>
NO _x	nitrogen oxide
NSPS	New Source Performance Standards
NSR	New Source Review
PBR	permit by rule
PM	particulate matter
PM ₁₀	particulate matter with an aerodynamic diameter less than or equal to 10 micrometers
PM _{2.5}	particulate matter with an aerodynamic diameter less than or equal to 2.5 micrometers
PSD	Prevention of Significant Deterioration
psi	pounds per square inch
psia	pounds per square inch absolute
ROSS	Registration of Smaller Sources
SO ₂	sulfur dioxide
<u>TPY</u>	<u>tons per year</u>
USEPA	United States Environmental Protection Agency
VOM	volatile organic material
yr	year

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b) This Part uses theThe following conversion factors ~~have been used in this Part~~:

English	Metric
1 gal	3.785 l
1,000 gal	3.785 m ³
1 hp	0.7452 kW

1MMBtu/hr 0.293 MW
 1 psi 6.897 kPa

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.104 Incorporations by Reference

The following materials are incorporated by reference. These incorporations ~~by reference~~ do not include any later amendments or editions:

- a) Standard Industrial Classification Manual ~~(1987)(1972)~~, Superintendent of Documents, U.S. Government Printing Office, Washington DC 20402.
- b) ASAE Standard ~~S248.3-MAR1976 (R2020) Construction and Rating of Equipment for Drying Farm Crops~~~~248.2, Section 9, Basis for Stating Drying Capacity of Batch and Continuous Flow Grain Dryers~~, American Society of Agricultural Engineers, 2950 Niles Road, St. Joseph, MI 49085.
- c) Prevention of Significant Deterioration of Air Quality, 40 CFR 52.21 ~~(2024)(2015)~~.
- d) Standards of Performance for New Stationary Sources, 40 CFR 60:
 - 1) Subpart A – General Provisions ~~(2024)(2015)~~;
 - 2) Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, Subpart Dc ~~(2024)(2015)~~;
 - 3) Appendix A-4, Reference Method 10 – Determination of Carbon Monoxide Emissions from Stationary Sources ~~(2024)(2015)~~; and
 - 4) Subpart Ja – Standards of Performance for Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007 ~~(2024)(2015)~~.
- e) National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63:
 - 1) Subpart A – General Provisions ~~(2024)(2015)~~;
 - 2) Subpart DDDDD – National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters ~~(2024)(2015)~~; and

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3) Subpart JJJJJ – National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources ~~(2015)~~(2024).

f) Requirements for Preparation, Adoption, and Submittal of Implementation Plans, 40 CFR 51, Appendix P: Minimum Emissions Monitoring Requirements (2024).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART B: GENERAL PROVISIONS

Section 201.121 Existence of Permit No Defense

The existence of a permit under this Part ~~is shall~~ not ~~constitute~~ a defense to a violation of the Act or any rule or regulation of this Chapter, except for construction or operation without a permit.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.122 Proof of Emissions

~~Despite Notwithstanding~~ other provisions of this Chapter, evidence that specified air contaminant emissions, as calculated on the basis of standard emission factors or other factors generally accepted ~~as true~~ by ~~those~~ persons engaged in the field of air pollution control, exceed the limitations ~~underprescribed by~~ this Chapter ~~constitutes shall constitute~~ adequate proof of a violation, in the absence of ~~establishing a showing~~ that actual emissions are in compliance.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.123 Burden of Persuasion Regarding Exceptions

In any proceeding ~~underpursuant to~~ this Chapter, if an exception ~~stated~~ in this Chapter would limit an obligation, limit a liability, or eliminate ~~either~~ an obligation or a liability, the person who would benefit from ~~the application of~~ the exception ~~has shall have~~ the burden of persuasion that the exception applies and that the terms of the exception have been met.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.124 Annual Report (Repealed)

~~The Agency shall annually prepare and submit to the Board an Air Contaminant Emission Report which lists the emission sources in the State for which an operating permit is required under this Part, describes the type, quantity and concentrations of the various specified contaminants being~~

380 ~~emitted and describes the existing and planned controls and the scheduled dates for completion~~
381 ~~of improvements.~~

382
383 (Source: Repealed at 50 Ill. Reg. _____, effective _____)
384

385 **Section 201.125 Severability**

386
387 If any provision of ~~this Chapter~~~~these rules or regulations is adjudged invalid~~, or ~~its~~if the
388 application ~~thereof~~ to any person or in any circumstance is adjudged invalid, ~~does such invalidity~~
389 ~~shall~~ not affect the validity of this Chapter as a whole or ~~any portion of any part, subpart,~~
390 ~~sentence or clause thereof~~ not adjudged invalid.

391
392 (Source: Amended at 50 Ill. Reg. _____, effective _____)
393

394 **Section 201.126 Repealer**

395
396 Each provision of the Rules and Regulations Governing the ~~Control~~~~control~~ of Air Pollution, as
397 amended August 19, 1969, applying to an emission source ~~will~~~~shall~~ remain in full force and
398 effect unless and until ~~that~~~~such~~ source is required to comply with a corresponding provision of
399 this Chapter.

400
401 (Source: Amended at 50 Ill. Reg. _____, effective _____)
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403 SUBPART C: PROHIBITIONS

404
405 **Section 201.141 Prohibition of Air Pollution**

406
407 ~~A~~~~No~~ person ~~must not~~~~shall~~ cause or threaten or allow the discharge or emission of any
408 contaminant into the environment in any State so as, either alone or in combination with
409 contaminants from other sources, to cause or tend to cause air pollution in Illinois, ~~or so as to~~
410 violate the provisions of this Chapter, or ~~so as to~~ prevent the attainment or maintenance of any
411 applicable ambient air quality standard.

412
413 (Source: Amended at 50 Ill. Reg. _____, effective _____)
414

415 **Section 201.142 Construction Permit Required**

416
417 ~~A~~~~No~~ person ~~must not~~~~shall~~ cause or allow the construction of any new emission source or any
418 new air pollution control equipment, or cause or allow the modification of any existing emission
419 source or air pollution control equipment, without first obtaining a construction permit from the
420 Agency, except ~~under Section~~~~as provided in Sections~~ 201.146 or ~~Section~~ 201.170(b) ~~of this Part~~.

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422 (Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 201.143 Operating Permits for New Sources

~~A~~~~No~~ person ~~must not~~~~shall~~ cause or allow the operation of any new emission source or new air pollution control equipment ~~of a type~~ for which a construction permit is required by Section 201.142 without first obtaining an operating permit from the Agency, except for ~~such~~ testing operations ~~as may be~~ authorized by the construction permit. Applications for operating permits ~~must~~~~shall~~ be made at ~~such~~ times and contain ~~such~~ information, ~~(in addition to the information required by Section 201.157,~~ as ~~shall be~~ specified in the construction permit.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.144 Operating Permits for Existing Sources

~~A~~~~No~~ person ~~must not~~~~shall~~ cause or allow the operation of any existing emission source or any existing air pollution control equipment without first obtaining an operating permit from the Agency, except as ~~exempted~~~~provided~~ in Section 201.146. ~~Appendix C lists dates~~~~Dates~~ on which permits were required ~~are shown in Appendix C.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.146 Exemptions from State Permit Requirements

Construction or operating permits ~~under,~~~~pursuant to~~ Sections 201.142, 201.143, and 201.144 ~~of this Part,~~ are not required for the classes of equipment and activities ~~listed below~~ in this Section. The permitting exemptions in this Section do not relieve the owner or operator of any source from any obligation to comply with any other applicable requirements, including the obligation to obtain a permit ~~under~~~~pursuant to~~ Sections 9.1(d) and 39.5 of the Act, ~~Sections~~~~sections~~ 165, 173, and 502 of the ~~CAA,~~~~Clean Air Act~~ or any other applicable permit or registration requirements.

- a) Air contaminant detectors or recorders, combustion controllers, or combustion shutoffs;
- b) Air conditioning or ventilating equipment not designed to remove air contaminants generated by or released from associated equipment;
- c) Each fuel burning emission unit for indirect systems and for heating and reheating furnace systems used exclusively for residential, or commercial establishments using gas, ~~and/or~~ fuel oil, ~~or both~~ exclusively with a design heat input capacity of less than 14.6 MW (50 MMBtu/hr), except that a permit ~~is~~~~shall be~~ required for any such emission unit with a design heat input capacity of at least 2,930 kW (10 MMBtu/hr) that was constructed, reconstructed, or modified after June 9, 1989,

- 466 and ~~that~~ is subject to 40 CFR 60, Subpart~~subpart~~ D;
- 467
- 468 d) Each fuel burning emission unit other than those ~~listed~~ in subsection (c) ~~of this~~
- 469 Section for direct systems used for comfort heating purposes and indirect heating
- 470 systems with a design heat input capacity of less than ~~2,930~~2930 kW (10
- 471 MMBtu/hr);
- 472
- 473 e) Internal combustion engines or boilers (including the fuel system) of motor
- 474 vehicles, locomotives, aircraft~~air- craft~~, watercraft, lift trucks,~~lifttrucks~~ and other
- 475 vehicles powered by nonroad engines;
- 476
- 477 f) Bench scale laboratory equipment and laboratory equipment used exclusively for
- 478 chemical and physical analysis, including associated laboratory fume hoods,
- 479 vacuum producing devices, and control devices installed primarily to address
- 480 potential accidental releases;
- 481
- 482 g) Coating operations located at a source using up to~~not in excess of~~ 18,925 l
- 483 (5,000 gal) of coating (including thinner) per year;
- 484
- 485 h) Any emission unit acquired exclusively for domestic use, except that a permit
- 486 is~~shall be~~ required for any incinerator and for any fuel combustion emission unit
- 487 using solid fuel with a design heat input capacity of 14.6 MW (50 MMBtu/hr) or
- 488 more;
- 489
- 490 i) Any stationary internal combustion engine with a rated power output of less than
- 491 1118 kW (1500 bhp) or stationary turbine, except that a permit is~~shall be~~ required
- 492 for ~~the following~~:
- 493
- 494 1) Any internal combustion engine with a rating ~~at~~ equal to or greater than
- 495 500 bhp output that is subject to ~~the control requirements of~~ 35 Ill. Adm.
- 496 Code 217.388(a) or (b); or
- 497
- 498 2) Any stationary gas turbine engine with a rated heat input at peak load of
- 499 10.7 gigajoules/hr (10 MMBtu/hr) or more that is constructed,
- 500 reconstructed, or modified after October 3, 1977, and ~~that is~~ subject to
- 501 requirements of 40 CFR 60, Subpart~~subpart~~ GG;
- 502
- 503 j) Rest room facilities and associated cleanup operations, and stacks or vents used to
- 504 prevent the escape of sewer gases through plumbing traps;
- 505
- 506 k) Safety devices designed to protect life and limb, if~~provided that~~ a permit is not
- 507 otherwise required for the emission unit with which the safety device is
- 508 associated;

- 509
 510 l) Storage tanks and fuel dispensing equipment that are both used ~~to dispense for the~~
 511 ~~dispensing of~~ fuel to mobile sources, including on-road and off-road vehicles, for
 512 use in ~~thesuch~~ mobile sources;
 513
 514 m) Printing operations with aggregate organic solvent usage that never exceeds 2,839
 515 l (750 gal) per year from all printing lines at the source, including organic solvent
 516 from inks, ~~diluentsdiluents~~, fountain solutions, and cleaning materials;
 517
 518 n) Storage tanks of:
 519
 520 1) Organic liquids with a capacity of less than 37,850 l (10,000 gal),
 521 ~~ifprovided~~ the storage tank is not used to store any amount of material or
 522 mixture of any material listed as a ~~HAP under Sectionhazardous air~~
 523 ~~pollutant pursuant to section~~ 112(b) of the ~~CAAClean Air Act~~;
 524
 525 2) Any size containing exclusively soaps, detergents, surfactants, waxes,
 526 glycerin, vegetable oils, greases, animal fats, sweetener, corn syrup,
 527 aqueous salt solutions, or aqueous caustic solutions, ~~ifprovided~~ an organic
 528 solvent has not been mixed with ~~thesuch~~ materials; or
 529
 530 3) Any size containing virgin or re-refined distillate oil (including kerosene
 531 and diesel fuel), hydrocarbon condensate from natural gas pipeline or
 532 storage systems, lubricating oil, or residual fuel oils;
 533
 534 o) Threaded pipe connections, vessel manways, flanges, valves, pump seals, pressure
 535 relief valves, pressure relief devices, and pumps;
 536
 537 p) Sampling connections used exclusively to withdraw materials for testing and
 538 ~~analysisanalyses~~;
 539
 540 q) All storage tanks of Illinois crude oil with capacity of less than 151,400 ~~l~~ (40,000
 541 gal) located on oil field sites;
 542
 543 r) All organic material-water single or multiple compartment effluent water
 544 separator facilities for Illinois crude oil of vapor pressure of less than 34.5 kPa
 545 absolute (5 psia);
 546
 547 s) Grain-handling operations, ~~excludingexclusive of~~ grain-drying operations, with an
 548 annual grain through-put not exceeding 300,000 bushels;
 549
 550 t) Grain-drying operations with a total grain-drying capacity not exceeding 750
 551 bushels per hour for 5% moisture extraction at manufacturer's rated capacity,

552 using the American Society of Agricultural Engineers Standard S248.3-
 553 MAR1976 (R2020), Construction and Rating of Equipment for Drying Farm
 554 Crops, incorporated by reference at Section 201.104(b)248.2, Section 9, Basis for
 555 Stating Drying Capacity of Batch and Continuous Flow Grain Dryers;

- 556
- 557 u) Portable grain-handling equipment and one-turn storage space;
- 558
- 559 v) Cold cleaning degreasers that are not in-line cleaning machines, where the vapor
 560 pressure of the solvents used never exceeds 2 kPa (15 mmHg or 0.3 psi) measured
 561 at 38 °C 38°C (100 °F 100°F) or 0.7 kPa (5 mmHg or 0.1 psi) at 20 °C 20°C (68
 562 °F 68°F);
- 563
- 564 w) Coin-operated dry cleaning operations;
- 565
- 566 x) Dry cleaning operations at a source that consume less than 30 gal gallons per
 567 month of perchloroethylene;
- 568
- 569 y) Brazing, soldering, wave soldering, or welding equipment, including associated
 570 ventilation hoods;
- 571
- 572 z) Cafeterias, kitchens, and other similar facilities, including smokehouses, used for
 573 preparing food or beverages, but not including facilities used for in the
 574 manufacturing and wholesale distribution of food, beverages, food or beverage
 575 products, or food or beverage components;
- 576
- 577 aa) Equipment for carving, cutting, routing, turning, drilling, machining, sawing,
 578 surface grinding, sanding, planing, buffing, sand blast cleaning, shot blasting, shot
 579 peening, or polishing ceramic artwork, leather, metals (other than beryllium),
 580 plastics, concrete, rubber, paper stock, wood, or wood products, where this such
 581 equipment is either:
 - 582
 - 583 1) Used for maintenance activity;
 - 584
 - 585 2) Manually operated;
 - 586
 - 587 3) Exhausted inside a building; or
 - 588
 - 589 4) Vented externally with emissions controlled by an appropriately operated
 590 cyclonic inertial separator (cyclone), filter, electrostatic
 591 precipitator, electro-static precipitor or a scrubber;
 - 592
- 593 bb) Feed mills that produce no more than 10,000 tons of feed per calendar year,
 594 if provided that a permit is not otherwise required for the source under pursuant to

- 595 Section 201.142, 201.143, or 201.144;
 596
 597 cc) Extruders used ~~to extrude for the extrusion of~~ metals, minerals, plastics, rubber, or
 598 wood, but excluding:
 599
 600 1) Extruders used ~~to manufacture in the manufacture of~~ polymers;
 601
 602 2) Extruders using foaming agents or release agents that contain
 603 ~~VOM volatile organic materials~~ or Class I or II substances subject to ~~the~~
 604 ~~requirements of~~ Title VI of the ~~CAA Clean Air Act~~; and
 605
 606 3) Extruders processing scrap material that was produced using foaming
 607 agents containing ~~VOM volatile organic materials~~ or Class I or II
 608 substances subject to ~~the requirements of~~ Title VI of the ~~CAA Clean Air~~
 609 ~~Act~~;
 610
 611 dd) Furnaces used ~~to melt for melting~~ metals, other than beryllium, with a brim full
 612 capacity of less than 450 cubic inches by volume;
 613
 614 ee) Equipment used ~~to melt or apply for the melting or application of~~ less than 22,767
 615 kg/yr (50,000 lbs/yr) of wax to which no organic solvent has been added;
 616
 617 ff) Equipment used ~~to fill for filling~~ drums, pails, or other packaging containers, but
 618 excluding aerosol cans, with soaps, detergents, surfactants, lubricating oils,
 619 waxes, vegetable oils, greases, animal fats, glycerin, sweeteners, corn syrup,
 620 aqueous salt solutions, or aqueous caustic solutions, ~~if provided~~ an organic solvent
 621 has not been mixed with ~~the such~~ materials;
 622
 623 gg) Loading and unloading systems for railcars, tank trucks, or watercraft that handle
 624 ~~the following liquid materials~~: soaps, detergents, surfactants, lubricating
 625 oils, waxes, glycerin, vegetable oils, greases, animal fats, sweetener, corn syrup,
 626 aqueous salt solutions, or aqueous caustic solutions, ~~if provided~~ an organic solvent
 627 has not been mixed with such materials;
 628
 629 hh) Equipment used ~~to mix and blend for the mixing and blending of~~ materials at
 630 ambient temperatures to make ~~water-based water-based~~ adhesives, ~~if provided~~ each
 631 material mixed or blended contains less than 5% organic solvent by weight;
 632
 633 ii) Die casting machines where a metal or plastic is formed under pressure in a die
 634 located at a source with a through-put of less than 2,000,000 lbs of metal or
 635 plastic per year, in the aggregate, from all die casting machines;
 636
 637 jj) Air pollution control devices used exclusively with other equipment that is

- 638 exempt from permitting ~~under, as provided in~~ this Section;
- 639
- 640 kk) (Reserved);
- 641
- 642 ll) Photographic process equipment by which an image is reproduced upon material
- 643 sensitized to radiant energy;
- 644
- 645 mm) Equipment used for hydraulic or hydrostatic testing;
- 646
- 647 nn) General vehicle maintenance and servicing activities conducted at a source, motor
- 648 vehicle repair shops, and motor vehicle body shops, but ~~excluding not including~~
- 649 motor vehicle refinishing;
- 650
- 651 oo) Equipment using water, water and soap, or detergent, or a suspension of abrasives
- 652 in water for ~~purposes of~~ cleaning or finishing, ~~if provided~~ no organic solvent has
- 653 been added to the water;
- 654
- 655 pp) Administrative activities, including, ~~but not limited to,~~ paper shredding, copying,
- 656 photographic activities, and blueprinting machines, ~~but excluding. This does not~~
- 657 ~~include~~ incinerators;
- 658
- 659 qq) Laundry dryers, extractors, and tumblers processing that have been cleaned with
- 660 water solutions of bleach or detergents that are:
- 661
- 662 1) Located at a source and process clothing, bedding, and other fabric items
- 663 used at the source, ~~if provided that~~ any organic solvent present in ~~thesuch~~
- 664 items before processing that is retained from cleanup operations ~~must shall~~
- 665 be addressed as part of the VOM emissions from use of cleaning
- 666 materials;
- 667
- 668 2) Located at a commercial laundry; or
- 669
- 670 3) Coin operated;
- 671
- 672 rr) Housekeeping activities for cleaning purposes, including collecting spilled and
- 673 accumulated materials ~~and operating, including operation of~~ fixed vacuum
- 674 cleaning systems specifically for ~~thesesuch~~ purposes, but ~~excluding not including~~
- 675 use of cleaning materials that contain organic solvent;
- 676
- 677 ss) Refrigeration systems, including storage tanks used in refrigeration systems, but
- 678 excluding any combustion equipment associated with ~~thesesuch~~ systems;
- 679
- 680 tt) Activities associated with the construction, on-site repair, maintenance, or

- 681 dismantlement of buildings, utility lines, pipelines, wells, excavations,
682 earthworks, and other structures that do not constitute emission units;
683
- 684 uu) Piping and storage systems for natural gas, propane, and liquefied petroleum gas;
685
- 686 vv) Water treatment or storage systems, as follows:
687
- 688 1) Systems for potable water or boiler feedwater;
 - 689
 - 690 2) Systems, including cooling towers, for process water, ~~if this provided that~~
691 ~~such~~ water has not been in direct or indirect contact with process streams
692 that contain ~~VOM~~ ~~volatile organic material or materials~~ listed as HAPs
693 under Section ~~hazardous air pollutants pursuant to section~~ 112(b) of the
694 CAA ~~Clean Air Act~~;
- 695
- 696 ww) Lawn care, landscape maintenance, and ~~groundskeeping~~ grounds-keeping
697 activities;
- 698
- 699 xx) Containers, reservoirs, or tanks used exclusively in dipping operations to coat
700 objects with oils, waxes, or greases, ~~if provided~~ no organic solvent has been mixed
701 with ~~these~~ such materials;
- 702
- 703 yy) Use of consumer products, including hazardous substances as that term is defined
704 in the Federal Hazardous Substances Act (15 USC 1261 et seq.), where the
705 product is used at a source in the same manner as normal consumer use;
- 706
- 707 zz) Activities directly used ~~to diagnose and treat~~ aim in the diagnosis and treatment of
708 disease, injury, or other medical condition;
- 709
- 710 aaa) Activities associated with the construction, repair, or maintenance of roads or
711 other paved or open areas, including operation of street sweepers, vacuum trucks,
712 spray trucks, and other vehicles related to the control of fugitive emissions of
713 ~~these~~ such roads or other areas;
- 714
- 715 bbb) Storage and handling of drums or other transportable containers, where the
716 containers are sealed during storage and handling;
- 717
- 718 ccc) Activities at a source associated with ~~maintaining the maintenance,~~
719 ~~repairing, repair~~ or ~~dismantling~~ dismantlement of an emission unit or other
720 equipment installed at the source, ~~but excluding not including~~ the shutdown of the
721 unit or equipment. ~~These activities include, including~~ preparation for
722 maintenance, repair, or dismantlement, and preparation for subsequent startup,
723 including ~~preparing~~ preparation of a shutdown vessel for entry,

- 724 ~~replacing~~replacement of insulation, welding and cutting, and steam purging of a
 725 vessel ~~before~~prior to startup;
 726
- 727 ddd) Equipment used for corona arc discharge surface treatment of plastic with a power
 728 rating of 5 kW or less or equipped with an ozone destruction device;
 729
- 730 eee) Equipment used to seal or cut plastic bags for commercial, industrial, or domestic
 731 use;
 732
- 733 fff) Each direct-fired gas dryer used for a washing, cleaning, coating, or printing line,
 734 but excluding:
 735
- 736 1) Dryers with a rated heat input capacity of ~~2,930~~2930 kW (10 MMBtu/hr)
 737 or more; and
 738
 - 739 2) Dryers for which emissions other than those attributable to combustion of
 740 fuel in the dryer, including emissions attributable to using or applying~~use~~
 741 ~~or application of~~ cleaning agents, washing materials, coatings, or inks or
 742 other process materials that contain VOM~~volatile organic material~~ are not
 743 addressed as part of the permitting of ~~the~~such line, if a permit is otherwise
 744 required for the line;
 745
- 746 ggg) Municipal solid waste landfills with a maximum total design capacity of less than
 747 2.5 million Mg or 2.5 million m³ that are not required to install a gas collection
 748 and control system under~~pursuant to~~ 35 Ill. Adm. Code 220 or 800 through 849 or
 749 Section 9.1 of the Act;
 750
- 751 hhh) Replacement or addition of air pollution control equipment for existing emission
 752 units in circumstances where:
 753
- 754 1) The existing emission unit is permitted and has operated in compliance for
 755 the past year;
 756
 - 757 2) The new control equipment will provide equal or better control of the
 758 target pollutants;
 759
 - 760 3) The new control device will not be accompanied by a net increase in
 761 emissions of any non-targeted criteria air pollutant;
 762
 - 763 4) Different State or federal regulatory requirements or newly proposed
 764 regulatory requirements will not apply to the unit; and
 765

766 BOARD NOTE: All sources must comply with underlying federal
767 regulations and future State regulations.

768
769 5) Where the existing air pollution control equipment had required
770 monitoring equipment, the new air pollution control equipment will be
771 equipped with the instrumentation and monitoring devices that are
772 typically installed on the new equipment of that type.

773
774 BOARD NOTE: For major sources subject to Section 39.5 of the Act,
775 where the new air pollution control equipment will require a different
776 compliance determination method in the facility's CAAPP permit, the
777 facility may need a permit modification to address the changed
778 compliance determination method;

779
780 iii) Replacement, addition, or modification of emission units at facilities with
781 federally enforceable State operating permits limiting their potential to emit in
782 circumstances where:

783
784 1) The potential to emit any regulated air pollutant in the absence of air
785 pollution control equipment from the new emission unit, or the increase in
786 the potential to emit resulting from the modification of any existing
787 emission unit, is less than 0.1 ~~lb~~ ~~per~~ ~~hour~~ or 0.44 tons per year;

788
789 2) The raw materials and fuels used or present in the emission unit that cause
790 or contribute to emissions, based on the information ~~contained~~ in Material
791 Safety Data Sheets for those materials, ~~do not~~ contain ~~lessequal to or~~
792 ~~greater~~ than 0.01% ~~percent~~ by weight of any ~~HAP~~ ~~hazardous air pollutant~~
793 as defined under ~~Section~~ ~~section~~ 112(b) of the ~~CAA~~ ~~federal Clean Air Act~~;

794
795 3) The emission unit or modification is not subject to an emission standard or
796 other regulatory requirement ~~under Section~~ ~~pursuant to section~~ 111 of the
797 ~~CAA~~ ~~federal Clean Air Act~~;

798
799 4) Potential emissions of regulated air pollutants from the emission unit or
800 modification will not, in combination with emissions from existing units
801 or other proposed units, trigger permitting requirements under Section
802 39.5, permitting requirements under ~~Section~~ ~~section~~ 165 or 173 of the
803 ~~CAA~~ ~~federal Clean Air Act~~, or the requirement to obtain a revised
804 federally enforceable State operating permit limiting the source's potential
805 to emit; and

806
807 5) The source is not currently the subject of a Non-compliance Advisory,
808 ~~CAA~~ ~~Clean Air Act~~ Section 114 Request, Violation Notice, Notice of

809 Violation, Compliance Commitment Agreement, Administrative Order, or
 810 civil or criminal enforcement action, related to the air emissions of the
 811 source;
 812

813 jjj) Replacement, addition, or modification of emission units at permitted sources that
 814 are not major sources subject to Section 39.5 of the Act and that do not have a
 815 federally enforceable State operating permit limiting their potential to emit, in
 816 circumstances where:
 817

818 1) The potential to emit of any regulated air pollutant in the absence of air
 819 pollution control equipment from the new emission unit, or the increase in
 820 the potential to emit resulting from the modification of any existing
 821 emission unit is either:
 822

823 A) Less than 0.1 ~~lb~~ lb per hour or 0.44 tons per year; or
 824

825 B) Less than 0.5 ~~lb~~ lb per hour, and the permittee provides prior
 826 notification to the Agency of the intent to construct or install the
 827 unit. The unit may be constructed, installed, or modified
 828 immediately after the notification is filed;
 829

830 2) The emission unit or modification is not subject to an emission standard or
 831 other regulatory requirement under ~~Section~~ section 111 or 112 of the
 832 ~~CAA~~ federal Clean Air Act;
 833

834 3) Potential emissions of regulated air pollutants from the emission unit or
 835 modification will not, in combination with the emissions from existing
 836 units or other proposed units, trigger permitting requirements under
 837 Section 39.5 of the Act or the requirement to obtain a federally
 838 enforceable permit limiting the source's potential to emit; and
 839

840 4) The source is not currently the subject of a Non-compliance Advisory,
 841 ~~CAA~~ Clean Air Act Section 114 Request, Violation Notice, Notice of
 842 Violation, Compliance Commitment Agreement, Administrative Order, or
 843 civil or criminal enforcement action, related to the air emissions of the
 844 source;
 845

846 kkk) The owner or operator of a CAAPP source is not required to obtain an air
 847 pollution control construction permit for the construction or modification of an
 848 emission unit or activity that is an insignificant activity ~~under~~ addressed by
 849 Section 201.210 or 201.211 ~~of this Part~~. The owner or operator must still follow
 850 Section 201.212 ~~of this Part must still be followed~~, as applicable. Other than
 851 excusing the owner or operator of a CAAPP source from the requirement to

852 obtain an air pollution control construction permit for the emission units or
853 activities, nothing in this subsection ~~alters~~~~shall alter~~ or ~~affects~~~~affect~~ the liability of
854 the CAAPP source for compliance with emission standards and other
855 requirements that apply to the emission units or activities, either individually or in
856 conjunction with other emission units or activities constructed, modified, or
857 located at the source;

- 858
- 859 III) Plastic injection molding equipment with an annual through-put not exceeding
860 5,000 tons of plastic resin in the aggregate from all plastic injection molding
861 equipment at the source, and all associated plastic resin loading, unloading,
862 conveying, mixing, storage, grinding, and drying equipment and associated mold
863 release and mold cleaning agents;

864

865 mmm) Sources required to comply with Section ~~210.175~~~~201.175~~ (Registration of Smaller
866 Sources ~~(ROSS)~~).

867

868 (Source: Amended at 50 Ill. Reg. _____, effective _____)

869

870 **Section 201.147 Former Permits**~~(Repealed)~~

871

872 ~~Any permit issued by the Agency, or any predecessor, is subject to the requirements of Section~~
873 ~~201.121, 201.142 through 201.146 and Subparts D through F, and shall be revised or revoked as~~
874 ~~necessary to conform to this Chapter.~~

875

876 (Source: Repealed at 50 Ill. Reg. _____, effective _____)

877

878 **Section 201.148 Operation Without Compliance Program and Project Completion**
879 **Schedule** ~~(Repealed)~~

880

881 ~~a) No person shall cause or allow the operation of an emission source which is not in~~
882 ~~compliance with the requirements of 35 Ill. Adm. Code 215 unless such person is~~
883 ~~in compliance with a compliance program as provided for in Subpart H and in the~~
884 ~~applicable provisions of 35 Ill. Adm. Code 215.~~

885

886 ~~b) Any compliance plan or project completion schedule, where applicable, shall be a~~
887 ~~binding condition of the operating permit for the source.~~

888

889 (Source: Repealed at 50 Ill. Reg. _____, effective _____)

890

891 **Section 201.149 Operation During Malfunction, Breakdown or Startups**

892

893 A person must not cause or allow the continued operation of an emission source during
894 malfunction or breakdown of the emission source or related air pollution control equipment if

895 ~~that~~ such operation would cause a violation of the applicable standards or limitations ~~stated~~ in
 896 Subchapter c, except as specifically provided for by ~~the~~ such standard or limitation. A person
 897 must not cause or allow violation of the applicable standards or limitations ~~stated~~ in Subchapter c
 898 during startup, except as specifically provided for by ~~the~~ such standard or limitation.

899
 900 (Source: Amended at 50 Ill. Reg. _____, effective _____)

901
 902 **Section 201.150 Circumvention**

903
 904 Except as provided in 35 Ill. Adm. Code 212.207, 214.162 and 214.182 through 214.185, and
 905 except as further provided by Section 201.151, ~~an~~ person ~~must not~~ shall cause or allow the
 906 construction or operation of any device or any means, including the creation or use of any
 907 corporations or other business entities having interlocking directorships or substantially identical
 908 ownerships which, without resulting in a reduction in the total amount of any air contaminant
 909 emitted, conceals, dilutes, or permits air contaminant emissions which would otherwise violate
 910 these regulations.

911
 912 (Source: Amended at 50 Ill. Reg. _____, effective _____)

913
 914 **Section 201.151 Design of Effluent Exhaust Systems**

- 915
 916 a) ~~A~~ No person ~~must not~~ shall cause or allow the operation of an emission source or
 917 ~~of~~ air pollution control equipment without providing one or more stacks or vents
 918 ~~that are~~ designed to prevent the concentration of any air contaminant from:
 919
 920 1) Exceeding any applicable ambient air quality standard, either alone or in
 921 combination with air contaminants from other sources; ~~or,~~
 922
 923 2) Causing or tending to cause air pollution, either alone or in combination
 924 with air contaminants from other sources; or,
 925
 926 3) Exceeding the emission standards and limitations of Subchapter
 927 (c) subchapter (c) of this Chapter.
 928
 929 b) Exception. This rule ~~does~~ shall not apply to emission sources, such as stock piles
 930 of particulate matter, that cannot reasonably be expected to be emitted through a
 931 stack because of the disperse nature of the emission sources which, because of the
 932 disperse nature of such emission sources, cannot reasonably be expected to be
 933 emitted through a stack.

934
 935 (Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 201.152 Contents of Application for Construction Permit

- a) An application for a construction permit ~~must~~shall contain, ~~at~~as a minimum, ~~the following data and information:~~
 - 1) ~~the~~The nature of the emission unit and air pollution control equipment, including the expected life and deterioration rate;
 - 2) information concerning processes to which the emission unit or air pollution control equipment is related;
 - 3) the quantities and types of raw materials to be used in the emission source or air pollution control equipment;
 - 4) the nature, specific points of emission, and quantities of uncontrolled and controlled air contaminant emissions at the source that includes the emission unit or air pollution control equipment;
 - 5) the type, size, efficiency, and specifications (including engineering drawings, plans, and specifications certified ~~to~~ by a registered Illinois professional engineer) of the proposed emission unit or air pollution control equipment;
 - 6) maps, statistics, and other data reasonably sufficient to describe the location of the emission unit or air pollution control equipment.

- b) The Agency may waive the submission by the applicant of ~~such~~ engineering drawings, plans, specifications, or ~~such~~ other portions of the above data or information ~~it deems as it shall deem~~ inappropriate or unnecessary to the construction permit application.

- c) The Agency may adopt procedures that require data and information, in addition to ~~what subsection (a) requires and in amplification of the matters specified in the first sentence of this Section,~~ that are reasonably designed to determine compliance with this Chapter and ambient air quality standards, or that ~~establish~~set forth the format by which all data and information ~~must~~shall be submitted.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.156 Conditions

981 The Agency may impose ~~in a construction permit~~ such conditions ~~in a construction permit as may~~
 982 ~~be~~ necessary to accomplish the purposes of the Act, and ~~that~~as are not inconsistent with the
 983 regulations promulgated by the Board ~~under the Act~~thereunder. Except as ~~herein~~ specified ~~in it~~,
 984 nothing in this Chapter ~~is meant~~shall be deemed to limit the Agency's power to impose
 985 ~~conditions of the Agency in this regard~~. ~~These~~Such conditions may include conditions specifying
 986 any testing operations that may be conducted under the construction permit.

987
 988 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 989

990 **Section 201.157 Contents of Application for Operating Permit**
 991

992 a) An application for an operating permit must contain the data and information
 993 ~~specified~~in Section 201.152. Each application must list all individual emission
 994 units and air pollution equipment for which a permit is sought. Any applicant
 995 may seek to obtain from the Agency a permit for each emission unit, ~~multiple~~or
 996 ~~such~~ emission units ~~that~~as are similar in design or principle of operation or
 997 function, or ~~for~~ all emission units encompassed in an identifiable operating unit,
 998 unless ~~the applicant is~~ subject to the provisions of Section 201.169 ~~of this Subpart~~
 999 or required to obtain an operating permit with ~~federally~~federal enforceable
 1000 conditions in compliance with Section 39.5 of the Act.

1001
 1002 b) To the extent that the ~~above specified~~ data and information ~~in subsection (a)~~
 1003 ~~have~~has previously been submitted to the Agency in compliance with this
 1004 Subpart, the data and information need not be resubmitted, but the applicant must
 1005 certify that the data and information previously submitted ~~remain~~remains true,
 1006 correct, and current.
 1007

1008 c) An application for an operating permit must contain a description of the startup
 1009 procedure for each emission unit, the duration and frequency of startups, the types
 1010 and quantities of emissions during startup, and the applicant's efforts to minimize
 1011 ~~any such~~ startup emissions, duration of individual startups, and frequency of
 1012 startups.
 1013

1014 d) The Agency may adopt procedures that require data and information, in addition
 1015 to ~~what subsection (a) requires~~and ~~in amplification of the matters specified in the~~
 1016 ~~first sentence of this Section~~, that are reasonably designed to determine
 1017 compliance with this Chapter, and ambient air quality standards, and that specify
 1018 the format by which all data and information must be submitted.
 1019

1020 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 1021

1022 **Section 201.158 Incomplete Applications**
 1023

1024 An application ~~is not considered~~~~shall not be deemed to be~~ filed until the applicant has submitted
 1025 all information and completed application forms required by Section 201.152 or 201.157 ~~of this~~
 1026 ~~Subpart~~, whichever is applicable, and procedures adopted and effective ~~under them~~~~pursuant~~
 1027 ~~hereto~~. ~~However, if~~~~Provided, however, that if~~ the Agency, ~~within 30 days after the filing of a~~
 1028 ~~purported application~~, fails to notify the applicant ~~within 30 days after the filing of a purported~~
 1029 ~~application~~ that the application is incomplete and ~~provide~~~~of~~ the reasons the Agency deems it
 1030 incomplete, the application ~~is considered~~~~shall be deemed to have been~~ filed as of the date of
 1031 ~~the~~~~such~~ purported filing. The applicant may treat the Agency's notification that an application is
 1032 incomplete as a denial of the application for ~~purposes of~~ review ~~under, pursuant to~~ Section 40 of
 1033 the Act [415 ILCS 5/40].

1034
 1035 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 1036

1037 **Section 201.159 Signatures**

1038
 1039 All applications and supplements ~~to them must~~~~hereto shall~~ be signed by the owner and operator
 1040 of the source, or their authorized agent, and ~~must~~~~shall~~ be accompanied by evidence of authority
 1041 to sign the application.
 1042

1043 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 1044

1045 **Section 201.160 Standards for Issuance**

- 1046
 1047 a) ~~A~~~~No~~ construction permit ~~must not~~~~shall~~ be granted unless the applicant submits
 1048 proof to the Agency that:
 1049
 1050 1) The emission unit or air pollution control equipment will be constructed or
 1051 modified to operate so as not to cause a violation of the Act or ~~of~~ this
 1052 Chapter; and
 1053
 1054 2) If subject to a future compliance date, the applicant has an approved
 1055 compliance program and project completion schedule in
 1056 ~~compliance~~~~accordance~~ with ~~the provisions of~~ Subpart H ~~of this Part~~.
 1057
 1058 b) ~~An~~~~No~~ operating permit ~~must not~~~~shall~~ be granted unless the applicant submits
 1059 proof to the Agency that:
 1060
 1061 1) The emission unit or air pollution control equipment has been constructed
 1062 or modified to operate so as not to cause a violation of the Act or ~~of~~ this
 1063 Chapter, or has been granted a variance ~~from them~~~~therefrom~~ by the Board
 1064 and is in full compliance with ~~the~~~~such~~ variance; ~~and~~
 1065
 1066 2) The emission unit or air pollution control equipment has been constructed

or modified in compliance with all conditions in the construction permit, where applicable; ~~and~~

- 3) ~~Tests show the~~The emission unit or air pollution control equipment ~~is~~has ~~been shown by tests~~ in compliance with ~~the provisions of~~ Subpart J ~~of this Part~~, applicable regulations, and permit conditions to operate in compliance with the emission limitations ~~set forth~~ in this Chapter. ~~However, provided that~~ the Agency may waive the requirement for actual tests where sufficient standard testing information is available; ~~and~~
- 4) The applicant has taken all technically feasible measures, including changes in work rules, to minimize the duration and frequency of startups and to reduce the quantity of emissions during startups; ~~and~~
- 5) If subject to a future compliance date, the applicant has an approved compliance program and project completion schedule in compliance with ~~the provisions of~~ Subpart H ~~of this Part~~; and
- 6) If required, the applicant has an approved episode action plan in effect in compliance with ~~the provisions of~~ 35 Ill. Adm. Code 244.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.161 Conditions

The Agency may impose ~~such~~ conditions in an operating permit ~~as may be~~ necessary to accomplish the purposes of the Act, and ~~as are~~ not inconsistent with the regulations promulgated by the Board under it~~hereunder~~. Except as ~~herein~~ specified in this Section, nothing in this Chapter ~~is meant~~~~shall be deemed~~ to limit the Agency's power to impose conditions of the Agency ~~in this regard~~. When deemed appropriate as a condition to ~~issuing~~~~the issuance of~~ an operating permit, the Agency may require that the permittee adequately maintain the air pollution control equipment covered by the permit. To assure that ~~such~~ a maintenance program is planned, the Agency may require that the permittee have a maintenance program and keep ~~such~~ maintenance records ~~as are~~ necessary to demonstrate compliance with this rule. ~~However, provided, however,~~ the Agency ~~does~~~~shall~~ not have the authority to approve the maintenance programs required under this Section~~thereunder~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.162 Duration

- a) ~~An~~No operating permit ~~will~~~~shall~~ be valid for only 10~~longer than ten~~ years, or

~~asuch~~ shorter period ~~specified by the Agency as the Agency may specify~~ in the operating permit as necessary to accomplish the purposes of the Act and this Chapter, unless the source is subject to:

- 1) Section 201.169 ~~of this Subpart~~; or
- 2) Section 39.5 of the Act, except for sources exempt ~~under pursuant to~~ Section 39.5(1.1).

b) Applications ~~to renew for renewal of~~ an operating permit ~~must shall~~ be submitted to the Agency at least 90 days ~~before prior to the expiration of~~ the prior permit, ~~expires~~ and ~~must shall~~ conform to Sections 201.157, 201.158, and 201.159. The standards for ~~issuing renewed issuance of renewal of~~ operating permits ~~are those shall be as set forth~~ in Section 201.160.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.163 Joint Construction and Operating Permits

~~When In cases where~~ the Agency determines that an emission unit or air pollution control equipment is sufficiently standard ~~so as~~ to obviate the need for separate construction and operating permits, the Agency may issue a joint construction and operating permit. The Agency may adopt procedures that ~~establish; set forth~~ the circumstances under which joint construction and operating permits may be issued; require data and information designed to determine compliance with this Chapter and ambient air quality standards; and ~~establish set forth~~ the format by which all data and information ~~must shall~~ be submitted. The standards for ~~issuing issuance of~~ joint construction and operating permits ~~are those shall be as set forth~~ in Section 201.160. Except as ~~herein~~ provided ~~in this Section~~, nothing in this Chapter ~~is meant shall be deemed~~ to limit the power of the Agency in this regard. The term "operating permit" as used elsewhere in this Chapter ~~includes shall be deemed to include~~ a joint construction and operating permit.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.164 Design Criteria (Repealed)

- a) ~~The Agency may adopt procedures that set forth criteria for the design, operation or maintenance of emission units and air pollution control equipment. These procedures shall be revised from time to time to reflect current engineering judgment and advances in the state of the art.~~
- b) ~~Before adopting new criteria or making substantive changes to any criteria adopted by the Agency, the Agency shall:~~

- 1) ~~Publish a summary of the proposed changes in the Environmental Register or a comparable publication at the Agency's expense; and~~
- 2) ~~Provide a copy of the full text of the proposed changes to any person who in writing so requests; and~~
- 3) ~~Defer adoption of the changes for 45 days from the date of publication to allow submission and consideration of written comments on the proposed changes.~~

(Source: Repealed at 50 Ill. Reg. _____, effective _____)

Section 201.165 Hearings

- a) The Agency may conduct hearings ~~before, prior to~~ issuing a permit ~~underpursuant to~~ this Chapter, to determine whether an applicant has submitted proof that the emission source or air pollution control equipment is or will be in compliance with every rule of this Chapter.
- b) The Agency ~~must~~shall adopt procedural regulations for ~~conducting these~~the ~~conduct of such~~ hearings.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.166 Revocation

Violation of any ~~permit~~of the conditions of a permit, or the failure to comply with any rule or regulation of this Chapter, ~~are~~shall be grounds for ~~revoking~~revocation of the permit ~~and, as well as for~~ other sanctions ~~underprovided in~~ the Act. ~~These~~Such sanctions ~~may~~shall be sought by filing a complaint with the Board.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.167 Revisions to Permits

The Agency may revise any permit issued ~~underpursuant to~~ Subpart D or any condition ~~contained in~~ thesuch permit, ~~as follows~~:

- a) Upon reapplication by the permittee; or
- b) Upon the revision of the Act or this Chapter.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 201.168 Appeals from Conditions

An applicant may consider any condition imposed by the Agency in a permit as a refusal by the Agency to grant a permit, which ~~entitles~~~~shall entitle~~ the applicant to appeal the Agency's decision to the Board ~~underpursuant to~~ Section 40 of the Act [415 ILCS 5/40].

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.169 Special Provisions for Certain Operating Permits

a) Applicability:

- 1) Operating permits issued ~~underpursuant to~~ Section 39 of the Act for sources of air pollution that are not subject to ~~the requirements of~~ Section 39.5 of the Act and are not required to have a federally enforceable State operating permit are subject to ~~the provisions of~~ this Section.
- 2) This Section ~~only~~ applies only to sources that meet the requirements of subsection (a)(1) and whose permit has not expired ~~underpursuant to~~ a renewal request under subsection (b)(2). If this Section no longer applies to a source and its permit has not expired ~~underpursuant to~~ a renewal request under subsection (b)(2), the terms and conditions of the permit ~~shall~~ remain in effect until the permit is superseded by a new or revised permit or is withdrawn.
- 3) ~~This Subpart does not exempt~~ Nothing in this Subpart shall be construed as exempting persons with permits issued ~~underpursuant to~~ this Section from construction permit requirements under ~~the requirements of~~ Section 201.142 ~~of this Part requiring a construction permit~~ or from review under Part 203 or Part 204 procedures for new and modified emission units.

b) Expiration and Renewal:

- 1) The Agency may request the renewal of an operating permit subject to this Section for reasons including ~~but not limited to~~, a change in the requirements applicable to the source; an indication that the information on the source's application is inaccurate; or information that the source may not be ~~complying in compliance~~ with the Act, a Board regulation, or an existing permit condition.
- 2) ~~Despite~~ Notwithstanding Section 201.162 ~~of this Subpart~~, an operating permit subject to this Section ~~expires~~ shall expire 180 days after the

1239 Agency sends a written request for renewal of the permit. A permit
1240 ~~will~~ terminate if it is withdrawn upon written request by the permittee
1241 or is superseded by a revised permit issued for the source.
1242

1243 3) In its request for renewal ~~underpursuant to~~ subsection (b)(2) ~~above~~, the
1244 Agency may include a request for any supplemental information that the
1245 Agency may need to determine the continued applicability of this Section
1246 or the source's ability ~~of the source~~ to comply with any requirement.
1247

1248 4) An owner or operator may appeal to the Board only a final determination
1249 by the Agency to deny a permit or ~~to~~ include conditions as provided by
1250 Section 40 of the Act and Section 201.168 ~~of this Subpart~~, or a
1251 determination that a permit application is incomplete based upon
1252 insufficiencies such as, ~~but not limited to~~, a failure to submit information
1253 requested under subsection (b)(3) or Section 201.158.
1254

1255 c) Requirement for a Revised Permit:
1256

1257 1) Persons with operating permits subject to this Section must obtain a
1258 revised permit ~~before prior to~~ any of the following changes at the source:
1259

1260 A) An increase in emissions above the amount the emission unit or the
1261 source is permitted to emit;
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1263 B) A modification;
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1265 C) A change in operations that will result in the source's
1266 noncompliance with a condition in the existing permit; or
1267

1268 D) A change in ownership, company name, or address, so that the
1269 application or existing permit is no longer accurate.
1270

1271 2) If changes in the source's emission units or control equipment remove a
1272 source from the applicability of this Section, an owner or operator
1273 ~~must~~ apply for a construction permit under Section 201.152 ~~of this~~
1274 ~~Subpart~~, if applicable, and either a federally enforceable State operating
1275 permit or a Clean Air Act Permit Program (CAAPP) permit ~~underpursuant~~
1276 ~~to~~ Section 39.5 of the Act.
1277

1278 (Source: Amended at 50 Ill. Reg. _____, effective _____)
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1280 **Section 201.170 Portable Emission Units**
1281

- 1282 a) An emission unit is portable ~~if provided that~~ the emission unit meets the following
 1283 criteria:-
 1284
 1285 1) Emissions from the emission unit are expected to occur for less than one
 1286 year at any one site:-
 1287
 1288 2) The emission unit of air pollution is subject to ~~the requirements of~~ Section
 1289 201.169; ~~of this Subpart.~~
 1290
 1291 3) The emission unit or group of emission units that will be changing sites is
 1292 permitted to emit less than 25 tons per year of any combination of
 1293 regulated air pollutants:-
 1294
 1295 4) The emission unit is mounted on a chassis or skids and is designed to be
 1296 moveable; ~~and-~~
 1297
 1298 5) The emission unit is not used as a thermal desorption system
 1299 ~~underpursuant to~~ 35 Ill. Adm. Code 728. Table F or as an incinerator
 1300 system.
 1301
 1302 b) An owner or operator of a portable emission unit meeting the requirements of
 1303 subsection (a) ~~of this Section~~ may change the site of the unit without obtaining a
 1304 new construction or operating permit ~~underpursuant to~~ Section 201.142, 201.143,
 1305 or 201.169 ~~if of this Part, provided that~~ the owner or operator meets the following
 1306 requirements:
 1307
 1308 1) The owner or operator has obtained a construction and operating permit
 1309 containing special conditions as required by subsection (c) ~~of this Section~~
 1310 for the emission unit, or is exempt ~~underpursuant to~~ subsection (d); ~~of this~~
 1311 ~~Section.~~
 1312
 1313 2) If a permit issued ~~underpursuant to~~ subsection (c) ~~of this Section~~ includes
 1314 more than one emission unit, the owner or operator ~~must shall~~ move all
 1315 emission units covered by the permit to the new site:-
 1316
 1317 3) The owner or operator does not locate the emission unit on a site with ~~a~~
 1318 ~~source:~~
 1319
 1320 A) A source that ~~That~~ is subject to ~~the requirements of~~ Section 39.5 of
 1321 the Act; or
 1322
 1323 B) A source that ~~That~~ would become subject to ~~the requirements of~~
 1324 Section 39.5 of the Act if the emissions of all regulated pollutants

- 1325 from the portable emission unit were included in such source's
 1326 potential to emit;
 1327
- 1328 4) The owner or operator does not modify the operation of the emission unit
 1329 ~~in such a way so as to:~~
- 1330 A) Make the emission unit subject to ~~New Source Review (NSR)~~
 1331 requirements ~~underpursuant to~~ 35 Ill. Adm. Code 203 or ~~to~~
 1332 ~~Prevention of Significant Deterioration (PSD)~~ ~~underpursuant to~~
 1333 Section 9.1(a) of the Act; or
- 1334 B) Make the emission unit a support facility of a source that is subject
 1335 to Section 39.5 of the Act;
 1336
- 1337 5) At least three days ~~before~~~~prior to~~ moving the emission unit to a new site,
 1338 the owner or operator ~~notifies~~~~shall notify~~ the Agency by certified mail.
 1339 The notification ~~must~~~~shall~~ include the items ~~listed~~ in this subsection
 1340 (b)(5), unless the emission unit is exempt ~~underpursuant to~~ subsection (d)
 1341 ~~of this Section:~~
- 1342 A) The location of the new site;
- 1343 B) The estimated emissions of all regulated air pollutants while
 1344 located at the new site; and
- 1345 C) ~~Confirmation that~~~~That~~ the operation for the emission unit will be
 1346 consistent with its construction and operating permits; ~~and;~~
- 1347 6) The owner or operator ~~keeps~~~~shall keep~~ a copy of the construction and
 1348 operating permits for that emission unit on the site where the emission unit
 1349 is in operation.
- 1350 c) Permit Requirements:
- 1351 1) The owner or operator of an emission unit must obtain a new or amended
 1352 construction and operating permit containing special conditions for
 1353 changing the site of the portable emission unit ~~underpursuant to the~~
 1354 ~~requirements of~~ Sections 201.142, 201.143, and 201.169 ~~before of this~~
 1355 ~~Subpart prior to~~ an initial change in site of an emission unit. The permit
 1356 application, in addition to the information required ~~underpursuant to~~
 1357 Section 201.152, 201.157, and 201.169 ~~of this Part~~, must contain the
 1358 following information:
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- 1368 A) The initial site of the emission unit;
 1369
 1370 B) A permanent address where correspondence may be sent to the
 1371 owner or operator; and
 1372
 1373 C) The permanent site of any required operating records.
 1374
 1375 2) If the portable emission unit has a permit ~~underpursuant to~~ this subsection
 1376 (c), but has not changed sites within the prior ~~12~~twelve months at least
 1377 once, the owner or operator ~~must~~shall obtain a revised permit ~~before~~prior
 1378 ~~to~~ changing the site of the emission unit.
 1379
 1380 d) The owner or operator of a portable emission unit that is included in more than
 1381 one operating permit and meets the requirements of subsections (a)(2) through
 1382 (a)(5), (b)(3), (b)(4), and (b)(6) ~~of this Section~~ may change the site of the unit
 1383 without obtaining a new construction or operating permit ~~underpursuant to~~
 1384 Section 201.142, 201.143, or 201.169 ~~of this Part~~ when the unit is moved to a site
 1385 covered by the permit.
 1386

1387 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 1388

1389 **Section 201.175 Registration of Smaller Sources (ROSS)**
 1390

- 1391 a) An owner or operator of an eligible source ~~must~~shall annually register with the
 1392 Agency instead of complying with the requirement to obtain an air pollution
 1393 construction or operating permit under the Act or complying with a permit issued
 1394 under Section 201.169. The owner and operator of a ROSS source are still
 1395 subject to all applicable environmental statutes and regulations. The source must
 1396 meet all ~~of~~ the following criteria to be an eligible source:
 1397
 1398 1) ~~UnderPursuant to~~ Section 9.14 of the Act:
 1399
 1400 A) *The source must not be required to obtain a permit pursuant to the*
 1401 *Clean Air Act Permit Program, or federally enforceable State*
 1402 *operating permit program, or under regulations promulgated*
 1403 *pursuant to Section 111 or 112 of the Clean Air Act;*
 1404
 1405 B) *USEPA has not otherwise determined that a permit is required;*
 1406
 1407 C) *The source emits less than an actual 5 tons per year of combined*
 1408 *particulate matter, carbon monoxide, nitrogen oxides, sulfur*
 1409 *dioxide, and volatile organic material air pollutant emissions;*
 1410

- 1411 D) *The source emits less than an actual 0.5 tons per year of combined*
 1412 *hazardous air pollutant emissions;*
 1413
 1414 E) *The source emits less than an actual 0.05 tons per year of lead air*
 1415 *emissions;*
 1416
 1417 F) *The source emits less than an actual 0.05 tons per year of mercury*
 1418 *air emissions; and*
 1419
 1420 G) *The source does not have an emission unit or source subject to a*
 1421 *standard pursuant to 40 CFR 61 (Maximum Achievable Control*
 1422 *Technology) or 40 CFR 63 (National Emissions Standards for*
 1423 *Hazardous Air Pollutants), other than those regulations that*
 1424 *USEPA has categorized as "area source".*
 1425
 1426 2) Emission units at the source are not used as thermal desorption systems
 1427 underpursuant to 35 Adm. Code 728.Table F or as incinerator systems.
 1428
 1429 3) The source or its emission units are notmust not be subject to local siting
 1430 under Section 39.2 of the Act.
 1431
 1432 b) To determineFor the purposes of determining whether the actual emissions from
 1433 the source meet the criteria of subsections (a)(1)(C), (a)(1)(D), (a)(1)(E), and
 1434 (a)(1)(F), the owner or operator of a source mustshall only use emissions only
 1435 from units that are not exempt under Section 201.146 from permitting
 1436 requirements~~the requirement to obtain a permit pursuant to Section 201.146~~, as
 1437 follows:
 1438
 1439 1) Initial registration or reentry into ROSS. The; the owner or operator must
 1440 sum the actual emissions from all units associated with the source for the
 1441 previousprior calendar year. If the source is new, or has been operating
 1442 less than one calendar year, projected estimated emissions may be used for
 1443 all oref the remaining months in the previousprior calendar year,
 1444 respectively.
 1445
 1446 2) Annual renewal of registration:
 1447
 1448 A) To determineFor the purposes of determining compliance with
 1449 subsection (a)(1)(C)~~of this Section~~, the owner or operator must:
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 1451 i) Verify that the source still meets the eligibility criteria in
 1452 subsection (a)(1)(C); or
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- ii) Calculate emissions by summing all actual emissions of combined ~~PM~~particulate matter, ~~CO~~carbon monoxide, ~~NO_x~~nitrogen oxides, ~~SO₂~~sulfur dioxide, and ~~VOM~~volatile organic material air pollutant emissions from all units associated with the source for the ~~previous~~prior calendar year. The total sum of ~~these~~ actual emissions ~~of combined particulate matter, carbon monoxide, nitrogen oxides, sulfur dioxide, and volatile organic material air pollutant emissions for the prior calendar year~~ must be less than or equal to 7 tons, or the total sum of ~~these~~ actual emissions ~~of combined particulate matter, carbon monoxide, nitrogen oxides, sulfur dioxide, and volatile organic material air pollutant emissions~~ from the ~~previous~~prior two calendar years must be less than or equal to 10 tons.

 - B) ~~To determine~~For the purposes of determining compliance with subsections (a)(1)(D), (a)(1)(E), and (a)(1)(F), the owner or operator must:
 - i) Verify that the source still meets the eligibility criteria in subsections (a)(1)(D), (a)(1)(E), and (a)(1)(F) ~~of this Section~~; or
 - ii) Calculate emissions by summing all actual emissions from all units at the source for the ~~previous~~prior calendar year. Summed emissions of HAPs, mercury, ~~and~~ or lead must be less than or equal to 0.5 tons per year, 0.05 tons per year, ~~and~~ or 0.05 tons per year, for the ~~previous~~prior calendar year, respectively.

 - c) The following must be included in each initial registration and each re-entry registration:
 - 1) The name, address, and telephone number of the source and of the person responsible for submitting and retaining copies of the registration information and the records;
 - 2) A statement that the source meets the requirements of this Section;
 - 3) A certification that the information submitted in subsections (c)(1) and (c)(2) is correct or a correction of the information; and
 - 4) The applicable fee ~~underpursuant to~~ Section 9.14 of the Act.

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- d) The owner or operator of an eligible source ~~must~~ submit the registration required by subsection (c) ~~of this Section~~ as follows:
 - 1) Initial registration:
 - A) The owner or operator of a source holding a permit may register after the effective date of this Section and ~~by no later than~~ their annual fee payment date in fiscal year 2013 (July 1, 2012 through June 30, 2013). The terms and conditions of a permit issued ~~underpursuant to~~ Section 201.169 do not apply during the period the source is registered. The owner and operator of a ROSS source are still subject to all applicable environmental statutes and regulations.
 - B) The owner or operator of an operating source not holding a permit ~~must~~ register ~~by no later than~~ July 1, 2012.
 - C) The owner or operator of a new source ~~must~~ register at least 10 days before commencing construction or operation and may commence construction or operation 10 days after submittal to the Agency.
 - 2) Annual registration. The owner or operator of a ROSS source must pay an annual fee on or before their annual fee payment date. Annual payment of the fee is verification by the owner or operator that the source continues to meet the criteria in subsection (a), as determined by subsection (b)(2), as applicable.
 - 3) Re-entry into ROSS under subsection (h). The owner or operator of a source that re-enters ROSS based on the criteria in subsection (a), as determined by subsection (b)(1), must register and pay an annual fee on or before their annual fee payment date.
- e) The owner or operator ~~must~~ keep the following records and make them available for inspection by the Agency:
 - 1) A description of the emission units associated with the source and their associated control devices;
 - 2) A description of control efficiency or emission rates of any control devices that are relied upon to meet the criteria for ROSS in subsection (a), as determined by subsection (b)(1) or (b)(2), as applicable;

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- 3) Documentation of the source's actual emissions and calculations demonstrating that the source is eligible for ROSS ~~underpursuant to~~ the criteria in subsection (a), as determined by subsection (b)(1) or (b)(2), as applicable. This documentation may include, ~~but is not limited to,~~ annual material usage or emission rates;
 - 4) A copy of the source's initial registration; and
 - 5) A copy of the owner's or operator's annual fee payment for at least the most recent ~~five~~ calendar years.
- f) Changes to a ROSS source requiring notification. The owner or operator of the source must notify the Agency in writing within 45 days after the change to the source, if the information provided in subsection (c)(1) changes.
- g) Changes requiring a new or modified construction or operating permit, or compliance with conditions in an existing permit issued ~~underpursuant to~~ Section 201.169:
- 1) The owner or operator must apply for a permit by the date required by the new regulation or statute if there is a change in a ~~regulatory~~ regulation or statutory requirement or a new regulation or statutory requirement that makes a source ineligible for ROSS under the criteria in subsection (a), as determined in subsection (b)(2), as applicable.
 - 2) If the source no longer meets the criteria in subsection (a), as determined by subsection (b)(2), as applicable:
 - A) The owner or operator of a source that did not have a permit under Section 201.169 ~~before~~ prior to registration must apply and comply with the applicable requirements of the Act and 35 Ill. Adm. Code Parts 201, 203, and 204 as follows:
 - i) If the source is eligible for a permit under Section 201.169, the owner or operator must apply for a permit within 90 days ~~before~~ of the source's annual fee payment date.
 - ii) If the source is not eligible under Section 201.169, the owner or operator must apply for a permit ~~as provided for~~ under the Act and 35 Ill. Adm. Code Parts 201, 203, and 204.

1583 iii) If the source was not constructed or operated at the time of
1584 initial registration and has actual emissions ~~exceeding in~~
1585 ~~excess of~~ the eligibility levels during the first or second
1586 year of operations as determined in subsection (b)(2), the
1587 owner or operator must apply for an operating permit and
1588 pay construction permit application fees.
1589

1590 B) The owner or operator of a source that had a permit under Section
1591 201.169 ~~before prior to~~ registration:
1592

1593 i) If the source is ~~complying in compliance~~ with the terms and
1594 conditions of the permit, the owner or operator ~~must~~ ~~shall~~
1595 notify the Agency ~~by no later than~~ the source's annual fee
1596 payment date of the calendar year following the change in
1597 status from a ROSS eligible source to a permitted source.
1598

1599 ii) If the source is not ~~complying in compliance~~ with the terms
1600 and conditions of the permit, but is still eligible for a permit
1601 ~~under pursuant to~~ Section 201.169, the owner or operator
1602 must apply for a new or revised permit within 90 days
1603 ~~before of~~ the source's annual fee payment date.
1604

1605 iii) If the source is not eligible for a permit ~~under pursuant to~~
1606 Section 201.169, the owner or operator must comply with
1607 the applicable permitting requirements under the Act and
1608 35 Ill. Adm. Code Parts 201, 203, and 204.
1609

1610 h) Reentry into ROSS. ~~The: the~~ owner or operator of a source that changed status to
1611 become a permitted source ~~under pursuant to~~ subsection (g) ~~must~~ ~~shall~~ submit a
1612 registration for ROSS if the source meets the criteria in subsection (a), as
1613 determined in subsection (b)(1), in the ~~previous prior~~ calendar year.
1614

1615 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1616

1617 SUBPART F: CAAPP PERMITS
1618

1619 **Section 201.207 Applicability**
1620

1621 This Subpart ~~applies shall apply~~ only to sources subject to Section 39.5 of the Act. The
1622 requirements of Sections 201.143 through ~~201.146 201.148 of Subpart C~~, Sections 201.157
1623 through 201.165 and 201.169 ~~of Subpart D~~, and Subparts G and H ~~do of this Part shall~~ not apply
1624 to a source subject to ~~the requirements of~~ Section 39.5 of the Act.
1625

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.208 Supplemental Information

~~Despite~~~~Notwithstanding~~ Sections 201.210, 201.211, and 201.212, an applicant for a CAAPP permit ~~must~~~~shall~~ supplement its application with any information for an emission unit of the source that is needed to determine ~~the applicability of~~ any applicable requirement or to ~~include~~~~set forth~~ in a permit any applicable requirement, when ~~the~~~~such~~ information is requested by the Agency ~~under, pursuant to~~ Section 39.5(5)(g) of the Act, or when the applicant becomes aware that ~~the~~~~such~~ information has not been submitted or that incorrect information has been submitted ~~under Section, pursuant to~~ 39.5(5)(i) of the Act.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.209 Emissions of Hazardous Air Pollutants

a) ~~To establish~~~~For the purposes of establishing~~ whether an emission unit qualifies as an insignificant activity and ~~provide~~~~providing~~ emission data for an emission unit in a CAAPP application, an applicant may presume that an emission unit does not emit an air pollutant listed as hazardous ~~under~~~~pursuant to~~ Section 112(b) of the ~~CAA~~~~Clean Air Act~~ if:

- 1) Raw material, other than fuel, for the emission unit contains a concentration by weight of ~~the~~~~such~~ pollutant that is equal to or less than the following:
 - A) 0.01% ~~percent~~ by weight for the following pollutants if more than 1 ton of the raw material is used annually: alkylated lead compounds, polycyclic organic matter, ~~hexachlorobenzene~~~~hexachloro benzene~~, mercury, polychlorinated biphenyls, 2,3,7,8-tetrachlorodibenzofurans, and 2,3,7,8-~~tetrachlorodibenzene-p-dioxin~~~~tetrachloridibenzo-p-dioxin~~; ~~or~~
 - B) 0.01% ~~percent~~ by weight for pollutants other than those in subsection (a)(1)(A) ~~above~~ if more than 1,000 tons of the raw material are used annually; or
 - C) 0.1% ~~percent~~ by weight for pollutants other than those addressed in subsection (a)(1)(A) or (B) ~~above~~.
- 2) The fuel used in the emission unit does not qualify as a hazardous waste, and the emission unit is not subject to an applicable requirement for the pollutant.

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- b) ~~Despite subsection (a) Notwithstanding the above, under~~ pursuant to Section 39.5(5)(g) of the Act, the Agency may require an applicant to submit specific information for an emission unit concerning emissions of an air pollutant listed as hazardous ~~under~~ pursuant to Section 112(b) of the ~~CAA Clean Air Act~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.210 Categories of Insignificant Activities or Emission Levels

- a) The owner or operator of a CAAPP source, ~~under~~ pursuant to 35 Ill. Adm. Code 270, ~~must~~ shall submit to the Agency within its CAAPP application a list of the following activities or emission levels:
- 1) Any emission unit determined to be an insignificant activity by the Agency ~~under~~ pursuant to Section 201.211 ~~of this Part~~;
 - 2) Emission units with emissions that never exceed 0.1 lbs/hr of any regulated air pollutant ~~without in the absence of~~ air pollution control equipment and that do not emit any air pollutant listed as hazardous ~~under Section pursuant to section~~ 112(b) of the ~~CAA Clean Air Act~~;
 - 3) Emission units with emissions that never exceed 0.44 tons/year of any regulated air pollutant ~~without in the absence of~~ air pollution control equipment and that do not emit any air pollutant listed as hazardous ~~under Section pursuant to section~~ 112(b) of the ~~CAA Clean Air Act~~;
 - 4) Direct combustion units designed and used for comfort heating purposes and fuel combustion emission units as follows:
 - A) Units with a rated heat input capacity of less than 2.5 ~~MMbtu/hr~~ ~~mmbtu/hr~~ that fire only natural gas, propane, or liquefied petroleum gas;
 - B) Units with a rated heat input capacity of less than 1.0 ~~MMbtu/hr~~ ~~mmbtu/hr~~ that fire only oil or oil in combination with only natural gas, propane, or liquefied petroleum gas;
 - C) Units with a rated capacity of less than 200,000 btu/hr which never burn refuse or treated or chemically contaminated wood;
 - 5) Extruders used ~~to extrude for the extrusion of~~ metals, minerals, plastics, rubber, or wood, excluding extruders used ~~in the~~ manufacture of

- 1712 polymers, ~~if VOM provided that volatile organic materials~~ or class I or II
 1713 substances subject to ~~the requirements of~~ Title VI of the ~~CAA Clean Air~~
 1714 ~~Act~~ are not used as foaming agents or release agents or were not used as
 1715 foaming agents in the case of extruders processing scrap material;
 1716
- 1717 6) Furnaces used ~~to melt for melting~~ metals other than beryllium with a brim
 1718 full capacity of less than 450 cubic inches by volume;
 1719
- 1720 7) Equipment used ~~to melt or apply for the melting or application of~~ less than
 1721 50,000 lbs/yr of wax to which no organic solvent has been added;
 1722
- 1723 8) Equipment used for filling drums, pails, or other packaging containers,
 1724 excluding aerosol cans, with soaps, detergents, surfactants, lubricating
 1725 oils, waxes, vegetable oils, greases, animal fats, glycerin, sweeteners, corn
 1726 syrup, aqueous salt solutions, or aqueous caustic solutions;
 1727
- 1728 9) Equipment used ~~to mix and blend for the mixing and blending of~~ materials
 1729 at ambient temperature to make ~~water-based~~ ~~water-based~~ adhesives
 1730 ~~if provided~~ each material contains less than 5% organic solvent by weight;
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- 1732 10) Storage tanks, as follows:
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- 1734 A) Storage tanks of organic liquids with a capacity of less than 10,000
 1735 gallons and an annual throughput of less than 100,000 gallons
 1736 ~~if provided~~ the tank is not used ~~to store for the storage of~~ any
 1737 amount of gasoline, including gasoline/ethanol blend fuels, or any
 1738 amount of material or mixture of any material listed as a HAP
 1739 ~~under Section hazardous air pollutant pursuant to section~~ 112(b) of
 1740 the ~~CAA Clean Air Act~~;
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- 1742 B) Storage tanks of gasoline, including gasoline/ethanol blend fuels,
 1743 with a capacity of less than ~~2,000~~ ~~2000~~ gallons;
 1744
- 1745 11) Storage tanks of virgin or ~~re-refined~~ ~~re-refined~~ distillate oil (including
 1746 kerosene and diesel fuel), hydrocarbon condensate from natural gas
 1747 pipeline or storage systems, lubricating oil, or residual fuel oils;
 1748
- 1749 12) Die casting machines where a metal or plastic is formed under pressure in
 1750 a die;
 1751
- 1752 13) Coating operations (excluding powder, architectural, and industrial
 1753 maintenance coating) with aggregate VOM usage that never exceeds 15
 1754 lbs/day from all coating lines at the source, including VOM from coating,

- 1755 ~~diluents~~~~dilutents~~, and cleaning materials;
- 1756
- 1757 14) Printing operations with aggregate organic solvent usage that never
- 1758 exceeds 750 ~~gal~~~~gallons~~ per year from all printing lines at the source,
- 1759 including organic solvent from inks, ~~diluents~~~~dilutents~~, fountain solutions,
- 1760 and cleaning materials;
- 1761
- 1762 15) Gas turbines and stationary reciprocating internal combustion engines of
- 1763 less than 112 kW (150 horsepower) power output;
- 1764
- 1765 16) Gas turbines and stationary reciprocating internal combustion engines of
- 1766 between ~~1,118~~~~118~~ and 112 kW (~~1,500~~~~1500~~ and 150 horsepower) power
- 1767 output that are emergency or standby units;
- 1768
- 1769 17) Storage tanks of any size containing exclusively soaps, detergents,
- 1770 surfactants, waxes, glycerin, vegetable oils, greases, animal fats,
- 1771 sweetener, corn syrup, aqueous salt solutions, or aqueous caustic solutions
- 1772 ~~if provided~~ an organic solvent has not been mixed with ~~thesueh~~ materials;
- 1773
- 1774 18) Loading and unloading systems for railcars, tank trucks, or watercraft that
- 1775 handle only the following liquid materials ~~if provided~~ an organic solvent
- 1776 has not been mixed with ~~thesueh~~ materials: soaps, detergents, surfactants,
- 1777 lubricating oils, waxes, glycerin, vegetable oils, greases, animal fats,
- 1778 sweetener, corn syrup, aqueous salt solutions, or aqueous caustic
- 1779 solutions; and
- 1780
- 1781 19) Fuel dispensing operations and fuel dispensing equipment for the fuels
- 1782 ~~specified~~ in subsections (a)(19)(A) and (B), for mobile sources, including
- 1783 on-road and off-road vehicles, for use in those mobile sources. For
- 1784 ~~purposes of~~ this subsection (a)(19), fuel dispensing equipment means
- 1785 equipment for transferring fuel to a mobile source, including nozzles,
- 1786 hoses, swivels, breakaways, hose retractors, vapor valves, dispensers,
- 1787 vacuum-assist devices, vapor-return piping, and liquid collection points.
- 1788 Storage tanks and storage tank equipment are not included in fuel
- 1789 dispensing operations or fuel dispensing equipment and are addressed
- 1790 separately.
- 1791
- 1792 A) Gasoline, including gasoline/ethanol blend fuels, if the annual
- 1793 throughput of the fuel dispensed is less than 120,000 gallons
- 1794 (rolling ~~12-month~~~~12-month~~ total).
- 1795
- 1796 B) Distillate oil (including kerosene and diesel fuel), biodiesel, and
- 1797 biodiesel/distillate oil blends.

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- b) The owner or operator of a CAAPP source is not required to individually list the following activities in a CAAPP application ~~underpursuant to~~ 35 Ill. Adm. Code 270. The applicant ~~must~~~~shall~~ denote whether any of the following activities are present at the source in its CAAPP application:
- 1) Air conditioning or ventilating equipment not designed to remove air contaminants generated by or released from associated equipment;
 - 2) Photographic process equipment by which an image is reproduced upon material sensitized to radiant energy;
 - 3) Equipment used for hydraulic or hydrostatic testing;
 - 4) General vehicle maintenance and servicing activities at the source, other than fuel handling or dispensing of gasoline (including gasoline/ethanol blend fuels), distillate oil (including kerosene and diesel fuel), biodiesel, or biodiesel/distillate oil blends;
 - 5) Cafeterias, kitchens, and other facilities used for preparing food or beverages primarily for consumption at the source;
 - 6) Equipment using water, water and soap or detergent, or a suspension of abrasives in water ~~to clean or finish~~ ~~if for purposes of cleaning or finishing~~ ~~provided~~ no organic solvent has been added to the water;
 - 7) Administrative activities, including, ~~but not limited to,~~ paper shredding, copying, photographic activities, and blueprinting machines ~~but excluding.~~ ~~This does not include~~ incinerators;
 - 8) Laundry dryers, extractors, and tumblers processing clothing, bedding, and other fabric items used at the source that have been cleaned with water solutions of bleach or detergents; ~~however, provided that~~ any organic solvent present in ~~thesueh~~ items before processing that is retained from clean-up operations ~~must~~~~shall~~ be addressed as part of the VOM emissions from use of cleaning materials;
 - 9) Housekeeping activities for cleaning purposes, including collecting spilled and accumulated materials at the source ~~and operating, including operation~~ ~~of~~ fixed vacuum cleaning systems specifically for ~~thesueh~~ purposes, but ~~excluding~~~~not including~~ use of cleaning materials that contain organic solvent;

- 1841 10) Refrigeration systems, including storage tanks used in refrigeration
1842 systems, but excluding any combustion equipment associated with
1843 ~~these~~ such systems;
- 1844
- 1845 11) Bench scale laboratory equipment and laboratory equipment used
1846 exclusively for chemical and physical analysis, including associated
1847 laboratory fume hoods, vacuum producing devices, and control devices
1848 installed primarily to address potential accidental releases;
- 1849
- 1850 12) Restroom facilities and associated clean-up operations, and stacks or vents
1851 used to prevent the escape of sewer gases through plumbing traps;
- 1852
- 1853 13) Activities associated with constructing, repairing on-site, maintaining or
1854 dismantling ~~the construction, on-site repair, maintenance or dismantlement~~
1855 ~~of~~ buildings, utility lines, pipelines, wells, excavations, earthworks, and
1856 other structures that do not constitute emission units;
- 1857
- 1858 14) Storage tanks of organic liquids with a capacity of less than 500
1859 gallons, ~~if provided~~ the tank is not used ~~to store for storage of~~ any
1860 amount of material or mixture of any material listed as a HAP under
1861 Section hazardous air pollutant pursuant to section 112(b) of the
1862 CAA Clean Air Act;
- 1863
- 1864 15) Piping and storage systems for natural gas, propane, and liquefied
1865 petroleum gas;
- 1866
- 1867 16) Water treatment or storage systems, as follows:
1868
- 1869 A) Systems for potable water or boiler feedwater;
- 1870
- 1871 B) Systems, including cooling towers, for process water if
1872 that provided that such water has not been in direct or indirect
1873 contact with process streams that contain VOM volatile organic
1874 material or materials listed as HAPs under Section hazardous air
1875 pollutants pursuant to section 112(b) of the CAA Clean Air Act;
- 1876
- 1877 17) Lawn care, landscape maintenance, and groundskeeping activities;
- 1878
- 1879 18) Containers, reservoirs, or tanks used exclusively in dipping operations to
1880 coat objects with oils, waxes, or greases, ~~if provided~~ no organic solvent has
1881 been mixed with ~~those~~ such materials;
- 1882
- 1883 19) Cold cleaning degreasers that are not in-line cleaning machines, where the

- 1884 vapor pressure of the solvents used never exceed 2 kPa (15 mmHg or 0.3
 1885 psi) measured at ~~38 °C (100 °F)~~38°C (100°F) or 0.7 kPa (5 mmHg or 0.1
 1886 psi) at ~~20 °C (68 °F)~~20°C (68°F);
- 1887
- 1888 20) Manually operated equipment used for buffing, polishing, carving, cutting,
 1889 drilling, machining, routing, sanding, sawing, scarfing, surface grinding,
 1890 or turning;
- 1891
- 1892 21) Use of consumer products, including hazardous substances as ~~that term is~~
 1893 defined in the Federal Hazardous Substances Act (15 ~~U.S.C.~~USC 1261 et
 1894 seq.), where the product is used at a source in the same manner as normal
 1895 consumer use;
- 1896
- 1897 22) Activities directly used in the diagnosis and treatment of a disease, injury,
 1898 or other medical condition;
- 1899
- 1900 23) Firefighting activities and training in preparation for fighting fires
 1901 conducted at the source;
- 1902
- 1903 BOARD NOTE: Open burning permits may be required for certain
 1904 training activities.
- 1905
- 1906 24) Internal combustion engine or boiler (including the fuel system) of motor
 1907 vehicles, locomotives, aircraft, watercraft, ~~lift trucks~~lifttrucks, and other
 1908 vehicles powered by nonroad engines;
- 1909
- 1910 25) Activities associated with ~~constructing, repairing, or maintaining the~~
 1911 ~~construction, repair or maintenance of~~ roads or other paved or open areas,
 1912 including ~~operating~~operation of street sweepers, vacuum trucks, spray
 1913 trucks, and other vehicles related to the control of fugitive emissions of
 1914 ~~those~~sueh roads or other areas;
- 1915
- 1916 26) Storage and handling of drums or other transportable containers where the
 1917 containers are sealed during storage and handling;
- 1918
- 1919 27) Individual points of emission or activities as follows:
- 1920
- 1921 A) Individual flanges, valves, pump seals, pressure relief valves, and
 1922 other individual components that have the potential for leaks;
- 1923
- 1924 B) Individual sampling points, analyzers, and process instrumentation,
 1925 whose operation may result in emissions;
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- C) Individual features of an emission unit, such as each burner and sootblowers in a boiler or each use of cleaning materials on a coating or printing line;
- D) Individual equipment that is transportable or activities within a facility established for testing units ~~before prior to~~ sale or distribution or for ~~purposes of~~ research; and
- E) Individual equipment or activities within a pilot plant facility that is used for research or training;

BOARD NOTE: ~~Despite subsections (A) through (E),~~
~~these~~ ~~Notwithstanding the foregoing, such~~ points of emissions or activities ~~must~~ ~~shall~~ be addressed in a CAAPP application in sufficient detail to identify applicable requirements and demonstrate compliance with ~~thesuch~~ requirements. Emission data for ~~thesesuch~~ activities ~~must~~ ~~shall~~ be addressed in the aggregate for each emission unit or group of related emission units.

- 28) Activities at a source associated with the modification only or construction only of a facility, an emission unit, or other equipment at the source; and

BOARD NOTE: ~~Despite~~ ~~Notwithstanding~~ the status of this activity as insignificant, a particular activity that entails modification or construction of an emission unit or construction of air pollution control equipment may require a construction permit ~~under pursuant to~~ Section 201.142 ~~of this Part~~ and may subsequently require a revised CAAPP permit. A revised CAAPP permit may also be necessary ~~to operate for operation of~~ an emission unit after ~~completing completion of~~ a particular activity if the existing CAAPP permit does not accommodate the new state of the emission unit.

- 29) Activities at a source associated with ~~maintaining the maintenance,~~ ~~repairing repair,~~ or ~~dismantling dismantlement of~~ an emission unit or other equipment installed at the source, ~~but excluding not including~~ the shutdown of the unit or equipment. ~~This includes preparing, including preparation~~ for maintenance, repair, or dismantlement, and ~~preparing preparation~~ for subsequent startup, including ~~preparing preparation of~~ a shutdown vessel for entry, ~~replacing replacement of~~ insulation, welding and cutting, and steam purging ~~of a vessel before prior to~~ startup.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 201.211 Application for Classification as an Insignificant Activity

- a) An owner or operator of a CAAPP source may propose to the Agency in its CAAPP application that an emission unit at the source be treated as an insignificant activity consistent with Section 201.210 ~~if of this Part, provided~~ the emission unit meets the following criteria and the owner or operator provides the information required in subsection (b) ~~below~~ regarding the emission unit:
 - 1) The emission unit would not emit more than 1.0 lb/hr of any regulated air pollutant not listed as hazardous ~~underpursuant to~~ Section 112(b) of the ~~CAA without Clean Air Act in the absence of~~ air pollution control equipment;
 - 2) The emission unit would not emit more than 0.1 lb/hr of any regulated air pollutant that is listed as hazardous ~~underpursuant to~~ Section 112(b) of the ~~CAA without Clean Air Act in the absence of~~ air pollution control equipment; and
 - 3) The emission unit is not a process unit.

- b) The owner or operator of ~~thesueh~~ emission unit ~~mustshall~~ include the following information in its CAAPP application:
 - 1) A description of the emission unit including the function and expected operating schedule of the unit;
 - 2) A description of any air pollution control equipment or control measures associated with the emission unit;
 - 3) The emissions of regulated air pollutants in lb/hr and ton/yr;
 - 4) The means by which emissions were determined or estimated;
 - 5) The estimated number of ~~thesesueh~~ emission units at the source; and
 - 6) Other information upon which the applicant relies to support ~~treating the treatment of such~~ emission unit as an insignificant activity.

- c) The Agency ~~mustshall~~ determine whether ~~thesueh~~ emission unit may be treated as an insignificant activity ~~by~~ considering factors including, ~~but not limited to,~~ the following:

- 2013 1) The amount and nature of emissions;
- 2014
- 2015 2) The basis by which emissions were determined;
- 2016
- 2017 3) The expected consistency and reliability of operation of the emission unit;
- 2018
- 2019 4) The operating schedule or intended use of the emission unit;
- 2020
- 2021 5) The air pollution control equipment or control measures applied to the
- 2022 emission unit;
- 2023
- 2024 6) The nature of applicable requirements;
- 2025
- 2026 7) The environmental impact of ~~the such~~ emission unit; and
- 2027
- 2028 8) The potential benefits to the environment if the emission unit were not
- 2029 treated as an insignificant activity.
- 2030

2031 d) Unless the Agency notifies the applicant in writing that the emission unit cannot

2032 be treated as an insignificant activity following the Agency's determination in

2033 subsection (c) ~~above~~, the emission unit ~~will~~shall be deemed an insignificant

2034 activity for purposes of Section 201.210(a) ~~of this Part~~. If the Agency determines

2035 that an emission unit cannot be treated as an insignificant activity ~~under~~pursuant

2036 ~~to~~ this Section, the Agency ~~must~~shall notify the owner or operator in writing and

2037 request that ~~the such~~ owner or operator submit the information required in a

2038 CAAPP application ~~under~~pursuant to Agency procedures regarding the emission

2039 unit within a reasonable time frame. The owner or operator ~~must~~shall submit the

2040 requested information to the Agency within the time frame stated in the request.

2041

2042 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2043

2044 **Section 201.212 Revisions to Lists of Insignificant Activities or Emission Levels**

2045

- 2046 a) The owner or operator of a CAAPP source is not required to notify the Agency of
- 2047 additional insignificant activities present at the source of a type that were
- 2048 previously listed in its CAAPP application ~~under~~pursuant to Section 201.210(a) or
- 2049 201.211 ~~of this Part~~, until it submits its renewal CAAPP application ~~is submitted~~.
- 2050
- 2051 b) The owner or operator of a CAAPP source seeking to add a new insignificant
- 2052 activity of a type ~~provided~~ under Section 201.210(a) or 201.211 ~~of this Part~~ that
- 2053 was not previously listed in its CAAPP application must notify the Agency
- 2054 ~~under~~pursuant to Section 39.5(12)(b) of the Act.
- 2055

- 2056 c) The owner or operator of a CAAPP source is not required to notify the Agency of
2057 additional insignificant activities present at the source of a type that were
2058 previously listed in its CAAPP application ~~underpursuant to~~ Section 201.210(b)
2059 ~~of this Part~~ or any new insignificant activities of a type ~~provided~~ under Section
2060 201.210(b) ~~of this Part~~ that were not previously listed in its CAAPP application;
2061 until ~~it submits~~ its renewal CAAPP application ~~is submitted~~.

2062
2063 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2064

2065 SUBPART H: COMPLIANCE PROGRAMS AND PROJECT COMPLETION
2066 SCHEDULES
2067

2068 **Section 201.241 Contents of Compliance Program**
2069

2070 A compliance program ~~mustshall~~ contain, as a minimum, the following data and information:
2071

- 2072 a) the nature, ~~and/or~~ type, ~~or both~~ of the proposed air pollution control equipment or
2073 proposed air pollution control technique which has been chosen to achieve
2074 compliance;
2075
2076 b) the cost, availability, and technical reasonableness of the proposed air pollution
2077 control equipment or proposed air pollution control technique, including detailed
2078 cost analyses and copies of engineering reports or studies sufficient to prove to
2079 the Agency that the compliance program will result in compliance with applicable
2080 standards and limitations of Subchapter c ~~of this Chapter~~.

2081
2082 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2083

2084 **Section 201.242 Contents of Project Completion Schedule**
2085

- 2086 a) A project completion schedule ~~mustshall~~ contain, as a minimum, the following
2087 data and information:
2088
2089 1) a final compliance date ~~that is, which date shall be~~ no later than the
2090 applicable date ~~prescribed~~ in Subchapter c ~~of this Chapter~~; and
2091
2092 2) reasonable interim dates by which various increments of the proposed
2093 compliance program ~~willshall~~ be completed, such as ~~dates~~ when contracts
2094 will be awarded, ~~dates for~~ equipment delivery, and ~~dates for~~ construction
2095 of preliminary structural work.
2096
2097 b) The Agency may adopt procedures which require data and information in addition
2098 to ~~information and in amplification of the matters specified~~ in subsection (a), and

2099 which ~~establish~~~~set forth~~ the format by which all data and information ~~must~~~~shall~~ be
2100 submitted.

2101
2102 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2103

2104 **Section 201.243 Standards for Approval**

2105
2106 ~~A~~~~No~~ compliance program and project completion schedule ~~must~~~~not~~~~shall~~ be approved unless the
2107 applicant submits proof to the Agency that:

- 2108 a) The compliance program will result in timely compliance with the applicable
- 2109 standards and limitations of Subchapter ~~c~~~~of this Chapter~~; and
- 2110
- 2111 b) The owner or operator has provided adequate proof that it is committed to the
- 2112 compliance program or project completion schedule, including, in the case of a
- 2113 corporation, certification by a duly authorized officer of ~~the~~~~such~~ corporation that
- 2114 ~~the~~~~such~~ corporation approves each ~~and every~~ provision of ~~the~~~~such~~ program and ~~of~~
2115 ~~such~~ schedule.
- 2116

2117
2118 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2119

2120 **Section 201.244 Revisions**

2121
2122 The owner or operator of an emission source or air pollution control equipment subject to an
2123 approved compliance program and project completion schedule may request a revision of
2124 ~~the~~~~such~~ program or schedule at any time. In addition, the Agency may require a revision upon
2125 any change in the Act or this Chapter. The Agency ~~must~~~~shall~~ not approve any revision which
2126 contains a final compliance date later than the applicable date ~~prescribed~~ in Subchapter ~~c~~~~of this~~
2127 ~~Chapter~~.

2128
2129 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2130

2131 **Section 201.245 Effects of Approval**

2132
2133 The ~~Agency must approve~~~~approval of~~ a compliance program and project completion schedule
2134 ~~before it issues~~~~shall be a condition precedent to the issuance and effectiveness of~~ a permit ~~and~~
2135 ~~before the permit becomes effective under~~~~pursuant to~~ Subpart D. An approved compliance
2136 program and project completion schedule, and full compliance ~~with them~~~~therewith~~, and a current
2137 operating permit, ~~are~~~~shall be~~ a prima facie defense to any enforcement action alleging a violation
2138 of the standards or limitations ~~set forth~~ in Subchapter ~~c~~~~of this Chapter~~ with respect to any air
2139 contaminant included in ~~the~~~~such~~ program and schedule during the period of the program. Failure
2140 to adhere to an approved compliance schedule ~~constitutes~~~~shall constitute~~ a violation of this Part
2141 for which appropriate sanctions may be sought ~~under~~~~in accordance with~~ the Act.

2142
 2143 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2144

2145 **Section 201.246 Records and Reports**

2146
 2147 Any person subject to this Subpart ~~mustshall~~ maintain ~~such~~ records and make ~~such~~ reports as
 2148 ~~may be~~ required in procedures adopted by the Agency ~~underpursuant to~~ Subpart K.

2149
 2150 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2151

2152 **Section 201.247 Submission and Approval Dates**

2153
 2154 The owner or operator of an emission source required to have a compliance plan and project
 2155 completion schedule ~~mustshall~~ have a compliance plan and ~~a~~ project completion schedule, where
 2156 applicable, approved by the Agency by the dates ~~indicated~~ in Subchapter ~~c-of this Chapter~~. A
 2157 compliance plan and project completion schedule, where applicable, ~~mustshall~~ be submitted at
 2158 least 90 days before the date required in Subchapter ~~c-of this Chapter~~.

2159
 2160 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2161

2162 SUBPART J: MONITORING AND TESTING

2163
 2164 **Section 201.281 Permit Monitoring Equipment Requirements**

2165
 2166 Except as otherwise provided at Subpart ~~L-of this Part~~, every emission source or air pollution
 2167 control equipment ~~mustshall~~ be equipped with ~~such~~ monitoring instruments as ~~may be~~ required
 2168 as a condition to a permit issued by the Agency. The permit may require that ~~thesuch~~ monitoring
 2169 instruments be continuous or intermittent. ~~TheSuch~~ monitoring instruments ~~mustshall~~ be
 2170 installed, maintained, and operated at the expense of the owner or operator of the emission
 2171 source or air pollution control equipment. A permit condition to monitor is appealable to the
 2172 Board ~~underpursuant to~~ Section 40 of the Act.

2173
 2174 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2175

2176 **Section 201.282 Testing**

2177
 2178 Every emission source or air pollution control equipment ~~isshall be~~ subject to the following
 2179 testing requirements ~~to determine for the purpose of determining~~ the nature and quantities of
 2180 specified air contaminant emissions and ~~for the purpose of determining~~ ground level and ambient
 2181 air concentrations of such air contaminants:

- 2182
 2183 a) Testing by Owner or Operator. The Agency may require the owner or operator of
 2184 the emission source or air pollution control equipment to conduct ~~such~~ tests in

~~compliance~~ ~~accordance~~ with procedures adopted by the Agency, at ~~such~~ reasonable times ~~as may be~~ specified by the Agency, and at the expense of the owner or operator of the emission source or air pollution control equipment. The Agency may adopt procedures detailing methods of testing and formats for reporting results of testing. ~~These~~ ~~Such~~ procedures, and revisions ~~will thereto,~~ ~~shall~~ not become effective until filed with the Secretary of State, as required by the ~~Illinois Administrative Procedure~~ ~~APA~~ Act (~~5 ILCS 100~~). All such tests ~~must~~ ~~be~~ ~~shall~~ be made by or under the direction of a person qualified by training, ~~and/or~~ experience, ~~or both~~ in the field of air pollution testing. The Agency ~~has~~ ~~shall~~ ~~have~~ the right to observe all aspects of ~~these~~ ~~such~~ tests.

- b) Testing by the Agency. The Agency ~~has~~ ~~shall~~ ~~have~~ the right to conduct ~~these~~ ~~such~~ tests at any time at its own expense. Upon request of the Agency, the owner or operator of the emission source or air pollution control equipment ~~must~~ ~~shall~~ provide, without charge to the Agency, necessary holes in stacks or ducts and other safe and proper testing facilities, including scaffolding, but excluding instruments and sensing devices, as may be necessary.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.283 Records and Reports

Any person subject to this Subpart ~~must~~ ~~shall~~ maintain ~~such~~ records and make ~~such~~ reports as ~~may be~~ required in procedures adopted by the Agency ~~under~~ ~~pursuant to~~ Subpart K.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART K: RECORDS AND REPORTS

Section 201.301 Records

- a) The owner or operator of any emission source or air pollution control equipment must maintain the following records, which must be made available to the Agency at any reasonable time:
 - 1) records detailing all activities under any compliance program and project completion schedule in compliance with Subpart H;
 - 2) records of all monitoring and testing conducted in compliance with Subpart J; ~~and, plus~~
 - 3) records of all monitoring and testing of any type conducted with respect to specified air contaminants. ~~All records must be made available to the~~

~~Agency at any reasonable time.~~

- ~~ba)~~ The Agency may adopt procedures which:
 - 1) Require maintaining additional records ~~be maintained~~ consistent with this Part; and
 - 2) Specify the format in which all records must be maintained.
- ~~cb)~~ The procedures and formats, and revisions to them, will not become effective until filed with the Secretary of State as required by the Illinois Administrative Procedure Act (~~{5 ILCS 100}~~).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.302 Reports

- a) The owner or operator of any emission unit or air pollution control equipment meeting the applicability criteria ~~contained~~ in 35 Ill. Adm. Code 254.102 ~~must~~shall submit to the Agency, as a minimum, annual reports detailing the nature, specific emission units, and total annual quantities of all specified air contaminant emissions. ~~However, provided, however, that~~ the Agency may require more frequent reports when necessary to accomplish the purposes of the Act and this Chapter.
- b) The Agency may adopt procedures which require ~~submitting~~submitting additional reports ~~be submitted~~, and which ~~establish~~set forth the format in which all reports ~~must~~shall be submitted. ~~These~~Such procedures and formats, and revisions to them will thereto, shall not become effective until filed with the Secretary of State as required by the Illinois Administrative Procedure Act (5 ILCS 100).
- c) All emission data received by the Agency ~~must~~shall be available for public inspection at reasonable times and upon reasonable notice.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART L: CONTINUOUS MONITORING

Section 201.401 Continuous Monitoring Requirements

- a) Except as otherwise provided at ~~Sections~~Section 201.402 and ~~Section~~ 201.403, the owners and operators of the following emission sources ~~must~~shall install, operate, calibrate, and maintain continuous monitoring equipment for the

2271 indicated pollutants.

2272

2273 1) Fossil fuel-fired steam generators with an annual average capacity factor
 2274 greater than 30%, as reported to the Federal Power Commission for
 2275 calendar year 1974, or as otherwise demonstrated to the Agency through
 2276 ~~the use of~~ annual production data and equipment rating information
 2277 representative of the facility's operations, ~~must~~ shall monitor for:

2278

2279 A) Opacity, when the steam generator is greater than 250

2280 ~~MMbtu/hr~~ million Btu per hour heat input, unless:

2281

2282 i) Gas is the only fuel burned; or

2283

2284 ii) Oil or a mixture of gas and oil are the only fuels burned, ~~and~~
 2285 ~~and~~ the source can comply with the limitations applicable
 2286 to ~~that~~ source for ~~PM~~ particulate matter and opacity
 2287 without ~~using~~ use of collection equipment for
 2288 ~~PM~~ particulate matter and the source has never been found
 2289 to ~~violate~~ be in violation of an applicable visible or
 2290 particulate emission standard through any administrative or
 2291 judicial proceedings.

2292

2293 B) Nitrogen oxides, when:

2294

2295 i) The steam generator is greater than ~~1,000~~ MMbtu/hr ~~1000~~
 2296 ~~million Btu per hour~~ heat input;

2297

2298 ii) The facility is located in an Air Quality Control Region
 2299 where the Administrator ~~of the USEPA, U.S.~~
 2300 ~~Environmental Protection Agency~~, has specifically
 2301 determined ~~under~~ pursuant to Section 107 of the Clean Air
 2302 Act (42 U.S.C. 7407) that a control strategy for nitrogen
 2303 dioxide is necessary to attain the national standards; and

2304

2305 iii) The owner or operator has not demonstrated during
 2306 compliance tests that the source emits ~~NO_x~~ nitrogen oxides
 2307 at levels less than 30% or more below the emissions
 2308 standards applicable to that source. ~~These~~ Such compliance
 2309 tests ~~must~~ shall be performed ~~in compliance with~~ pursuant to
 2310 regulations promulgated by the ~~USEPA~~ U.S. Environmental
 2311 ~~Protection Agency~~ under Section 111 of the ~~CAA~~ Clean Air
 2312 ~~Act~~ (42 ~~U.S.C.~~ USC 7411), as amended. *The provisions of*
 2313 *Section 111 of the Clean Air Act...relating to standards of*

performance for new stationary sources...are applicable in this State and are enforceable under the Act (415 ILCS 5/9.1(b))~~the Environmental Protection Act~~. (Ill. Rev. Stat. ch. 111½, par. 1009.1(b))

C) Sulfur dioxide, when the steam generator is greater than 250 ~~MMbtu/hr~~~~million Btu per hour~~ heat input and ~~which~~ has installed and operates ~~SO₂~~~~sulfur dioxide~~ pollution control equipment.

D) Percent oxygen or ~~CO₂~~~~carbon dioxide~~, when measurements of oxygen or ~~CO₂~~~~carbon dioxide~~ in the flue gas are required in regulations adopted by the ~~USEPA~~~~U.S. Environmental Protection Agency~~ under Section 111 of the ~~CAA~~~~Clean Air Act~~, (42 ~~U.S.C.~~~~USC~~ 7411), as amended, to convert ~~SO₂~~~~sulfur dioxide~~ or ~~NO_x~~~~nitrogen oxide~~ continuous emissions data to units of the emission standard applicable to that source. *The provisions of Section 111 of the Clean Air Act relating to standards of performance for new stationary sources are applicable in this State and are enforceable under the Act (415 ILCS 5/9.1(b))~~the Illinois Environmental Protection Act~~. (Ill. Rev. Stat., ch. 111½, par. 1009.1(b))*

2) Sulfuric acid plants of greater than 300 tons per day production capacity, the production ~~being~~ expressed as ~~100%~~~~100 percent~~ acid, ~~must~~~~shall~~ monitor for ~~SO₂~~~~sulfur dioxide~~ at each point of ~~SO₂~~~~sulfur dioxide~~ emission.

3) Nitric acid plants of greater than 300 tons per day production capacity, the production capacity ~~being~~ expressed as ~~100%~~~~100 percent~~ acid, located in an Air Quality Control Region where the Administrator ~~of the USEPA~~~~U.S. Environmental Protection Agency~~, has specifically determined ~~under~~~~pursuant to~~ Section 107 of the ~~CAA~~~~Clean Air Act~~ that a control strategy for ~~NO_x~~~~nitrogen dioxide~~ is necessary to attain the national standard, ~~must~~~~shall~~ monitor for ~~NO₂~~~~nitrogen oxides~~ at each point of ~~NO₂~~~~nitrogen oxide~~ emission.

4) Petroleum refineries ~~must~~~~shall~~ monitor for opacity at each catalyst regenerator for fluid bed catalytic cracking units of greater than 20,000 barrels per day fresh feed capacity.

b) Except for sources permitted to use alternative monitoring ~~under~~~~pursuant to~~ Section 201.402, compliance with the Illinois emissions limitations by the owners and operators of emission sources required to monitor continuously ~~must~~~~shall~~ be determined by ~~using~~~~the use of~~ equipment which meets the performance

specifications ~~set forth~~ in paragraphs 3.1 through 3.8 of 40 CFR 51, Appendix P (20241987), ~~incorporated by reference in Section 201.104(f) (this incorporation includes no later amendments or editions)~~, and relevant regulations promulgated by the ~~USEPA U.S. Environmental Protection Agency~~ under Section 111 of the ~~CAA Clean Air Act~~ (42 ~~U.S.C. USC~~ 7411), as amended. *The provisions of Section 111 of the Clean Air Act relating to standards of performance for new stationary sources...are applicable in this State and are enforceable under the Act (415 ILCS 5/9.1(b)).* ~~[the Environmental Protection Act]. (Ill. Rev. Stat., ch. 111½, par. 1009.1(b))~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.402 Alternative Monitoring

Alternative monitoring requirements for sources subject to Section 201.401(a) ~~will~~**shall** be prescribed by permit ~~after the owner or operator demonstrates upon a demonstration by the owner or operator~~ that continuous monitoring is technically unreasonable or infeasible due to physical plant limitations or would impose an extreme economic burden. ~~The owner or operator must demonstrate~~**It shall be demonstrated** that the installation, location, or operation of a continuous monitoring system or device:

- a) Would not provide accurate determinations of ~~NO_xnitrogen dioxide, SO₂sulfur dioxide, CO₂carbon dioxide~~, percent oxygen, or opacity; ~~or~~
- b) Cannot be installed due to the facility's physical constraints, such as size, space, or strength of materials, or due to safety considerations; or
- c) Would impose an extreme economic burden in proportion to the significance of the monitoring information which would be provided, in that the cost of monitoring would exceed the norm for similar sources and those costs would have a significant adverse effect on the profitability of the operations.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.403 Exempt Sources

The following emission sources are exempt from the requirements of this Subpart:

- a) Any source subject to monitoring requirements which are part of a new source performance standard adopted by USEPA ~~under~~**pursuant to** Section 111 of the ~~CAA Clean Air Act~~ and made applicable in Illinois ~~under~~**pursuant to** Section 9.1 of the Act; or

2400 b) Any source not subject to either the generally applicable emission limitation
2401 established ~~underpursuant to~~ the Act or Board regulation or an alternative,
2402 adjusted, or ~~site-specificsite specific~~ standard approved by the Board.

2403
2404 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2405

2406 **Section 201.404 Monitoring System Malfunction**

2407
2408 The monitoring and recording requirements of this Subpart ~~do not applyshall not be applicable~~
2409 during any period of a monitoring system or device malfunction if ~~demonstrated by~~ the owner or
2410 operator of the source ~~demonstrates~~ that the malfunction was unavoidable and is being repaired
2411 as expeditiously as practicable. This demonstration may include, ~~but is not limited to,~~ evidence
2412 that the device has been properly calibrated and maintained, adequate spare parts are on hand,
2413 and trained technicians are available to make repairs.

2414
2415 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2416

2417 **Section 201.405 Excess Emission Reporting**

2418
2419 Owners and operators of sources subject to the continuous monitoring requirements of this
2420 Subpart ~~mustshall~~ report the following information:

2421
2422 a) For periods of emissions ~~exceedingin excess of~~ any emission limitation applicable
2423 to the source adopted by the Board:

- 2424
- 2425 1) The starting date and time of the excess emissions;
 - 2426 2) The duration of the excess emissions;
 - 2427 3) The magnitude of excess emissions;
 - 2428 4) The cause of the excess emissions, if known;
 - 2429 5) Corrective actions and actions taken to lessen the emissions;
 - 2430 6) The operating status of the monitoring system, including the dates and
2431 times of any periods during which it was inoperative; and
 - 2432 7) Other information, including ~~but not limited to,~~ monitoring location,
2433 monitoring maintenance records, and source operating hours, which the
2434 Agency may require by permit.

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2441
2442 b) For gaseous ~~SO₂sulfur dioxide~~, percent oxygen, or ~~CO₂carbon dioxide~~

measurements, the averaging period used for data reporting ~~must~~ correspond to the averaging period used to determine compliance with the emission limitation applicable to the source. The report ~~must~~ consist of emission averages in the units of the applicable limitation for each averaging period during which the limitation was exceeded.

- c) For opacity measurements, the report ~~must~~ be based on ~~six-minute~~ averages of opacity and contain:
 - 1) The percent opacity for each continuous opacity excess period; and
 - 2) The start and stop time in ~~six-minute~~ increments of any opacity measurements ~~exceeding~~ the limitation.
- d) If there were no excess emissions during the reporting period, the report ~~must~~ ~~so~~ state ~~this~~ and include information about the operating status of the monitoring equipment during that period.
- e) Reports ~~must~~ be submitted within 45 days ~~after~~ the end of every calendar quarter.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.406 Data Reduction

To convert monitoring data to the units of the emission limitation, owners and operators of sources subject to this Subpart ~~must~~ use:

- a) ~~Regulations~~~~The procedures specified in 35 Ill. Adm. code 230 or in regulations~~ adopted by the ~~USEPA~~~~U.S. Environmental Protection Agency~~ under Section 111 of the ~~CAA~~~~Clean Air Act~~ and made applicable in Illinois ~~under~~~~pursuant to~~ Section 9.1 of the ~~Illinois Environmental Protection Act~~; ~~or where necessary~~
- b) ~~Where necessary, the~~The procedures ~~specified~~ in 40 CFR 51, Appendix P, paragraph 5 (2024), ~~incorporated by reference in Section 201.104(f)(1987). This incorporation includes no later amendments or editions;~~ or
- c) Alternative measurement and data reduction methods, ~~may be utilized~~ if ~~demonstrated by~~ the owner or operator of the affected source ~~demonstrates~~ by means including, ~~but not limited to,~~ instrument accuracy tests that ~~these~~ such alternative methods will provide information equivalent to the information which would be provided by the ~~above~~ methods ~~in subsections (a) and (b).~~

2486 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2487

2488 **Section 201.407 Retention of Information**
 2489

2490 Owners and operators of sources which are subject to the monitoring and recording requirements
 2491 of this Subpart ~~mustshall~~ maintain files of emission information at the facility and make the
 2492 information available to the Agency upon request. This information ~~mustshall~~ be retained for at
 2493 least two years ~~afterfrom~~ the date of collection; and ~~mustshall~~ include:

- 2494 a) Emission measurements;
- 2495 b) Continuous monitoring system performance testing measurements;
- 2496 c) Performance evaluations;
- 2497 d) Calibration checks;
- 2498 e) Maintenance and adjustments performed;
- 2499 f) Quarterly reports submitted ~~underpursuant to~~ Section 201.405; and
- 2500 g) Data reduction information used ~~underpursuant to~~ Section 201.406.

2501 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2502

2503 **Section 201.408 Compliance Schedules**
 2504

2505 Owners and operators of sources subject to Section 201.401 ~~mustshall~~ install all necessary
 2506 equipment and monitor in ~~complianceaceordance~~ with the compliance schedule ~~contained~~ in the
 2507 permit issued by the Agency. This schedule ~~mustshall~~ provide that monitoring and recording
 2508 begin within 18 months ~~after USEPA approvesof~~ this Subpart ~~underbeing approved by the~~
 2509 ~~USEPA pursuant to~~ Section 110(a)(3)(A) of the ~~CAAClean Air Act~~ as a revision to the State
 2510 Implementation Plan, unless the owner or operator has been granted a variance ~~underpursuant to~~
 2511 Section 35(a) of the Act allowing a longer compliance schedule.

2512 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2513

2514 SUBPART M: PERMIT BY RULE (PBR) –
 2515 GENERAL PROVISIONS

2516 **Section 201.500 Purpose**
 2517

2528 The purpose of this Subpart is to implement the PBR program ~~underprovided for in~~ Section
 2529 39.12 of the Act for classes of emission units described in this and following Subparts that
 2530 address specific types of units covered by the PBR program. By fulfilling all the applicable
 2531 requirements of this Subpart and the applicable Subpart for the specific type of emission unit, an
 2532 owner or operator of a source seeking a PBR for an emission unit is considered to have met the
 2533 requirement to submit an application for a construction permit and obtain ~~that such a~~ construction
 2534 permit ~~underpursuant to~~ Section 9(b) of the Act and 35 Ill. Adm. Code 201.142, 201.152, and
 2535 201.160(a).

2536
 2537 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2538

2539 **Section 201.505 Applicability**

- 2540
- 2541 a) An owner or operator of a source is eligible to obtain a PBR for a proposed new
 2542 or modified emission unit if:
 - 2543 1) The proposed emission unit will be located at a CAAPP source that has a
 2544 CAAPP permit ~~underpursuant to~~ Section 39.5 of the Act;
 - 2545 2) There is a PBR that has been adopted and become effective within this
 2546 Part that is applicable to the proposed emission unit;
 - 2547 3) The proposed emission unit, either alone or as part of a larger project, is
 2548 not subject to any pre-construction permitting requirements for a major
 2549 new source or major modification ~~underpursuant to~~ 40 CFR 52.21 or
 2550 Section 9.1(c) of the Act, including 35 Ill. Adm. Code 203 and any other
 2551 regulations adopted ~~underpursuant to~~ Section 9.1(c) of the Act; and
 - 2552 4) The proposed emission unit is not an element in a larger project that
 2553 otherwise requires a construction permit ~~underpursuant to~~ this Part or the
 2554 Act. - 2555 b) A PBR does not:
 - 2556 1) Exempt any owner or operator from the requirements of the CAA or the
 2557 Act, including determining whether construction or modification of an
 2558 emission unit, by itself or as part of a project, constitutes a major
 2559 modification or major source;
 - 2560 2) Exempt any owner or operator from any requirement to notify the Agency
 2561 or list insignificant activities and emissions levels for CAAPP permit
 2562 purposes;
 - 2563
 - 2564
 - 2565
 - 2566
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 - 2569
 - 2570

- 2571 3) Relieve the owner or operator of a source from the requirement of
- 2572 including the emissions associated with the emission unit in any pre-
- 2573 construction permitting application for a major new source or major
- 2574 modification ~~underpursuant to~~ 40 CFR 52.21 or Section 9.1(c) of the Act,
- 2575 including 35 Ill. Adm. Code 203 and any other regulations adopted
- 2576 ~~underpursuant to~~ Section 9.1(c) of the Act;
- 2577
- 2578 4) Relieve the owner or operator of the emission unit from any applicable
- 2579 requirements of Section 39.5 of the Act for the emission unit, including
- 2580 any requirement to submit a timely application for a new or modified
- 2581 CAAPP permit that addresses the emission unit; or
- 2582
- 2583 5) Relieve the owner or operator of the source from compliance with other
- 2584 applicable statutes and regulations of the United States or the State of
- 2585 Illinois; or with applicable local laws, ordinances, and regulations.
- 2586

2587 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2588

2589 **Section 201.510 Notice of Intent to Be Covered by a PBR (Notification)**

- 2590
- 2591 a) An owner or operator of a source seeking to construct or modify an emission unit
- 2592 ~~underpursuant to~~ this Subpart ~~M~~ and the applicable PBR Subpart must submit a
- 2593 complete Notification, including fees, ~~beforeprior to~~ commencing construction or
- 2594 modification of the emission unit. A complete Notification containing the
- 2595 following information and fees must be submitted to the Agency's Permit Section
- 2596 at the address ~~provided~~ in Section 201.530(f)(1):
- 2597
- 2598 1) The owner's or operator's name, the name of the source, and the applicable
- 2599 Agency Bureau of Air Identification Number;
- 2600
- 2601 2) ~~The name~~Name, site address, mailing address (if different from site
- 2602 address), e-mail address, and telephone number of the source's contact;
- 2603
- 2604 3) ~~A statement~~Statement ~~noting~~ whether the emission unit is a new emission
- 2605 unit or a modified emission unit (including a reconstructed emission unit);
- 2606
- 2607 4) The location of the emission unit at the source;
- 2608
- 2609 5) The identity of the new emission unit or the identity of the current
- 2610 emission unit ~~beforeprior to~~ modification, applicable permit numbers, and
- 2611 the description of the modification or reconstruction of the emission unit;
- 2612
- 2613 6) A statement that indicates which PBR applies to the emission unit;

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- 7) A statement ~~as to~~ whether the proposed emission unit will be an element in a larger project; if it is, all ~~of~~ the following information must also be included:
 - A) A description of the larger project;
 - B) A statement describing why a construction permit will not be required for any element of that project; and
 - C) A demonstration that the potential emissions of each regulated NSR pollutant, as defined in 40 CFR 52.21, as incorporated by reference in Section 201.104, from the project will be less than 80 percent of the relevant significant emission rates under 40 CFR 52.21, 35 Ill. Adm. Code 203, and any other regulations adopted ~~underpursuant to~~ Section 9.1(c) of the Act;
 - 8) Identification of construction permits and PBRs received in the last two years and a demonstration that the requested PBR should not be aggregated with, and considered an element of, any of these projects that were addressed by the construction permits and PBRs identified;
 - 9) The specific information required by the applicable PBR Subpart Notification requirement for this type of emission unit;
 - 10) A statement ~~noting~~ whether the source is major or non-major for emissions of HAPs ~~underpursuant to~~ Section 39.5(2)(c)(i) of the Act. If the source is non-major, the Notification must include documentation for the determination;
 - 11) A certification signed by the responsible official, as defined in Section 39.5 of the Act, that, under penalty of law, based on information and belief formed after reasonable inquiry, the statements and information ~~contained~~ in the Notification are true, accurate, and complete and that the emission unit is eligible for the PBR selected ~~underpursuant to~~ subsection (a)(6); and
 - 12) Payment of the fee that applies to the owner or operator of the source ~~underpursuant to~~ Section 9.12 of the Act for the proposed construction or modification of a single emission unit.
- b) The Agency ~~mustwill~~ acknowledge receipt of the Notification within 30 days.

2657 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2658

2659 **Section 201.515 Commencing Construction or Modification**
 2660

- 2661 a) For the emission unit addressed by a complete Notification, the owner or operator
 2662 of the source may commence construction or modification after submittal of a
 2663 complete Notification in ~~compliance~~ ~~accordance~~ with Section 201.510.
 2664
- 2665 b) If the submitted Notification is incomplete, the emission unit is not covered by a
 2666 PBR, and the owner or operator has not met the requirement to submit an
 2667 application for a construction permit and to obtain the construction permit
 2668 ~~underpursuant to~~ Section 9(b) of the Act and 35 Ill. Adm. Code 201.142, 201.152,
 2669 and 201.160(a). The owner or operator of the source may not commence
 2670 construction or modification of the emission unit until it has submitted a complete
 2671 Notification to the Agency in ~~compliance~~ ~~accordance~~ with Section 201.510 or
 2672 received a construction permit issued by the Agency.
 2673

2674 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2675

2676 **Section 201.520 Modification or Change in Status of an Emission Unit Covered by a PBR**
 2677

- 2678 a) If the owner or operator proposes to modify an emission unit covered by a PBR,
 2679 the owner or operator of the source must submit a new Notification for a PBR or
 2680 obtain a construction permit for the modification ~~underpursuant to~~ this Part and
 2681 the Act, as applicable.
 2682
- 2683 b) If a proposed modification of the source at which an emission unit covered by a
 2684 PBR is located will cause the source to become a major source of HAPs as
 2685 defined in Section 39.5(2)(c)(i) of the Act, the owner or operator must submit a
 2686 new Notification for a PBR for the emission unit.
 2687

2688 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2689

2690 **Section 201.525 Standard Conditions for PBR**
 2691

- 2692 a) ~~Duration.~~ A PBR ~~expires~~ ~~will expire~~ one year ~~after~~ ~~from~~ the date of submittal of
 2693 the complete Notification, unless a continuous program of construction on this
 2694 project has commenced by that time.
 2695
- 2696 b) The construction covered by a PBR must be performed in compliance with
 2697 applicable provisions of the PBR, the Act, and regulations adopted by the Board.
 2698

- 2699 c) The owner or operator of the emission unit must comply with all applicable
2700 requirements of this Subpart ~~M~~ and the applicable PBR Subpart.
- 2701
- 2702 d) The owner or operator of the emission unit must submit an updated Fee
2703 Determination for CAAPP Permit form ~~before~~prior to commencing operation of
2704 the proposed emission unit if there is an increase in allowable emissions over the
2705 existing permitted allowable emissions for fee purposes ~~because~~as a result of the
2706 construction or modification of the emission unit.
- 2707

2708 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2709

2710 Section 201.530 Recordkeeping and Reporting

2711

2712 The owner or operator of the emission unit must:

- 2713
- 2714 a) Keep and maintain all records used to demonstrate initial compliance and ongoing
2715 compliance with the applicable requirements of this Subpart ~~M~~ and the applicable
2716 PBR Subpart ~~and, as well as~~ any additional records required by and reported
2717 ~~under~~pursuant to those Subparts, for at least five years ~~after~~from the date the
2718 document is created and make all records available to the Agency for inspection
2719 and copying upon request. These records include any records required by State or
2720 federal laws or regulations and any materials submitted to the Agency or USEPA
2721 pertaining to the emission unit. Any record retained in an electronic format must
2722 be capable of being retrieved and printed on paper during normal source office
2723 hours.
- 2724
- 2725 b) Notify the Agency of the emission unit's actual start-up date ~~within~~no later than
2726 30 days after that date, unless an earlier date is specified in the applicable PBR.
- 2727
- 2728 c) Except as otherwise provided in this Subpart ~~M~~ or the applicable PBR Subpart,
2729 submit a written report of any deviations from the applicable emission standards,
2730 emission limitations, operational restrictions, qualifying criteria, work practice
2731 requirements, or control equipment operating parameter limitations ~~set forth~~in
2732 this Subpart ~~M~~ and the applicable PBR Subpart. The report must be submitted to
2733 the Agency within 30 days after the date the deviation occurred and must describe
2734 the deviation (including the date, time, and duration of the deviation), identify the
2735 specific requirement from which the deviation occurred and the total amount of
2736 excess emissions during the deviation, and describe the probable cause of the
2737 deviation and any corrective actions or preventive measures that have been or will
2738 be taken.
- 2739
- 2740 d) If required to conduct a performance test:
- 2741

- 2742 1) Submit to the Agency a testing protocol as required by the applicable PBR
 2743 Subpart at least 45 days ~~before~~~~prior to~~ the scheduled performance test.
 2744 Upon written request directed to the Bureau of Air's Compliance Section,
 2745 the Agency may waive the 45-day requirement. A waiver is ~~only~~-effective
 2746 ~~only~~ if the Bureau of Air provides it~~it is provided~~ in writing ~~by the Bureau~~
 2747 ~~of Air~~;
- 2748
- 2749 2) Notify the Agency in writing of the date of performance testing at least 30
 2750 days ~~before~~~~prior to~~ testing and again 5 days ~~before~~~~prior to~~ the testing,
 2751 unless the emission unit is subject to other State or federal requirements
 2752 that specify a longer notification period. Upon written request directed to
 2753 the Bureau of Air's Compliance Section, the Agency may waive either or
 2754 both of these requirements. A waiver is ~~only~~-effective ~~only~~ if the Bureau
 2755 of Air provides it~~it is provided~~ in writing ~~by the Bureau of Air~~;
- 2756
- 2757 3) If, after the 30-day notice for an initially scheduled performance test is
 2758 sent, there is a delay (e.g., due to operational problems) in conducting the
 2759 test as scheduled, notify the Agency of the delay in the original test date,
 2760 directed to the Bureau of Air's Compliance Section, as soon as practicable.
 2761 This must be done either by providing at least a 7-day notice of the
 2762 rescheduled date of the test or by arranging a new test date with the
 2763 Agency by mutual agreement;
- 2764
- 2765 4) ~~Within~~~~Not later than~~ 60 days after ~~completing the completion of~~ the
 2766 performance test, submit the results of the test to the Agency.
- 2767
- 2768 e) Submit any monitoring information required by the PBR as part of the Semi-
 2769 Annual Monitoring Report required by the source's CAAPP permit.
- 2770
- 2771 f) Provide copies of all required reports and Notifications as follows:
- 2772
- 2773 1) One copy of the new or amended Notification must be sent to:
- 2774
- 2775 Illinois Environmental Protection Agency
 2776 Bureau of Air
 2777 Permit Section (#11)
 2778 2520 West Iles Avenue
 2779 P.O. Box 1927649506
 2780 Springfield, Illinois 62794-92769506
- 2781
- 2782 2) One copy of all other reports and notices must be sent to:
- 2783
- 2784 Illinois Environmental Protection Agency

2785 Bureau of Air
2786 Compliance Section (#40)
2787 2520 West Iles Avenue
2788 P.O. Box 19276
2789 Springfield, Illinois 62794-9276
2790

2791 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2792

2793 **Section 201.535 Authority to Operate**
2794

2795 For eligible emission units under Section 201.505, the owner or operator of a proposed emission
2796 unit must submit a complete application to the Agency for a minor modification to the CAAPP
2797 permit for the source to address the emission unit, ~~underpursuant to~~ Section 39.5(14) of the Act,
2798 before the emission unit begins operation. The application for minor permit modification must
2799 address all applicable requirements ~~contained~~ in this Subpart ~~M~~, the applicable PBR Subpart, and
2800 Section 39.5(14) of the Act. ~~Under Pursuant to~~ Section 39.5(14)(a)(vi) of the Act, the owner or
2801 operator may begin operating the emission unit immediately after it files the application. Until
2802 the Agency takes any of the actions ~~specified~~ in Section 39.5(14)(a)(v)(A) through (C) of the
2803 Act, the owner or operator must comply with both the applicable requirements governing the
2804 emission unit and the proposed terms and conditions of the suggested draft of the modified
2805 CAAPP permit in the application, ~~underpursuant to~~ Section 39.5(14)(a)(iii)(B) of the Act.
2806

2807 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2808

2809 **Section 201.540 Enforcement Authority**
2810

2811 Nothing in this Subpart limits the State's authority to seek penalties and injunctive relief for any
2812 violation of any applicable State law or regulation. Nothing in this Subpart limits the right of the
2813 federal government or any person to directly enforce against owners or operators due to actions
2814 or omissions that constitute violations of permits required by the CAA or applicable laws and
2815 regulations.
2816

- 2817 a) Any owner or operator of a source that commences construction or modification
2818 of an emission unit and submits a Notification ~~underpursuant to~~ Section 201.510
2819 that is incomplete, or fails to submit any Notification, is deemed to have
2820 constructed without the benefit of a permit under Section 9(b) of the Act and 35
2821 Ill. Adm. Code 201.142, 201.152, and 201.160(a), unless the Agency has issued a
2822 construction permit other than a PBR for the emission unit ~~underpursuant to~~
2823 Section 9(b) of the Act. A violation exists even if it is determined that the
2824 Notification was incomplete after construction or modification has already
2825 occurred.
2826

- 2827 b) Any owner or operator of a source that submits a Notification and commences
 2828 operation of an emission unit covered by a PBR, but fails to submit a complete
 2829 application for a minor modification to the CAAPP permit in
 2830 ~~compliance~~ ~~accordance~~ with Section 39.5(14) of the Act, is deemed to have
 2831 operated without the benefit of a permit under Section 39.5(6)(b) of the Act. A
 2832 violation exists even if it is determined that the application for a minor permit
 2833 modification was incomplete after operation has already occurred.
 2834
- 2835 c) Any owner or operator of an emission unit covered by a PBR that violates any
 2836 condition of this Subpart or the applicable PBR Subpart is deemed to have
 2837 violated Sections 39.12(e) and 9(b) of the Act ~~and, as well as~~ any other applicable
 2838 State or federal regulation or portion of the Act. If ~~such~~ a violation occurs after
 2839 the emission unit has commenced operation, the owner or operator is also deemed
 2840 to have violated Section 39.5(6)(a) of the Act.
 2841

2842 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2843

2844 SUBPART N: PERMIT BY RULE (PBR) –
 2845 BOILERS LESS THAN OR EQUAL TO 100 MMBTU/HR
 2846

2847 **Section 201.600 Applicability**
 2848

2849 An owner or operator of a source seeking a PBR for a new or modified boiler is eligible to obtain
 2850 a PBR under this Subpart ~~N~~-if:

- 2851 a) The boiler has a maximum design heat input capacity of:
 2852
 2853 1) Less than or equal to 50 ~~MMbtu/hr~~ ~~MMBTu/hr~~; or
 2854
 2855 2) Greater than 50 ~~MMbtu/hr~~ ~~MMBTu/hr~~ and less than or equal to 100
 2856 ~~MMbtu/hr~~ ~~MMBTu/hr~~ and is equipped with low-NO_x burners designed by
 2857 the manufacturer to meet a NO_x emission limit of not greater than 0.05
 2858 ~~lb/MMbtu~~ ~~lb/MMBTu~~;
 2859
 2860 b) The boiler primarily burns pipeline natural gas, butane, propane, or refinery fuel
 2861 gas;
 2862
 2863 c) The only backup or reserve fuel burned in the boiler is diesel fuel, butane, or
 2864 propane. If diesel fuel is the backup fuel, ~~the~~ burning ~~of~~ diesel fuel in the boiler
 2865 must be such that, as appropriate, the boiler is a "unit designed to burn gas 1
 2866 subcategory," as defined by 40 CFR 63.7575, incorporated by reference in
 2867 Section 201.104(e), or a "gas-fired boiler," as defined by 40 CFR 63.11237, ~~as~~
 2868 incorporated by reference in Section 201.104(e); and
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- d) The emissions from the boiler consist entirely of the products of fuel combustion.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.605 Boiler Notice of Intent to Be Covered by a PBR (Notification)

The Notification for a PBR ~~underpursuant to~~ this Subpart must also include the following information, in addition to the information ~~inspecified by~~ Section 201.510:

- a) The primary fuel that will be burned by the boiler, along with the maximum rated heat input capacity of the boiler (~~MMbtu/hr~~~~MMBtu/hr~~) and a copy of the manufacturer's specifications for the boiler.
- b) Whether the boiler would be a temporary boiler as defined by 40 CFR 60.41c and 63.7575 or 63.11237, ~~as~~ incorporated by reference in Section 201.104, and, if it would be, a demonstration that the criteria ~~set forth~~ in the definition of a temporary boiler are met, and the expected period or periods in which the boiler would be at a location or locations at the source.
- c) The potential emissions of individual pollutants from the boiler in lb/hr, tons/month, and tons/year, including emissions of PM, PM₁₀ (including both filterable and condensable particulate), PM_{2.5} (including both filterable and condensable particulate), NO_x, CO, VOM, and SO₂, based on continuous operation of the boiler at its rated heat input capacity combusting its primary fuel, with supporting documentation and calculations.
- d) Whether the boiler will have the capability to burn diesel fuel, butane, propane, or refinery fuel gas and, if so, the potential SO₂ emissions of the boiler from the use of such fuel.
- e) If the boiler or the source at which the boiler would be located does not meet the applicability criteria in 35 Ill. Adm. Code 217.150(a)(1)(A) or (a)(1)(B), an identification of the criteria that are not met, with explanation.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 201.610 Federal NSPS and NESHAP Requirements

The owner or operator must comply with ~~the requirements of~~ all applicable federal regulations for the PBR boiler, including the following limits, work practice standards, testing, monitoring, recordkeeping, and reporting requirements:

- 2913 a) 40 CFR 60, subpart A, Standards of Performance for New Stationary Sources:
2914 General Provisions, ~~as~~-incorporated by reference in Section 201.104.
2915
- 2916 b) 40 CFR 60, subpart Dc, Standards of Performance for Small Industrial-
2917 Commercial-Institutional Steam Generating Units, ~~as~~-incorporated by reference in
2918 Section 201.104.
2919
- 2920 c) 40 CFR 63, subpart A, National Emission Standards for Hazardous Air Pollutants
2921 for Source Categories: General Provisions, ~~as~~-incorporated by reference in
2922 Section 201.104.
2923
- 2924 d) 40 CFR 63, subpart DDDDD, National Emission Standards for Hazardous Air
2925 Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers
2926 and Process Heaters, ~~as~~-incorporated by reference in Section 201.104.
2927
- 2928 e) 40 CFR 63, subpart JJJJJ, National Emission Standards for Hazardous Air
2929 Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources, ~~as~~
2930 incorporated by reference in Section 201.104.
2931

2932 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2933

2934 **Section 201.620 Requirements for Use of Diesel Fuel and Refinery Fuel Gas**
2935

- 2936 a) For a PBR boiler to burn diesel fuel as a backup fuel, the owner or operator must:
2937
- 2938 1) Comply with the applicable provisions of 35 Ill. Adm. Code 214.Subpart
2939 B or D when burning diesel fuel;
2940
- 2941 2) Comply with the particulate emission standard in 35 Ill. Adm. Code
2942 212.206 when diesel fuel is burned;
2943
- 2944 3) Maintain records that include the following information:
2945
- 2946 A) Date, time, and duration of any period when diesel fuel was fired
2947 in the boiler;~~5~~ the amount of diesel fuel that was fired;~~5~~ and the
2948 reason diesel fuel was fired, e.g., gas curtailment, gas supply
2949 interruption, or periodic operational testing;
2950
- 2951 B) The total duration of periodic operational testing or other activity
2952 while firing diesel fuel (number of hours of operation per calendar
2953 year); and
2954

- 2955 C) The actual SO₂ emissions of the boiler from use of diesel fuel
- 2956 (tons/month and tons/year), with supporting calculations.
- 2957
- 2958 b) For a PBR boiler to burn refinery fuel gas, the owner or operator must use fuel
- 2959 gas at a petroleum refinery from a fuel gas system that is subject to and meeting
- 2960 the requirements for compliance with the limits for H₂S content of fuel gas in 40
- 2961 CFR 60.102a(g)(1)(ii), ~~as~~ incorporated by reference in Section 201.104.
- 2962
- 2963 (Source: Amended at 50 Ill. Reg. _____, effective _____)
- 2964

Section 201.625 Carbon Monoxide (CO) Requirements

2965 ~~Under Pursuant to~~ 35 Ill. Adm. Code 216.121, ~~an~~ owner or operator of a PBR boiler must

2966 not may cause or allow the emission of CO into the atmosphere from any fuel combustion

2967 emission source with actual heat input greater than 2.9 MW (10 ~~MMbtu/hr~~MMBtu/hr) to exceed

2968 200 ppm, corrected to ~~50%~~50 percent excess air.

2969

2970

2971

2972 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2973

Section 201.630 Nitrogen Oxide (NO_x) Requirements

The owner or operator of the PBR boiler must comply with the following, as applicable:

- 2974
- 2975
- 2976 a) If the PBR boiler is subject to ~~the requirements of~~ 35 Ill. Adm. Code 217.Subpart
- 2977 D, comply with all the applicable requirements of 35 Ill. Adm. Code 217.Subparts
- 2978 D and E;
- 2979
- 2980
- 2981 b) If the PBR boiler is subject to ~~the requirements of~~ 40 CFR 63.subpart DDDDD,
- 2982 comply with all applicable requirements, including the combustion tuning work
- 2983 practice requirements of 40 CFR 63.7540(a)(10), ~~as~~ incorporated by reference in
- 2984 Section 201.104; and
- 2985
- 2986
- 2987 c) For a boiler with a maximum design heat input capacity greater than 50
- 2988 ~~MMbtu/hr~~MMBtu/hr, and not subject to either 35 Ill. Adm. Code 217.Subpart D
- 2989 or 40 CFR 63, subpart DDDDD, conduct combustion tuning for the boiler. This
- 2990 tuning must be conducted in each calendar year in which the boiler is operated,
- 2991 except for the calendar year in which the boiler first starts up and the calendar
- 2992 year in which the boiler is permanently removed from service. The combustion
- 2993 tuning must be conducted ~~under as specified by~~ 40 CFR 63.7540(a)(10)(i) through
- 2994 (vi), ~~as~~ incorporated by reference in Section 201.104, and must be conducted
- 2995 while burning the type of fuel that provided the majority of the heat input to the
- 2996 boiler over the 12 months ~~before prior to~~ the tune-up.
- 2997

2998 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2999

3000 Section 201.APPENDIX A Rule Into Section Table (Repealed)

3001

RULE	SECTION
101	201.102
102	201.141
103(a)(1)	201.142
103(a)(2)	201.152
103(a)(3)	201.153
103(a)(4)	201.154
103(a)(5)	201.155
103(a)(6)	201.156
103(b)(1)	201.143
103(b)(2)	201.144, Appendix C
103(b)(3)	201.157
103(b)(4)	201.158
103(b)(5)	201.159
103(b)(6)(A)-(F)	201.160
103(b)(6)(G)	Appendix C
103(b)(7)	201.161
103(b)(8)	201.162
103(e)	201.163
103(d)	201.164
103(e)	201.165
103(f)	201.207
103(g)	201.209
103(h)	201.121
103(i)	201.146
103(j)	201.147
103(k)	201.210
104(a)(1)	201.148(a)
104(a)(2)	215.606, 215.182
104(a)(3)	201.148(b)
104(b)(1)	201.241, 215.213
104(b)(2)	201.242(a)
104(b)(3)	201.242(b)
104(e)	201.243
104(d)	201.244
104(e)	201.245
104(f)	201.246
104(g)	201.247, Appendix C

104(h)	215.126, 215.212, 215.407, 215.466, 215.605
105(a)	201.149
105(b)	201.261
105(c)	201.262
105(d)	201.263
105(e)	201.264
105(f)	201.265
106(a)	201.281
106(b)	201.282
106(c)	201.283
107(a)	201.301
107(b)	201.302
108	201.122
109	201.150
110	201.151
111	201.123
112	201.124
113	201.125
114	201.126

3002
3003 (Source: Repealed at 50 Ill. Reg. _____, effective _____)
3004

3005 **Section 201.APPENDIX B Section Into Rule Table (Repealed)**
3006

SECTION	RULE
201.101	—
201.102	101
201.103	—
201.104	—
201.121	103(h)
201.122	108
201.123	111
201.124	112
201.125	113
201.126	114
201.141	102
201.142	103(a)(1)
201.143	103(b)(1)
201.144	103(b)(2)
201.146	103(i)
201.147	103(j)

201.148(a)	104(a)(1)
201.148(b)	104(a)(3)
201.149	105(a)
201.150	109
201.151	110
201.152	103(a)(2)
201.153	103(a)(3)
201.154	103(a)(4)
201.155	103(a)(5)
201.156	103(a)(6)
201.157	103(b)(3)
201.158	103(b)(4)
201.159	103(b)(5)
201.160	103(b)(6)(A)-(F)
201.161	103(b)(7)
201.162	103(b)(8)
201.163	103(c)
201.164	103(d)
201.165	103(e)
201.207	103(f)
201.209	103(g)
201.210	103(k)
201.241	104(b)(1)
201.242	104(b)(2) and (3)
204.243	104(c)
201.244	104(d)
201.245	104(e)
201.246	104(f)
201.247	104(g)
201.261	105(b)
201.262	105(c)
201.263	105(d)
201.264	105(e)
201.265	105(f)
201.281	106(a)
201.282	106(b)
201.283	106(c)
201.301	107(a)
201.302	107(b)
Appendix C	103(b)(2), 103(b)(6)(G), 104(g)

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(Source: Repealed at 50 Ill. Reg. _____, effective _____)

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Section 201.APPENDIX C Part Compliance Dates (Repealed)

~~Rule 103(b)(2)~~

~~Operating permits were required as follows:~~

SOURCE CLASSIFICATION	DATE OPERATING PERMIT REQUIRED
Primary Metal Industry Operations as defined by code 33 of the "Standard Industrial Classification Manual"	By December 1, 1972
Rubber and Plastics Products Industry Operations as defined by code 30 of the "Standard Industrial Classification Manual"	By December 1, 1972
Chemicals and Allied Products Industry Operations as defined by code 28 of the "Standard Industrial Classification Manual"	By January 1, 1973
Food and Kindred Products Industry Operations as defined by code 20 and Printing and Publishing Industry Operations as defined by code 27 of the "Standard Industrial Classification Manual"	By February 1, 1973
Petroleum and Coal Products Industry Operations as defined by code 29 of the "Standard Industrial Classification Manual" and bituminous cement (asphalt) plants	By February 1, 1973
Stone, Clay and Glass Products and Paper and Allied Products Industry Operations as defined by code 32 and 26 of the "Standard Industrial Classification Manual" and all painting operations using in excess of 5,000 gallons of paint (including thinner) per year	By March 1, 1973
Incinerators	By April 1, 1973

~~Electric, Gas, and Sanitary Services as defined by code 49 of the "Standard Industrial Classification Manual" and coal fired boilers~~ By May 1, 1973

~~Gas and Oil fired boilers and all other emission sources or air pollution control equipment not listed previously in this paragraph except equipment excluded under paragraph (i) of this Rule~~ June 1, 1973

~~Grain Handling and Conditioning Operations~~ By March 1, 1976

~~Grain Handling and Grain-Drying Operations~~ By March 1, 1976

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(B) ~~All applications for Operating Permits shall be submitted to the Agency at least 90 days prior to the date on which an Operating Permit is required. Provided, however, the Agency may waive this 90 day requirement when appropriate. If necessary, to prevent an unmanageable workload as may be deemed appropriate, the Agency may extend the dates by which Operating Permits are required under Section 103(b)(2)(A) for a period not to exceed four months. The Agency shall notify the persons affected and the Board in writing of the extension at least four months before the dates set forth in Section 103(b)(2)(A).~~

(C) ~~Nothing in this Rule shall preclude any person from applying for an Operating Permit earlier than the dates specified in part (b)(2)(A) of this Rule 103.~~

Rule 103(b)(6)(G)

~~No operating permit could be granted unless the applicant submitted proof to the Agency that:~~

~~if subject to a future compliance date, the applicant was, on the effective date of this Chapter, and is at the time of application for an Operating Permit pursuant to Rule 103(b)(2), in compliance with any applicable emission standards of the Rules and Regulations Governing the Control of Air Pollution of the former State of Illinois Air Pollution Control Board; or was, on the effective date of this Chapter, in full compliance with any variance from those regulations granted by the Pollution Control Board; or has been, since the effective date of this Chapter, granted a variance from those regulations, and is in full compliance with such variance.~~

Rule 104(g)

3046 ~~Submission and Approval Dates. The owner or operator of an emission source subject to the~~
 3047 ~~following rules was required to have a Compliance Plan and a Project Completion Schedule,~~
 3048 ~~where applicable, approved by the Agency by the following dates. A Compliance Plan and a~~
 3049 ~~Project Completion Schedule, where applicable, shall be submitted at least 90 days before the~~
 3050 ~~following dates.~~

3051
 3052 (1) ~~By February 1, 1980. Gasoline Dispensing facilities subject to Rule 205(p) and~~
 3053 ~~degreasers subject to Rule 205(k) located in Cook, DuPage, Lake, Kane, McHenry and~~
 3054 ~~Will counties.~~

3055
 3056 (2) ~~By March 1, 1980. Petroleum refineries subject to Rule 205(1), except (1)(4)-(10).~~
 3057 ~~Gasoline dispensing facilities subject to Rule 205(p) in Boone, Madison, St. Clair, Peoria,~~
 3058 ~~Tazewell, Rock Island and Winnebago counties.~~

3059
 3060 (3) ~~By April 1, 1980. Degreasers subject to Rule 205(k) located in counties other than Cook,~~
 3061 ~~DuPage, Lake, Kane, McHenry or Will. Bulk gasoline plants, bulk gasoline terminals~~
 3062 ~~and petroleum liquid storage tanks subject to Rule 205(o), except (o)(3), located in~~
 3063 ~~Cook, DuPage, Lake, Kane, McHenry and Will counties.~~

3064
 3065 (4) ~~By April 1, 1980. Coating lines subject to Rule 205(n), except (n)(1)(J), and (K). Bulk~~
 3066 ~~gasoline plants, bulk gasoline terminals and petroleum liquid storage tanks subject to~~
 3067 ~~Rule 205(o), except (o)(3), which are located in counties other than Cook, Lake, DuPage,~~
 3068 ~~Kane, McHenry or Will.~~

3069
 3070 (Source: Repealed at 50 Ill. Reg. _____, effective _____)

1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER a: PERMITS AND GENERAL PROVISIONS

5
6 PART 202
7 ALTERNATIVE CONTROL STRATEGIES

8
9 SUBPART A: GENERAL PROVISIONS

10
11 Section
12 202.101 Definitions
13 202.104 Actual Emissions
14 202.107 Allowable Emissions
15 202.110 Alternative Control Strategy (ACS)
16 202.113 Chapter
17 202.116 Emission Baseline
18 202.119 Multi-person ACS
19 202.122 Potential to Emit
20 202.125 Abbreviations
21 202.140 Scope
22 202.142 Severability

23
24 SUBPART B: PERMIT APPLICATION

25
26 Section
27 202.201 Emission Baseline for Alternative Control Strategies
28 202.210 Permit Application Information
29 202.211 Analysis of Emissions
30 202.212 Analysis of Environmental Quality
31 202.213 Analysis of Methods of Assuring Compliance

32
33 SUBPART C: PERMIT CONDITIONS AND ISSUANCE

34
35 Section
36 202.301 Permit Conditions
37 202.302 Records and Reports
38 202.303 Monitoring and Testing
39 202.304 Compliance Dates
40 202.305 Public Participation
41 202.306 Standards for Issuance
42 202.307 Notification to USEPA
43

44 SUBPART D: PERMIT DURATION, REVISION AND RENEWAL

- 45
46 Section
47 202.401 Duration
48 202.402 Revision
49 202.403 Renewal

50
51 SUBPART E: ALTERNATIVE CONTROL STRATEGIES
52 INVOLVING MORE THAN ONE PERSON

- 53
54 Section
55 202.501 Applicability
56 202.502 Permit Application
57 202.503 Duration
58 202.504 Permit Conditions
59 202.505 Records and Reports
60 202.506 Revocation
61 202.507 Termination

62
63 202.APPENDIX A Pre-Codification into Codified [\(Repealed\)](#)

64 202.APPENDIX B Codified into Pre-Codification [\(Repealed\)](#)

65
66 AUTHORITY: Implementing Section 9.3 and authorized by Sections 5 and 27 of the
67 Environmental Protection Act [415 ILCS 5/5, 9.3, 27].

68
69 SOURCE: 35 Ill. Adm. Code 212 adopted in R81-20 (Interim) at 6 Ill. Reg. 6703, effective May
70 20, 1982; renumbered to 35 Ill. Adm. Code 202 and amended in R81-20(A) at 7 Ill. Reg. 8091,
71 effective June 27, 1983; codified at 7 Ill. Reg. 13584; corrected at 7 Ill. Reg. 14561; amended in
72 R81-20(B) at 8 Ill. Reg. 4171, effective March 16, 1984; amended in R23-18 at 47 Ill. Reg.
73 12101, effective July 25, 2023; amended in R22-17 at 49 Ill. Reg. 6232, effective April 23, 2025;
74 amended in R18-21 at 50 Ill. Reg. _____, effective _____.

75
76 SUBPART A: GENERAL PROVISIONS

77
78 **Section 202.101 Definitions**

79
80 Unless a different meaning of a term is clear from its context, the definitions of terms used [infor](#)
81 this Part ~~are shall be the same as~~ those used in ~~this Chapter~~, 35 Ill. Adm. [Code](#) Subtitle B, Chapter
82 I-~~(Chapter)~~.

83
84 (Source: Amended at 50 Ill. Reg. _____, effective _____)

85
86 **Section 202.104 Actual Emissions**

87
 88 "Actual emissions" means the actual rate of annual emissions of a pollutant from an operational
 89 emission source for a particular date equal to the mean rate at which the emission source actually
 90 emitted the pollutant during the ~~two year~~~~two-year period~~ which immediately ~~precede~~~~precedes~~
 91 the particular date and which is determined by the Illinois Environmental Protection Agency
 92 (Agency) to ~~represent~~~~be representative of~~ normal emission source operation; however:

- 93
 94 a) The Agency ~~must~~~~shall~~ allow the use of a different time period upon ~~determining a~~
 95 ~~determination~~ that it is more representative of normal emission source operation.
 96 The burden ~~is~~~~shall be~~ on the applicant to demonstrate that another time period is
 97 more representative. Actual emissions ~~must~~~~shall~~ be calculated using the emission
 98 source's actual operating hours, production rates, and types of materials
 99 processed, stored, or combusted during the selected time period.
 100
 101 b) If the Agency determines that there is inadequate information to determine actual
 102 emissions ~~under this Section as indicated in the preceding paragraphs~~, the Agency
 103 ~~must~~~~shall~~ use the potential to emit of the emission source.

104
 105 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 106

107 **Section 202.107 Allowable Emissions**

- 108
 109 a) "Allowable emissions" means the emission rate of an emission source calculated
 110 using the maximum rated capacity of the emission source (unless the emission
 111 source is subject to permit conditions or other enforceable limits that restrict the
 112 operating rate, or hours of operation, or both) and the more stringent of the
 113 following:
 114
 115 1) The applicable emission standard or limitation ~~contained~~ in this Chapter,
 116 including those with a future compliance date; or
 117
 118 2) The ~~emission~~~~emissions~~ rate specified as a permit condition, including
 119 those with a future compliance date.
 120
 121 b) The allowable emissions may be expressed as a permit condition limiting annual
 122 emissions or material or fuel throughput.
 123
 124 c) If an emission source is not subject to an emission standard under subsection (a)
 125 and is not conditioned ~~under~~~~pursuant to~~ subsection (b), the allowable emissions
 126 will be the source's potential to emit.

127
 128 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 129

130 **Section 202.110 Alternative Control ~~Strategies~~Strategy (ACS)**

131
 132 "Alternative control strategy (ACS)" means a specific program of emissions limitations and
 133 requirements which is environmentally equivalent to ~~what that which~~ would otherwise be
 134 required by applicable statutes or regulations, and under which the owner or operator of an
 135 emission source increases emissions of a regulated pollutant beyond the emission baseline at one
 136 or more emission sources and correspondingly reduces emissions of the same pollutant below the
 137 emission baseline at other emission sources.

138
 139 (Source: Amended at 50 Ill. Reg. _____, effective _____)

140
 141 **Section 202.113 Chapter**

142
 143 References to "this Chapter" or "Chapter 2" in this Part ~~means shall mean~~ Pollution Control Board
 144 air pollution rules and regulations ~~as contained in Chapter 2: Air Pollution Regulations and as~~
 145 ~~codified~~ under 35 Ill. Adm. Code Subtitle B, Chapter I.

146
 147 (Source: Amended at 50 Ill. Reg. _____, effective _____)

148
 149 **Section 202.116 Emission Baseline**

150
 151 "Emission baseline" means the starting point or reference level from which increases and
 152 decreases in emissions are measured. The rules governing determination of emission offsets,
 153 calculation of net emission increases, and evaluation of ACS strategies specify the ~~particular~~
 154 emission baseline that applies for those purposes.

155
 156 (Source: Amended at 50 Ill. Reg. _____, effective _____)

157
 158 **Section 202.122 Potential to Emit**

159
 160 "Potential to emit" means the maximum capacity of an emission source to emit a pollutant under
 161 its physical and operational design. Any physical or operational limitation on the capacity of the
 162 emission source to emit a pollutant, including air pollution control equipment and restrictions on
 163 hours of operation or on the type or amount of material combusted, stored, or processed,
 164 ~~will shall~~ be treated as part of its design only if the limitation or the effect it would have on
 165 emissions is enforceable. Secondary emissions do not count in determining the potential to emit
 166 of a stationary source.

167
 168 (Source: Amended at 50 Ill. Reg. _____, effective _____)

169
 170 **Section 202.125 Abbreviations**

171
 172 This Part uses the following abbreviations:

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"~~ugug~~" _____ ~~is an abbreviation for~~ micrograms.

"~~m³M³~~" _____ ~~is an abbreviation for~~ cubic meter.

"~~SO₂~~" _____ "~~SO₂~~" ~~is an abbreviation for~~ sulfur dioxide.

"TSP" _____ ~~total solidis an abbreviation for~~ particulate matter.

"NO_x" _____ ~~is an abbreviation for~~ nitrogen oxides.

"CO" _____ ~~is an abbreviation for~~ carbon monoxide.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 202.140 Scope

~~UnderPursuant to~~ a permit issued by the Agency under this Part, a person ~~or persons~~ may use an ACS for emission sources, including fugitive emission sources, ~~insteadin lieu~~ of ~~complyingcompliance~~ with conflicting requirements ~~which would~~ otherwise ~~be~~ applicable under this Chapter.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 202.142 Severability

~~DespiteNotwithstanding~~ 35 Ill. Adm. Code 201.125, if any provision of Part 202 is stayed or declared invalid by a final order ~~of any court of competent jurisdiction~~, no longer subject to appeal, ~~of any court of competent jurisdiction~~, then the ~~entireentirety of~~ Part 202 ~~mustshall~~ be deemed stayed or invalidated until the stay is lifted or the Pollution Control Board ~~revalidates (Board)acts to revalidate~~ the Part.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART B: PERMIT APPLICATION

Section 202.201 Emission Baseline for Alternative Control Strategies

- a) The baseline for reviewing decreases or increases of emissions from emission sources which are the subject of an ACS ~~isshall be~~ the lesser of the actual emissions or the allowable emissions prescribed by this Chapter.
- b) ~~DespiteNotwithstanding~~ subsection (a), an increment of emission reduction ~~isshall~~

be creditable under an ACS to the extent that it:

- 1) Was achieved as a result of ~~installing the installation of~~ pollution control equipment; changes in process, procedures, or materials; or the shutdown of an emission source which would not have occurred ~~except to create but for the purpose of creating~~ an emission reduction;
 - 2) Reduced emissions beyond the requirements of Board regulations; and
 - 3) Was not relied upon in the State Implementation Plan (SIP) demonstration to demonstrate compliance with ambient air quality standards in the compliance year in nonattainment areas or maintenance of air quality in other areas.
- c) ~~Under~~For purposes of subsection (b), the burden ~~is shall~~ generally ~~be~~ on the permit applicant. However, ~~under for the purpose of~~ subsection (b)(3), it ~~is the Agency's responsibility shall be the responsibility of the Agency~~ to demonstrate that the SIP demonstration either did or did not rely upon the emission reduction in question, whether from the particular emission source or the category to which it belongs.
- d) ~~Despite Notwithstanding~~ subsection (b)(3), if an emission source is located in an area for which the SIP does not demonstrate attainment of the air quality standards by the compliance year for the pollutant which is the subject of the ACS, it may ~~use~~utilize an emission reduction credit only to the extent that ~~the that~~ reduction reduces its emissions below actual emissions.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 202.210 Permit Application Information

In addition to other information which may be required under 35 Ill. Adm. Code 201, a permit application under this Subpart ~~must shall~~:

- a) List the emission sources to be included in the ACS, the emission baseline the applicant believes to be applicable to each emission source, and the remaining useful life of each emission source.
- b) Describe the proposed modifications to the emission sources and quantify the emission increases and decreases anticipated to occur ~~because as a result~~ of each modification.
- c) Identify the Board regulations and the terms of the Environmental Protection Act (Act) ~~(415 ILCS 5)(Ill. Rev. Stat. 1981, ch. 111½, pars. 1001 et seq.)~~ to which the

- 259 applicant believes the ACS provides an alternative.
 260
 261 d) Describe the methods currently used to assure compliance and the methods
 262 proposed to be used under the ACS. ~~These~~~~Such~~ methods may include, ~~but are not~~
 263 ~~limited to~~ recordkeeping, equipment or emissions monitoring, source testing, and
 264 material or process specifications.
 265
 266 e) Provide an analysis of the ACS ~~underpursuant to~~ this Subpart.
 267
 268 f) Contain a certification, signed by all ACS applicants, stating that a copy of the
 269 ACS application has been sent by certified mail to the United States
 270 Environmental Protection Agency (USEPA) if any of the emission sources
 271 included in the ACS are presently the subject of a federal notice of violation or
 272 federal enforcement action under the provisions of the ~~CAA Clean Air Act~~ (42
 273 U.S.C. 7401 et seq.), including civil actions filed under Section 113(b), criminal
 274 actions filed under Section 113(c), a notice imposing ~~noncompliance~~~~non-~~
 275 ~~compliance~~ penalties ~~issued~~ under Section 120, administrative orders ~~issued~~ under
 276 Section 113(a), or a citizen suit ~~filed~~ under Section 304 ~~in which~~~~where~~ the
 277 USEPA has intervened (42 U.S.C. 7413 and 7420).
 278
 279 g) Provide ~~such~~ other information as the Agency ~~demonstrates is~~~~can demonstrate to~~
 280 ~~be~~ necessary ~~to determine~~~~for the determination of~~ compliance with the standards
 281 of issuance in Section 202.306, including the results of any source tests or
 282 ambient air monitoring.
 283

284 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 285

286 **Section 202.211 Analysis of Emissions**
 287

- 288 a) A permit application under this Subpart must provide a comparison of the
 289 baseline emissions and the emissions that would be permitted under the proposed
 290 ACS for each emission source involved in the ACS. Where appropriate, this
 291 analysis must address differences between the emission sources to be covered by
 292 the ACS regarding:
 293
 294 1) Methods of determining emissions;
 295
 296 2) Consistency and reliability of the performance of the emission sources and
 297 any associated control devices;
 298
 299 3) Frequency and duration of operating during malfunction or breakdown
 300 with excess emissions, or during start-up with excess emissions;
 301

- 302 4) Methods of operation, including operating schedules and, range of raw
- 303 materials or products; and
- 304
- 305 5) Other characteristics of the emission sources or their operation which may
- 306 affect equivalence of emissions.
- 307
- 308 b) The analysis must describe any increases in emissions from emission sources
- 309 outside the ACS which may accompany the proposed ACS.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 202.212 Analysis of Environmental Quality

- 314
- 315 a) A permit application under this Subpart mustshall provide a comparison of the
- 316 ambient air quality under existing requirements and the ambient air quality which
- 317 would exist under the proposed ACS. This analysis mustshall include dispersion
- 318 modeling based on the best and most appropriate models for the pollutant and
- 319 emission sources involved, unless the Agency finds that:
- 320
- 321 1) Due to the characteristics of the pollutant and emission source, dispersion
- 322 modeling is inappropriate or unnecessary to determinefor determining
- 323 effects on air quality; or
- 324
- 325 2) The location of emission sources included in the ACS are locatednot more
- 326 than 250 meters or less apart, the effective plume height of the emission
- 327 increases and decreases are not significantly different, and the differences
- 328 in the characteristics of the emission sources are not likely to affect
- 329 ambient air quality; or
- 330
- 331 3) Differences in location, plume height, operating practice, and other
- 332 characteristics of the emission sources subject to the ACS are not likely to
- 333 significantly affect ambient air quality. An effect on ambient air quality is
- 334 significant if it equals or exceeds the levels specified in the following
- 335 table:
- 336

SIGNIFICANCE LEVELS

<u>Pollutant</u>	<u>Annual</u>	<u>24-Hour</u>	<u>8-Hour</u>	<u>3-Hour</u>	<u>1-Hour</u>
SO ₂	1.0 <u>µgug</u> /m ³	5 <u>µgug</u> /m ³		25 <u>µgug</u> /m ³	
TSP	1.0 <u>µgug</u> /m ³	5 <u>µgug</u> /m ³			
NO _x	1.0 <u>µgug</u> /m ³				

CO

0.5 ~~mgug~~/m³

2 ~~mgug~~/m³

- b) The applicant ~~mustshall~~ analyze the air quality impacts resulting from trades between emission sources, including the impact of emissions which differ in their qualitative impact on health or the environment.
- c) The analysis ~~mustshall~~ describe any other impacts on the environment which may accompany the proposed ACS.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 202.213 Analysis of Methods of Assuring Compliance

A permit application under this Subpart ~~mustshall~~ provide a comparison of the methods of assuring compliance under existing requirements and the methods of assuring compliance ~~underwhich would be used~~ the proposed ACS. As a minimum, the analysis ~~mustshall~~ address the effectiveness, reliability, and accessibility of these methods.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART C: PERMIT CONDITIONS AND ISSUANCE

Section 202.301 Permit Conditions

- a) The permit ~~mustshall~~ specify:
 - 1) All emission limits which apply to emission sources under the ACS; and
 - 2) Any compliance procedures which ~~the permittee must followshall be followed by the permittee.~~
- b) The permit may ~~include conditionsbe conditioned~~ so that compliance with the terms of the ACS will continue ~~ifin the event of change of~~ ownership of emission sources ~~changes~~, and ~~thesuch~~ terms will ~~applybe made applicable~~ to the new owner.
- c) The Agency may impose ~~such~~ other permit conditions ~~in a permit as are~~ necessary to accomplish the purposes of the Act or ~~of~~ this Part.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 202.302 Records and Reports

- 379 a) The Agency ~~must~~shall require that a permittee operating under an ACS maintain
 380 ~~such~~ records ~~as~~ necessary to determine compliance with the requirements of the
 381 ACS.
 382
- 383 1) These records ~~must~~shall include, ~~but shall not be limited to~~ the actual and
 384 allowable emission rates, or the parameters from which these rates are
 385 determined, or related operational parameters of the equipment.
 386
- 387 2) The records ~~must~~shall be maintained as prescribed in the permit.
 388
- 389 3) These records ~~must~~shall be available to the Agency and copies of these
 390 records ~~must~~shall be sent to the Agency upon written request. The
 391 Agency ~~must~~shall make ~~these~~such records available to the public
 392 ~~under~~pursuant to Sections 7 and 7.1 of the Act (~~Ill. Rev. Stat. 1981, ch.~~
 393 ~~111½, pars. 1007 and 1007.1~~) and regulations promulgated ~~under~~
 394 ~~them~~hereunder.
 395
- 396 b) A permittee operating under an ACS ~~must~~shall submit to the Agency reports
 397 containing ~~such~~ reasonable information and at ~~a~~such reasonable frequency as the
 398 Agency may specify ~~under~~pursuant to a ~~permit~~condition ~~of a permit~~ or general
 399 procedures established by the Agency, to assure that the terms of the ACS are
 400 met.
 401
- 402 c) A permittee operating under an ACS ~~must~~shall notify the Agency within 72 hours
 403 by telephone, ~~email~~, or ~~fax~~telegram of circumstances, which will make
 404 compliance with the requirements of the ACS impossible.
 405
- 406 1) This notice ~~must~~shall be followed within ten days by written confirmation
 407 which describes the circumstances ~~preventing which prevent~~ compliance
 408 with the requirements of the ACS and supplies a preliminary Compliance
 409 Program which will result in compliance with this Chapter.
 410
- 411 2) The permittee ~~must~~shall take all reasonable steps to come into compliance
 412 with the ACS or this Chapter as expeditiously as possible.
 413

414 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 415

416 **Section 202.303 Monitoring and Testing**
 417

418 The Agency may require that equipment testing and monitoring, ~~as~~ authorized ~~elsewhere~~ in this
 419 Chapter, accompany the construction or operation of emission sources under a permit containing
 420 an ACS.
 421

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 202.304 Compliance Dates

a) ~~An~~ owner or operator subject to a permit utilizing an ACS is not relieved of the responsibility to achieve and maintain~~for achieving and maintaining~~ a reduction of emissions as expeditiously as practicable, but not later than the compliance date required under other applicable regulations.

b) ~~Despite~~Notwithstanding subsection (a), an owner or operator may demonstrate compliance with 35 Ill. Adm. Code 215 ~~under~~pursuant to an Agency-approved ~~Agency approved~~ alternative compliance plan ~~contained~~in a permit ~~using~~utilizing an ACS ~~the owner or operator~~which is applied for ~~before~~prior to December 31, 1982. The Agency ~~must~~shall approve ~~the~~such an alternative compliance plan if, and only if, the applicant demonstrates that:

- 1) The alternative compliance plan extends the compliance date for each emission source subject to the ACS no longer than necessary to enable that emission source to ~~use~~utilize the ACS, but in no case later than December 31, 1987;
- 2) The emission source belongs to a category of emission sources having a compliance date of December 31, 1982, or later under 35 Ill. Adm. Code 215;
- 3) ~~Using~~The use of an ACS will result in either greater or faster overall emission reductions than would otherwise be achieved; and
- 4) ~~The~~Such extension is consistent with the requirements of the ~~CAA~~Clean Air Act.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 202.305 Public Participation

The initial issuance of a permit containing an ACS ~~must~~shall be subject to applicable Agency public participation procedures (35 Ill. Adm. Code 166) ~~before the Agency issues the permit~~prior to issuance. At a minimum, the Agency ~~must~~shall provide an opportunity for public comment.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 202.306 Standards for Issuance

465 The Agency ~~must~~shall issue a permit containing an ACS if, and only if, the permit applicant
 466 demonstrates that:

- 467
- 468 a) The ACS provides, in the aggregate for each regulated pollutant, equivalent or
 469 less total emissions than would otherwise be required~~;~~;
- 470
- 471 b) The impact of the ACS is environmentally equivalent to ~~what~~that ~~which~~ would
 472 otherwise be achieved and maintained under existing requirements~~;~~;
- 473
- 474 c) The methods for assuring compliance with the conditions and requirements of the
 475 permit under the ACS are equivalent to those ~~that are~~ associated with otherwise
 476 applicable requirements~~;~~;
- 477
- 478 d) The ACS complies with any applicable requirements ~~contained~~ in 35 Ill. Adm.
 479 Code 203, 204, 230~~,~~ or 231~~;~~;
- 480
- 481 e) USEPA has not disapproved the proposed ACS or any compliance schedule it
 482 ~~contains because~~may contain due to the existence of a federal enforcement action
 483 pending against a participant in the ACS; ~~and~~;
- 484
- 485 f) The ACS does not permit an increase in emissions of any pollutant ~~which is~~ listed
 486 or regulated ~~under~~pursuant to Section 112 of the ~~CAA~~Clean Air Act (42 U.S.C.
 487 7412 et seq.).

488
 489 (Source: Amended at 50 Ill. Reg. _____, effective _____)

490
 491 **Section 202.307 Notification to USEPA**

492
 493 ~~When it issues~~Upon issuance of an ACS permit, the Agency ~~must~~shall notify USEPA of
 494 emission limitations, alternative compliance plans, and any other permit conditions applicable to
 495 emission sources under an ACS.

496
 497 (Source: Amended at 50 Ill. Reg. _____, effective _____)

498
 499 **SUBPART D: PERMIT DURATION, REVISION AND RENEWAL**

500
 501 **Section 202.401 Duration**

- 502
- 503 a) A permit containing an ACS ~~is effective for~~shall be issued for no longer than five
 504 years, or ~~a for such~~ shorter period ~~as~~ the Agency ~~specifies~~may specify as necessary
 505 for periodic review of the ACS or to accomplish the purposes of the Act or ~~of this~~
 506 Chapter. However, an ACS permit may not be issued for a period ~~of time which is~~
 507 greater than the useful life of an emission source which contributes an emission

reduction to the ACS. The burden of proving the useful life of the emission source is on the applicant.

- b) ~~When it issues or renews~~~~Upon the initial issuance or renewal of~~ an ACS permit, the Agency ~~must~~~~shall~~ consider all factors which it reasonably construes as bearing upon the useful life of an emission source which contributes an emission reduction to the ACS. Where a shutdown emission source contributes an emission reduction to an ACS, the Agency ~~must~~~~shall~~ specify the useful life of the shutdown emission source in a permit condition. ~~The Agency must consider factors including:~~~~Factors which the Agency considers shall include, as a minimum:~~
- 1) The anticipated useful life of the principal components of the emission source upon purchase;
 - 2) The physical condition of the principal components of the emission source;
 - 3) The technological acceptability of the emission source;
 - 4) The economic viability of the emission source; and
 - 5) The demonstrated useful life of emission sources of the same category or functional type.
- c) The Agency ~~must~~~~shall~~ make a record of the factors considered and the basis for its initial or modified determination of useful life made ~~under~~~~pursuant to~~ subsection (b).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 202.402 Revision

- a) Timing
- 1) An application for revision of a permit containing an ACS ~~must~~~~shall~~ be submitted at least 180 days ~~before~~~~prior to~~ the date on which the revision is required to go into effect.
 - 2) If the standard under this Chapter ~~changes~~ for an emission source included in the ACS ~~is changed~~ and ~~the permittee proposes~~ a revised ACS ~~is being proposed~~, an application ~~to revise~~~~for revision of~~ a permit containing the ACS ~~must~~~~shall~~ be submitted at least 90 days ~~before~~~~prior to~~ the date a

551 compliance plan must be submitted.

552
 553 b) The applicant ~~must~~shall submit the information ~~specified~~ in Section 202.210
 554 which is necessary to show that the revised ACS will meet the standards ~~to issue~~
 555 ~~a~~of permit ~~under~~issuance ~~specified in~~ Section 202.306.

556
 557 c) Unless the Agency finds that the proposed revisions to the ACS are not
 558 substantive in nature and do not alter fundamental details of the ACS ~~which was~~
 559 approved under the prior permit, ~~issuing~~issuance ~~of~~ the revised permit ~~must~~shall
 560 be subject to public participation ~~under~~pursuant ~~to~~ Section 202.305.

561
 562 (Source: Amended at 50 Ill. Reg. _____, effective _____)

563
 564 **Section 202.403 Renewal**

565
 566 a) An application ~~to renew~~for ~~renewal of~~ a permit containing an ACS ~~must~~shall be
 567 submitted at least 180 days ~~before~~prior ~~to the expiration of~~ the previous permit
 568 ~~expires~~.

569
 570 b) Applications for renewal ~~must~~shall contain the information ~~specified~~ in Section
 571 202.210. However, an analysis of the effect of the ACS on air quality
 572 ~~under~~pursuant ~~to~~ Section 202.212 ~~must be~~need ~~by~~ provided only if:

- 573
 574 1) The other information submitted ~~under~~pursuant ~~to~~ this subsection is
 575 different from the information upon which the ~~Agency previously issued~~
 576 ~~the permit; was previously issued;~~ and
 577
 578 2) ~~The~~the differences include a change in the applicable emission limit or
 579 operation of the source or may otherwise significantly affect air quality.

580
 581 c) Unless the Agency finds that changes in the application are not substantive in
 582 nature and do not alter fundamental details of the ACS ~~which was~~ approved under
 583 the prior permit, renewal of the permit ~~must~~shall be subject to public participation
 584 ~~under~~pursuant ~~to~~ Section 202.305.

585
 586 (Source: Amended at 50 Ill. Reg. _____, effective _____)

587
 588 SUBPART E: ALTERNATIVE CONTROL STRATEGIES
 589 INVOLVING MORE THAN ONE PERSON

590
 591
 592 **Section 202.501 Applicability**

593

594 Persons who propose or participate in a multi-person ACS ~~are~~ shall be subject to the rules ~~found~~
595 in this Subpart ~~and in addition to~~ the remainder of this Part.

596 (Source: Amended at 50 Ill. Reg. _____, effective _____)

598
599 **Section 202.502 Permit Application**

600
601 In addition to ~~the~~ information required in Section 212.210, persons who propose a multi-person
602 ACS ~~must~~ shall:

- 603
604 a) Identify the persons having ownership and control of the emission sources to be
605 included in the ACS; ~~and~~
606
607 b) Provide a written agreement showing the participants' intent to pursue the multi-
608 person ACS and ~~to~~ be jointly bound by the terms and conditions of any permits
609 ~~which are~~ issued ~~through~~ pursuant to the application.

610
611 (Source: Amended at 50 Ill. Reg. _____, effective _____)

612
613 **Section 202.503 Duration**

614
615 All permits issued under a multi-person ACS ~~must~~ shall have the same expiration date.

616
617 (Source: Amended at 50 Ill. Reg. _____, effective _____)

618
619 **Section 202.504 Permit Conditions**

620
621 Each participant in a multi-person ACS ~~must~~ shall be issued an individual permit which ~~must~~ shall
622 be conditioned on the continuing compliance of the other participants with the limitations in their
623 permits.

624
625 (Source: Amended at 50 Ill. Reg. _____, effective _____)

626
627 **Section 202.505 Records and Reports**

628
629 All records and reports of the participants in a multi-person ACS which are not confidential in
630 nature ~~must~~ shall be available for inspection to the other participants upon reasonable notice of a
631 request to inspect.

632
633 (Source: Amended at 50 Ill. Reg. _____, effective _____)

634
635 **Section 202.506 Revocation**

636

637 Permit revocation or other sanctions may be initiated before the Board against any and all
638 persons in ~~at the~~ multi-person ACS, regardless of the ownership and control of the emission
639 source at which the violations occurred or any contracts or other agreements between the
640 participants.

641
642 (Source: Amended at 50 Ill. Reg. _____, effective _____)
643

644 **Section 202.507 Termination**

- 645 a) If a participant in a multi-person ACS intends to terminate involvement in the
646 ACS, it ~~must~~ **shall** give written notice to the Agency and the other participants in
647 the ACS at least 180 days ~~before~~ **prior to** the anticipated termination date.
- 648
649 b) If the ACS will not meet the standards of issuance with only the remaining
650 participants, they may:
 - 651 1) Propose a revised ACS to include the remaining sources and persons.
652 ~~This; this~~ proposal ~~must~~ **shall** be submitted to the Agency at least 120 days
653 before new permits are required; or
 - 654 2) Apply for revised permits ~~under, pursuant to~~ the otherwise applicable
655 regulations in this Chapter. ~~These; such~~ applications ~~must~~ **shall** be
656 submitted at least 90 days before the permits are required; or
- 657 c) If the notice of termination of the multi-person ACS does not allow sufficient
658 time to meet the ~~deadline~~ **time periods** in ~~Section~~ **Subsection** 202.507(b)-~~above~~,
659 the participants may ~~petition~~ **seek variance relief from** the Board ~~for variance relief~~
660 from the requirements of this Chapter and of the Act.

661
662 (Source: Amended at 50 Ill. Reg. _____, effective _____)
663

664 **Section 202.APPENDIX A Pre-Codification into Codified (Repealed)**

Pre-Codification Section	Section
202.101	202.101
202.101	202.104
202.101	202.107
202.101	202.110
202.101	202.113
202.101	202.116
202.101	202.119
202.101	202.122

202.101	202.125
202.102	202.140
202.105	202.201
202.110	202.210
202.111	202.211
202.112	202.212
202.113	202.213
202.120	202.306
202.125	202.305
202.130	202.304
202.140	202.302
202.145	202.401
202.150	202.301
202.155	202.303
202.157	202.307
202.160	202.402
202.165	202.403
202.190	202.142
202.201	202.501
202.202	202.502
202.204	202.503
202.206	202.504
202.208	202.505
202.210	202.506
202.211	202.507

670
671 (Source: Repealed at 50 Ill. Reg. _____, effective _____)
672

673 **Section 202.APPENDIX B Codified into Pre-Codification (Repealed)**
674

<u>Section</u>	<u>Pre-Codification Section</u>
202.101	202.101
202.104	202.101
202.107	202.101
202.110	202.101
202.113	202.101
202.116	202.101
202.119	202.101
202.122	202.101
202.125	202.101
202.140	202.102
202.142	202.190

202.201	202.105
202.210	202.110
202.211	202.111
202.212	202.112
202.213	202.113
202.301	202.150
202.302	202.140
202.303	202.155
202.304	202.130
202.305	202.125
202.306	202.120
202.307	202.157
202.401	202.145
202.402	202.160
202.403	202.165
202.501	202.201
202.502	202.202
202.503	202.204
202.504	202.206
202.505	202.208
202.506	202.210
202.507	202.211

675
676

(Source: Repealed at 50 Ill. Reg. _____, effective _____)

1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER b: ALTERNATIVE REDUCTION PROGRAM

5
6 PART 205
7 EMISSIONS REDUCTION MARKET SYSTEM (REPEALED)

8
9 SUBPART A: GENERAL PROVISIONS

10	Section	
11	205.100	Severability
12	205.110	Purpose
13	205.115	Sunset Provision
14	205.120	Abbreviations and Acronyms
15	205.130	Definitions
16	205.150	Emissions Management Periods

17
18 SUBPART B: APPLICABILITY

19	Section	
20	205.200	Participating Source
21	205.205	Exempt Source
22	205.210	New Participating Source
23	205.220	Insignificant Emission Units
24	205.225	Startup, Malfunction or Breakdown

25
26 SUBPART C: OPERATIONAL IMPLEMENTATION

27	Section	
28	205.300	Seasonal Emissions Component of the Annual Emissions Report
29	205.310	ERMS Applications
30	205.315	CAAPP Permits for ERMS Sources
31	205.316	Federally Enforceable State Operating Permits for ERMS Sources
32	205.318	Certification for Exempt CAAPP Sources
33	205.320	Baseline Emissions
34	205.330	Emissions Determination Methods
35	205.335	Sampling, Testing, Monitoring and Recordkeeping Practices
36	205.337	Changes in Emissions Determination Methods and Sampling, Testing, Monitoring and Recordkeeping Practices

37
38
39 SUBPART D: SEASONAL EMISSIONS MANAGEMENT

40		
41	Section	
42	205.400	Seasonal Emissions Allotment
43	205.405	Exclusions from Further Reductions

44 205.410 Participating Source Shutdowns

45

46 SUBPART E: ALTERNATIVE ATU GENERATION

47

48 Section

49 205.500 Emissions Reduction Generator

50 205.510 Inter-Sector Transaction

51

52 SUBPART F: MARKET TRANSACTIONS

53

54 Section

55 205.600 ERMS Database

56 205.610 Application for Transaction Account

57 205.620 Account Officer

58 205.630 ATU Transaction Procedures

59

60 SUBPART G: PERFORMANCE ACCOUNTABILITY

61

62 Section

63 205.700 Compliance Accounting

64 205.710 Alternative Compliance Market Account (ACMA)

65 205.720 Emissions Excursion Compensation

66 205.730 Excursion Reporting

67 205.740 Enforcement Authority

68 205.750 Emergency Conditions

69 205.760 Market System Review Procedures

70

71 AUTHORITY: Implementing Section 9.8 and authorized by Sections 27 and 28 of the
72 Environmental Protection Act [415 ILCS 5/9.8, 27 and 28].

73

74 SOURCE: Adopted in R97-13 at 21 Ill. Reg. 15777, effective November 25, 1997; amended in
75 R05-11 at 29 Ill. Reg. 8848, effective June 13, 2005; amended in R18-22 at 43 Ill. Reg. 441,
76 effective December 26, 2018; repealed in R18-21 at 50 Ill. Reg. _____, effective

77 _____.

78

79 SUBPART A: GENERAL PROVISIONS

80

81 **Section 205.100 Severability**

82

83 If any Section, subsection, sentence or clause of this Part is judged invalid, such adjudication
84 shall not affect the validity of this Part as a whole or of any Section, subsection, sentence or
85 clause thereof not judged invalid.

86

87 **Section 205.110 Purpose**

88
89 The purpose of this Part is to implement the Emissions Reduction Market System (ERMS)
90 regulatory program consistent with the assurances that are specified in Section 9.8 of the
91 Environmental Protection Act [415 ILCS 5/9.8]. The ERMS is designed, as further specified in
92 this Part, to achieve the following:

- 93
- 94 a) Implement innovative and cost-effective strategies to attain the national ambient
95 air quality standard (NAAQS) for ozone and to meet the requirements of the
96 Clean Air Act;
 - 97
 - 98 b) Increase flexibility for participating sources and lessen the economic impacts
99 associated with implementation of the Clean Air Act;
 - 100
 - 101 c) Take into account the findings of the national ozone transport assessment
102 coordinated by the Environmental Council of States with participation by the
103 United States Environmental Protection Agency and by the Lake Michigan Air
104 Directors Consortium; and
 - 105
 - 106 d) Assure that sources subject to the ERMS regulatory program will not be required
107 to reduce emissions to an extent that exceeds their proportionate share of the total
108 emissions reductions required of all emission sources, including mobile and area
109 sources.

110
111 **Section 205.115 Sunset Provision**

112
113 This Part does not apply after April 29, 2018. Subject sources must comply with this Part before
114 April 30, 2018.

115
116 **Section 205.120 Abbreviations and Acronyms**

117
118 Unless otherwise specified within this Part, the abbreviations used in this Part shall be the same
119 as those found in 35 Ill. Adm. Code 211. The following abbreviations and acronyms are used in
120 this Part:

121

ACMA	Alternative Compliance Market Account
Act	Environmental Protection Act [415 ILCS 5]
ATU	Allotment Trading Unit
BAT	Best Available Technology
CAA	Clean Air Act as amended in 1990 [42 U.S.C. 7401 through 7671q]
CAAPP	Clean Air Act Permit Program
ERMS	Emissions Reduction Market System
FESOP	Federally Enforceable State Operating Permit

LAER	Lowest Achievable Emission Rate
MACT	Maximum Achievable Control Technology
NAAQS	National Ambient Air Quality Standard
NESHAP	National Emission Standards for Hazardous Air Pollutants
RFP	Reasonable Further Progress
ROP	Rate of Progress
USEPA	United States Environmental Protection Agency
VOM	Volatile Organic Material

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Section 205.130 Definitions

Unless otherwise specified within this Part, the definitions for the terms used in this Part shall be the same as those found in Section 39.5 of the Act [415 ILCS 5/39.5] and in 35 Ill. Adm. Code 211.

"Account officer" means a natural person who has been approved by the Agency, as specified in Section 205.620 of this Part, and is subsequently responsible for one or more Transaction Accounts to which he or she is designated.

"Allotment" means the number of allotment trading units (ATUs) allotted to a source by the Agency, as established in the source's CAAPP permit or FESOP.

"Allotment Trading Unit (ATU)" means a tradable unit that represents 200 lbs of VOM emissions and is a limited authorization to emit 200 lbs of VOM emissions during the seasonal allotment period.

"Annual Emissions Report" means the report submitted to the Agency annually pursuant to 35 Ill. Adm. Code 254.

"Baseline emissions" means a participating source's VOM emissions for the seasonal allotment period based on historical operations as determined under Subpart C of this Part. Baseline emissions shall be the basis of the allotment for each participating source.

"Best Available Technology (BAT)" means an emission level based on the maximum degree of reduction of VOM emitted from or which results from any emission unit, which the Agency, on a case-by-case basis, taking into account energy, environmental and economic impacts, determines is achievable for such unit through application of production processes and available methods, systems, and techniques for control of VOM, considering the features and production process and control methods, systems and techniques already used for the unit. BAT for an emission unit shall not be more stringent than Best Available Control

157 Technology (BACT) as would be determined contemporaneously for such unit
158 under the federal rules for Prevention of Significant Deterioration of Air Quality
159 (PSD), 40 CFR 52.21 (1996). In no event shall application of "best available
160 technology" result in emissions of VOM which exceed the emissions allowed by
161 any standard established pursuant to Section 111 of the Clean Air Act, if such a
162 standard is applicable to the category of emission unit.

163
164 "CAAPP" means the Clean Air Act Permit Program, pursuant to Section 39.5 of
165 the Act [415 ILCS 5/39.5].
166

167 "Chicago area" means the area composed of Cook, DuPage, Kane, Lake,
168 McHenry, and Will Counties and Aux Sable Township and Goose Lake Township
169 in Grundy County and Oswego Township in Kendall County.
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171 "Emergency" means any situation arising from sudden and reasonably
172 unforeseeable events beyond the control of the source, such as an act of God, that
173 requires immediate corrective action to restore normal operation.
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175 "Emissions excursion" refers to the event that occurs when a participating source
176 or new participating source does not hold sufficient ATUs at the end of a
177 reconciliation period to account for its VOM emissions from the preceding
178 seasonal allotment period, in accordance with Section 205.150(c) or (d) of this
179 Subpart.
180

181 "Excursion Compensation Notice" means an administrative notice issued by the
182 Agency, pursuant to Section 205.720 of this Part, that notifies the owner or
183 operator of a participating source or new participating source that the Agency has
184 determined that the source has had an emissions excursion.
185

186 "General participant" means any person, other than a participating source or new
187 participating source, that obtains a Transaction Account and is allowed to buy and
188 sell ATUs.
189

190 "New participating source" means a source not operating prior to May 1, 1999,
191 located in the Chicago area, that emits or has the potential to emit 25 tons per year
192 or more of VOM or is required to obtain a CAAPP permit and has or will have
193 seasonal emissions of at least 10 tons of VOM.
194

195 "Participating source" means a source operating prior to May 1, 1999, located in
196 the Chicago area, that emits or has the potential to emit 25 tons per year or more
197 of VOM or is required to obtain a CAAPP permit; and has baseline emissions of
198 at least 10 tons, as specified in Section 205.320(a) of this Part, or seasonal
199 emissions of at least 10 tons in any seasonal allotment period beginning in 1999.

200
201 "Reconciliation period" means the period from October 1 through December 31
202 of each year during which the owner or operator of a participating source or new
203 participating source must compile actual VOM emissions for the previous
204 seasonal allotment period and may also buy or sell ATUs so that sufficient ATUs
205 are held by the source by the conclusion of the reconciliation period.

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207 "Seasonal allotment period" means the period from May 1 through September 30
208 of each year.

209
210 "Seasonal emissions" means actual VOM emissions at a source that occur during
211 a seasonal allotment period.

212
213 "Sell" means to transfer ATUs to another person through sale, lease, trade or other
214 means of transfer.

215
216 "Special participant" means any person that registers with the Agency and may
217 purchase and retire ATUs but not sell ATUs, as specified in Section 205.610 of
218 this Part.

219
220 "Throughput" means the activity of an emission unit during a particular period
221 relevant to its generation of VOM emissions, including, but not limited to, the
222 amount of material transferred for a liquid storage operation, the amount of
223 material processed through or produced by the emission unit, fuel usage, or the
224 weight or volume of coatings or inks.

225
226 "Transaction Account" means an account authorized by the Agency or its
227 designee that allows an account officer to buy or sell ATUs.

228
229 **Section 205.150 Emissions Management Periods**

- 230
231 a) The VOM emissions control period is the seasonal allotment period, which is
232 from May 1 through September 30, annually.
233
234 b) The reconciliation period is from October 1 to December 31, annually. During
235 each reconciliation period, participating sources and new participating sources
236 shall:
237
238 1) Compile data of actual VOM emissions during the immediately preceding
239 seasonal allotment period; and
240
241 2) Submit its seasonal emissions component of its Annual Emissions Report,
242 in accordance with Section 205.300 of this Part.

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- c) At the end of each reconciliation period, on and after the dates specified in Section 205.200 of this Part, each participating source shall:
 - 1) Hold ATUs in an amount not less than its VOM emissions during the preceding seasonal allotment period, except as provided in Sections 205.220, 205.225, 205.315, 205.316, 205.320(e)(3) or (f) and 205.750 of this Part; or
 - 2) Except as provided in subsection (f) of this Section, hold ATUs in an amount not less than 1.3 times its emissions during the preceding seasonal allotment period that are attributable to a major modification, if a participating source commences operation of a major modification pursuant to 35 Ill. Adm. Code 203 on or after May 1, 1999. Additionally, such source must hold ATUs in accordance with subsection (c)(1) of this Section for VOM emissions during the preceding seasonal allotment period that are not attributable to this major modification.

- d) At the end of each reconciliation period, beginning with the reconciliation period immediately following the seasonal allotment period in which the source first becomes a new participating source, as specified in Section 205.210 of this Part, each new participating source shall:
 - 1) Except as provided in subsection (f) of this Section, if the new participating source is a new major source pursuant to 35 Ill. Adm. Code 203, hold ATUs in an amount not less than 1.3 times its VOM emissions during the preceding seasonal allotment period; or
 - 2) If the new participating source is not a new major source pursuant to 35 Ill. Adm. 203, hold ATUs in an amount not less than its VOM emissions during the preceding seasonal allotment period, except as provided in Sections 205.220, 205.225 and 205.750 of this Part.

- e) Except as provided in subsection (f) of this Section, any participating source that commences operation of a major modification on or after May 1, 1999, or any new participating source that is a new major source, which, at the end of each reconciliation period, holds ATUs in an amount not less than 1.3 times the VOM emissions during the preceding seasonal allotment period, in accordance with subsection (c)(2) or (d)(1) of this Section, as applicable, shall be deemed to have satisfied the VOM offset requirements of 35 Ill. Adm. Code 203.302(a), 203.602 and 203.701.

- f) Chicago area classification

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- 1) If the nonattainment classification of the Chicago area for ozone is changed such that the required offset ratio is no longer 1.3 to 1 and a new offset ratio applies, as specified in 35 Ill. Adm. Code 203.302, that ratio shall then apply in lieu of the 1.3 to 1 ratio set forth in subsections (c)(2), (d)(1), and (e) of this Section. Such new ratio shall not apply to any part of a source or any modification already subject to the 1.3 to 1 ratio or other previously-effective offset ratio prior to the effective date of the new ratio.
 - 2) If the Chicago area is designated as attainment for ozone, the 1.3 to 1 ratio set forth in subsections (c)(2), (d)(1), and (e) of this Section or any new ratio established pursuant to subsection (f)(1) of this Section shall cease to apply. However, such ratio shall continue to apply to any part of a source or any modification that is already subject to the ratio prior to such designation.

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SUBPART B: APPLICABILITY

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Section 205.200 Participating Source

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- a) The requirements of this Part shall apply to any source operating prior to May 1, 1999, located in the Chicago area, that:
 - 1) emits or has the potential to emit 25 tons per year or more of VOM or is required to obtain a CAAPP permit; and
 - 2) has baseline emissions of at least 10 tons, as specified in Section 205.320(a) of this Part, or seasonal emissions of at least 10 tons in any seasonal allotment period beginning in 1999.
 - b) Each participating source shall hold ATUs, as specified in Section 205.150(c) of this Part, in accordance with the following schedule:
 - 1) For any participating source that has baseline emissions of at least 10 tons of VOM, as determined in accordance with Section 205.320(a) of this Part, beginning with the 1999 seasonal allotment period;
 - 2) For any source that first becomes a participating source because its VOM emissions increase to 10 tons per season or more in any seasonal allotment period beginning with 1999 and this emissions increase is not a major modification pursuant to 35 Ill. Adm. Code 203, beginning with the first seasonal allotment period after such increased emissions occurred; or

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330 3) For any source that will first be subject to the requirements of this Part
331 because of a VOM emissions increase at any time on or after May 1, 1999
332 that constitutes a major modification pursuant to 35 Ill. Adm. Code 203,
333 upon commencing operation of this modification.
334

335 **Section 205.205 Exempt Source**
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- 337 a) Any source that otherwise meets the criteria for participating sources shall be
338 exempt from the requirements of this Part, except that any such source shall be
339 required to obtain a CAAPP permit or FESOP and submit the seasonal emissions
340 component of the Annual Emissions Report as specified in Section 205.300 of
341 this Part, if the source accepts a 15 tons per seasonal allotment period limit on its
342 VOM emissions in its CAAPP permit or FESOP for each seasonal allotment
343 period in which the source would be required to participate in the ERMS in
344 accordance with the following:
345
- 346 1) If the source would be required to participate in the ERMS beginning with
347 the 1999 seasonal allotment period in accordance with Section
348 205.200(b)(1) of this Subpart, such source shall apply for the applicable
349 permit limitation by March 1, 1998; or
350
- 351 2) If the source is required to participate in the ERMS in any seasonal
352 allotment period after 1999 because its VOM emissions increase to 10
353 tons or more in any seasonal allotment period beginning with 1999 in
354 accordance with Section 205.200(b)(2) of this Subpart, such source shall
355 apply for the applicable permit limitation by December 1 of the first year
356 in which its seasonal emissions are at least 10 tons.
357
- 358 b) Any source that otherwise meets the criteria for participating sources shall be
359 exempt from the requirements of this Part, except that any such source shall be
360 required to submit the seasonal emissions component of the Annual Emissions
361 Report and an ERMS application as specified in Sections 205.300 and 205.310(d)
362 of this Part, respectively, if such source reduces its seasonal emissions by at least
363 18 percent beginning in 1999. Any such source shall accept conditions in its
364 CAAPP permit or FESOP limiting its seasonal emissions to at least 18 percent
365 less than its baseline emissions, as determined in accordance with Section
366 205.320 of this Part. Any such source shall apply for the applicable permit
367 limitation(s) by March 1, 1998. ATUs equivalent to any amount of VOM
368 emissions reductions achieved by the source beyond 12 percent (at least six
369 percent) shall be issued by the Agency to the ACMA.
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371 **Section 205.210 New Participating Source**

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- a) The requirements of this Part shall apply to any new participating source, a source not operating prior to May 1, 1999, located in the Chicago area, that:
 - 1) emits or has the potential to emit 25 tons per year or more of VOM or is required to obtain a CAAPP permit; and
 - 2) has or will have seasonal emissions of at least 10 tons of VOM.
- b) Each new participating source shall hold ATUs, as specified in Section 205.150(d) of this Part.

Section 205.220 Insignificant Emission Units

- a) Emission units identified as insignificant activities pursuant to the CAAPP permit for a participating or new participating source are exempt from the requirements of this Part.
- b) Emission units that the Agency determines would qualify as insignificant activities under 35 Ill. Adm. Code 201.Subpart F if the source were a CAAPP source and for which a statement to this effect is contained in the FESOP for a participating or new participating source are exempt from the requirements of this Part.

Section 205.225 Startup, Malfunction or Breakdown

Participating or new participating sources permitted to operate during startup, malfunction or breakdown pursuant to 35 Ill. Adm. Code 201.262, 270.407 and 270.408 are not required to hold ATUs for excess VOM emission during startup, malfunction and breakdown as authorized in the source's permit.

SUBPART C: OPERATIONAL IMPLEMENTATION

Section 205.300 Seasonal Emissions Component of the Annual Emissions Report

- a) For each year in which the source is operational, the owner or operator of each participating source and new participating source shall submit, as a component of its Annual Emissions Report, seasonal emissions information to the Agency for each seasonal allotment period after the effective date of this Part in accordance with the following schedule:
 - 1) For each participating source or new participating source that generates VOM emissions from less than 10 emission units, by October 31 of each

- 415 year; and
416
417 2) For each participating source or new participating source that generates
418 VOM emissions from 10 or more emission units, by November 30 of each
419 year.
420
421 b) In addition to any information required pursuant to 35 Ill. Adm. Code 254, the
422 seasonal emissions component of the Annual Emissions Report shall contain the
423 following information for the preceding seasonal allotment period for each
424 emission unit emitting or capable of emitting VOM, except that such information
425 is not required for emission units excluded pursuant to Section 205.220 of this
426 Part or for VOM emissions attributable to startup, malfunction or breakdown, as
427 specified in Section 205.225 of this Part:
428
429 1) Actual seasonal emissions of VOM from the source;
430
431 2) A description of the methods and practices used to determine VOM
432 emissions, as required by the source's CAAPP permit or FESOP, including
433 any supporting documentation and calculations;
434
435 3) A detailed description of any monitoring methods that differ from the
436 methods specified in the CAAPP permit or FESOP for the source, as
437 provided in Section 205.337 of this Subpart;
438
439 4) If a source has experienced an emergency, as provided in Section 205.750
440 of this Part, it shall reference the associated emergency conditions report
441 that has been approved by the Agency;
442
443 5) If a source's baseline emissions have been adjusted because of a variance,
444 consent order or CAAPP permit compliance schedule, as provided for in
445 Section 205.320(e)(3) of this Subpart, it shall provide documentation
446 quantifying the adjusted VOM emissions amount; and
447
448 6) If a source is operating a new or modified emission unit for which three
449 years of operational data is not yet available, as specified in Section
450 205.320(f) of this Subpart, it shall specify seasonal emissions attributable
451 to the new emission unit or the modification of the emission unit.
452

453 **Section 205.310 ERMS Applications**
454

- 455 a) The owner or operator of each participating source or new participating source
456 shall submit to the Agency an ERMS application in accordance with the following
457 schedule:

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- 1) For a participating source with baseline emissions of at least 10 tons of VOM, as determined in accordance with Section 205.320(a) of this Subpart, by March 1, 1998;
 - 2) For any source that first becomes a participating source or new participating source because its VOM emissions increase to 10 tons or greater during any seasonal allotment period beginning with 1999, on or before December 1 of the year of the first seasonal allotment period in which its VOM emissions are at least 10 tons, provided that this emissions increase is not a major modification pursuant to 35 Ill. Adm. Code 203; or
 - 3) For any source existing prior to May 1, 1999, that first becomes a participating source or new participating source due to a major modification subject to 35 Ill. Adm. Code 203 based on VOM emissions, at the time a construction permit application is submitted or due for the source or modification, whichever occurs first.
 - 4) For a source that will be a new participating source when it commences construction and that is also a major new source under 35 Ill. Adm. Code 203 based on VOM emissions, at the time a construction permit application is submitted or due for the source, whichever occurs first.
- b) Except as provided in subsection (d) of this Section, each ERMS application for participating sources shall contain all information required by the Agency pursuant to Section 39.5 of the Act [415 ILCS 5/39.5] or reference such information if previously submitted to the Agency, including the following information:
- 1) Data sufficient to establish the appropriate baseline emissions for the source in accordance with Section 205.320 of this Subpart, including but not limited to the following:
 - A) VOM emissions data and production types and levels from the baseline emissions year(s), as specified in Section 205.320(a)(1), (b) or (c) of this Subpart, as appropriate;
 - B) If the source is proposing a substitute baseline emissions year(s), as provided in Section 205.320(a)(2) of this Subpart, a justification that the year is more representative than 1994, 1995 or 1996, including data on production types and levels from the proposed substitute year(s) and historical production data, as needed to justify that the proposed substitute year(s) is representative; and

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- C) If the source is proposing a baseline emissions adjustment based on voluntary over-compliance, as provided in Section 205.320(d) of this Subpart, sufficient information for the Agency to determine the appropriate adjustment;
 - 2) A description of methods and practices used to determine baseline emissions and that will be used to determine seasonal emissions for purposes of demonstrating compliance with this Part, in accordance with Sections 205.330 and 205.335 of this Subpart;
 - 3) Identification of any emission unit for which exclusion from further reductions is sought pursuant to Section 205.405(b) of this Part and including all of the information required pursuant to Section 205.405(b) of this Part;
 - 4) Identification of any emission unit excluded from further reductions pursuant to Section 205.405(a) of this Part; and
 - 5) Identification of any new or modified emission unit for which a construction permit was issued prior to January 1, 1998, but for which three years of operational data is not available, and the permitted VOM emissions or the permitted increase in VOM emissions from such emission unit(s), adjusted for the seasonal allotment period.
- c) Except as provided in subsection (h) of this Section, the ERMS application submitted by each participating source shall also be an application for a significant modification of its CAAPP permit or a revision to its FESOP, or a revision to its CAAPP or FESOP application if a CAAPP permit or FESOP has not yet been issued for the source.
- d) The ERMS application for any source that elects to reduce its seasonal emissions by at least 18 percent from its baseline emissions, as provided in Section 205.205(b) of this Part, shall include:
- 1) VOM emissions data sufficient to establish the appropriate baseline emissions for the source in accordance with Section 205.320 of this Subpart; and
 - 2) A description of methods and practices used to determine baseline emissions and that will be used to demonstrate that its seasonal emissions will be at least 18 percent less than its baseline emissions, in accordance with Sections 205.330 and 205.335 of this Subpart.

- 544
 545 e) Within 120 days after receipt of an ERMS application, the Agency shall provide
 546 written notification to the source of a preliminary baseline emissions
 547 determination. Public notice of a draft CAAPP permit or FESOP shall fulfill this
 548 requirement for a preliminary baseline emissions determination if issued within
 549 120 days.
 550
 551 f) The ERMS application for each source applying for a major modification, as
 552 provided in subsection (a)(3) of this Section, shall include the information
 553 specified in subsection (b) of this Section and a certification by the owner or
 554 operator recognizing that the source will be required to hold ATUs by the end of
 555 each reconciliation period in accordance with Section 205.150(c)(2) of this Part,
 556 and provide a plan explaining the means by which it will obtain ATUs for the
 557 VOM emissions attributable to the major modification for the first three seasonal
 558 allotment periods in which this major modification is operational.
 559
 560 g) The ERMS application for each new participating source shall include:
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 562 1) A description of methods and practices that will be used to determine
 563 seasonal emissions for purposes of demonstrating compliance with this
 564 Part, in accordance with Sections 205.330 and 205.335 of this Subpart;
 565
 566 2) A certification by the owner or operator recognizing that the source will be
 567 required to hold ATUs by the end of each reconciliation period in
 568 accordance with Section 205.150(d) of this Part for each seasonal
 569 allotment period in which it is operational; and
 570
 571 3) If the source is a new major source subject to 35 Ill. Adm. Code 203, a
 572 plan explaining means by which it will obtain such ATUs for the first
 573 three seasonal allotment periods in which it is operational.
 574
 575 h) The owner or operator of any participating source that has identified a new or
 576 modified emission unit, as specified in subsection (b)(5) of this Section, shall
 577 submit a written request for, or an application for, a revised emissions baseline
 578 and allotment. Such written request or application shall be submitted by
 579 December 1 of the year of the third complete seasonal allotment period in which
 580 such newly constructed emission unit is operational, which submittal shall include
 581 information on the seasonal emissions for these first three seasonal allotment
 582 periods.
 583

584 **Section 205.315 CAAPP Permits for ERMS Sources**

- 585
 586 a) Except as provided in Section 205.316(c) of this Subpart, the Agency shall

587 determine the baseline emissions for each participating source in accordance with
 588 Section 205.320 of this Subpart, through its final permit action on a new or
 589 modified CAAPP permit for the source. The Agency's baseline emissions
 590 determination may be appealed in accordance with the CAAPP appeal procedures
 591 specified in Section 40.2 of the Act [415 ILCS 5/40.2]. If the permit conditions
 592 establishing a source's baseline emissions are appealed, the baseline emissions for
 593 the source shall be as proposed in the source's ERMS application during the
 594 pendency of the appeal. During the pendency of the appeal, ATUs shall be
 595 allotted to the source pursuant to the part of the source's proposed baseline
 596 emissions that is not disputed in the appeal. If such source's seasonal VOM
 597 emissions exceed the ATUs it holds at the end of reconciliation periods during the
 598 pendency of the appeal, the source will not be deemed to have had an emissions
 599 excursion to the extent that such seasonal VOM emissions do not exceed the
 600 amount it proposed as its baseline in its ERMS application, less reductions
 601 required pursuant to Section 205.400(c) or (e) of this Part, if applicable. Such
 602 source shall not be allowed to sell ATUs during the pendency of the appeal.
 603

604 b) Except as provided in Section 205.316(c) of this Subpart, the Agency shall
 605 determine, in accordance with Sections 205.330 and 205.335 of this Subpart, the
 606 methods and practices applicable to each participating source and new
 607 participating source to determine seasonal emissions through its final permit
 608 action on a new or modified CAAPP permit for the source. The Agency's
 609 determination of the methods and practices applicable may be appealed in
 610 accordance with the CAAPP appeal procedures specified in Section 40.2 of the
 611 Act [415 ILCS 5/40.2].
 612

613 c) Except as provided in Section 205.316(c) of this Subpart, the Agency shall
 614 determine, in accordance with Section 205.405(b) of this Part, if an emission unit
 615 qualifies for exclusion from further reductions in its final permit action on a new
 616 or modified CAAPP permit for each such source. The Agency's determination
 617 may be appealed in accordance with the CAAPP appeal procedures specified in
 618 Section 40.2 of the Act [415 ILCS 5/40.2]. If the permit conditions establishing
 619 the Agency's BAT determination are appealed, ATUs shall be allotted to the
 620 source for any emission unit for which the Agency's BAT determination is being
 621 appealed with the emissions reduction required by Section 205.400(c) or (e) of
 622 this Part during the pendency of the appeal. If the seasonal VOM emissions for
 623 the subject emission unit(s) exceed the ATUs that are attributed to the unit(s)
 624 during the pendency of the appeal, the source will not be deemed to have an
 625 emissions excursion to the extent that such seasonal VOM emissions do not
 626 exceed the amount of ATUs that would be attributed to this unit if the BAT
 627 exclusion was accepted. Such source shall not be allowed to sell ATUs during the
 628 pendency of the appeal.
 629

- 630 d) The CAAPP permit for a participating source shall specify the allotment for each
631 seasonal allotment period.
632
- 633 e) To the extent possible, the Agency shall initiate the procedures of 35 Ill. Adm.
634 Code 252, as required by Section 39.5 of the Act [415 ILCS 5/39.5], by grouping
635 the draft CAAPP permits and supporting documents for participating sources.
636 Specifically, to the extent possible, the Agency shall issue a joint public notice
637 and hold a joint hearing, as appropriate, addressing participating sources for
638 which a hearing is requested.
639
- 640 f) When a CAAPP permit for a participating source or new participating source is
641 transferred from the current permittee to another person:
642
- 643 1) In the case of a name change of the participating source or new
644 participating source where ownership is not altered, appropriate
645 documentation shall be submitted to revise the Transaction Account to
646 reflect the name change; or
647
- 648 2) In the case of an ownership change of the participating source or new
649 participating source, the allotment shall also be transferred by the owner or
650 operator of the permitted source to the new owner or operator, or the new
651 owner or operator shall submit a statement to the Agency certifying that
652 such transfer is not occurring and demonstrating that necessary ATUs are
653 or will be available by other means for the intended operation of the
654 source.
655
- 656 g) Upon reopening or renewal of the CAAPP permit for any participating source or
657 new participating source, any multiple season transfer agreement, as provided in
658 Section 205.630(a)(2)(B) of this Part, that has three or more years of transfers
659 remaining shall be identified in the renewed or reissued CAAPP permit for each
660 such source.
661
- 662 h) Upon reopening or renewal of the CAAPP permit for any participating source or
663 new participating source, any ATUs that will be issued by the Agency for three
664 years or more to any such source pursuant to Section 205.410, 205.500 or 205.510
665 of this Part shall be identified in the renewed or reissued CAAPP permit for each
666 such source.
667

668 **Section 205.316 Federally Enforceable State Operating Permits for ERMS Sources**
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- 670 a) Any participating or new participating source shall not operate without a CAAPP
671 permit or FESOP.
672

- 673 1) If a source has a CAAPP permit containing ERMS provisions and the
 674 source elects to obtain a different permit in lieu of the CAAPP permit, the
 675 source shall apply for and obtain a FESOP that contains ERMS provisions,
 676 including, but not limited to, emissions calculation methodologies,
 677 baseline emissions, and allotment for each seasonal allotment period, all of
 678 which are identical to those provisions contained in its CAAPP permit.
 679
- 680 2) If a participating or new participating source does not have a CAAPP
 681 permit containing ERMS provisions and the source elects to obtain a
 682 permit other than a CAAPP permit, the source shall apply for and obtain a
 683 FESOP that contains, in addition to other necessary provisions, federally
 684 enforceable ERMS provisions, including baseline emissions, allotment for
 685 each seasonal allotment period, identification of any units deemed to be
 686 insignificant activities for the purposes of the ERMS, emissions
 687 calculation methodologies, and provisions addressing all other applicable
 688 requirements of this Part.
 689
- 690 b) When determining the baseline emissions and allotment for a participating source
 691 as required under subsection (a)(2) of this Section:
 692
- 693 1) The Agency shall determine baseline emissions in accordance with
 694 Section 205.320 of this Subpart, through its final permit action on the new
 695 or modified FESOP for the source. The Agency's baseline emissions
 696 determination may be appealed in accordance with the appeal procedures
 697 specified in Section 40 of the Act [415 ILCS 5/40]. If the permit
 698 conditions establishing a source's baseline emissions are appealed, the
 699 baseline emissions for the source shall be as proposed in the source's
 700 ERMS application during the pendency of the appeal. During the
 701 pendency of the appeal, ATUs shall be allotted to the source pursuant to
 702 the part of the source's proposed baseline emissions that is not disputed in
 703 the appeal. If such source's seasonal VOM emissions exceed the ATUs it
 704 holds at the end of reconciliation periods during the pendency of the
 705 appeal, the source will not be deemed to have had an emissions excursion
 706 to the extent that such seasonal VOM emissions do not exceed the amount
 707 it proposed as its baseline in its ERMS application, less reductions
 708 required pursuant to Section 205.400(c) or (e) of this Part, if applicable.
 709 Such source shall not be allowed to sell ATUs during the pendency of the
 710 appeal.
 711
- 712 2) The Agency shall determine, in accordance with Section 205.405(b) of
 713 this Part, if an emission unit qualifies for exclusion from further reductions
 714 in its final permit action on a new or modified FESOP for the source. The
 715 Agency's determination may be appealed in accordance with the appeal

716 procedures specified in Section 40 of the Act [415 ILCS 5/40]. If the
 717 permit conditions establishing the Agency's BAT determination are
 718 appealed, ATUs shall be allotted to the source for any emission unit for
 719 which the Agency's BAT determination is being appealed with the
 720 emissions reduction required by Section 205.400(c) or (e) of this Part
 721 during the pendency of the appeal. If the seasonal VOM emissions for the
 722 subject emission unit(s) exceed the ATUs that are attributed to the unit(s)
 723 during the pendency of the appeal, the source will not be deemed to have
 724 an emissions excursion to the extent that such seasonal VOM emissions do
 725 not exceed the amount of ATUs that would be attributed to this unit if the
 726 BAT exclusion was accepted. Such source shall not be allowed to sell
 727 ATUs during the pendency of the appeal.
 728

- 729 c) The Agency shall determine, in accordance with Sections 205.330 and 205.335 of
 730 this Subpart, the methods and practices applicable to the participating source or
 731 new participating source to determine seasonal emissions through its final permit
 732 action on the new or modified FESOP for such source. The Agency's
 733 determination of the methods and practices applicable may be appealed in
 734 accordance with the appeal procedures specified in Section 40 of the Act [415
 735 ILCS 5/40].
 736
- 737 d) When a FESOP for a participating source or new participating source is
 738 transferred from the current permittee to another person:
 739
 - 740 1) In the case of a name change of the participating source or new
 741 participating source where ownership is not altered, appropriate
 742 documentation shall be submitted to revise the Transaction Account to
 743 reflect the name change; or
 744
 - 745 2) In the case of an ownership change of the participating source or new
 746 participating source, the allotment shall also be transferred by the owner or
 747 operator of the permitted source to the new owner or operator, or the new
 748 owner or operator shall submit a statement to the Agency certifying that
 749 such transfer is not occurring and demonstrating that necessary ATUs are
 750 or will be available by other means for the intended operation of the
 751 source.
 752
- 753 e) Upon reopening or renewal of the FESOP for any participating source or new
 754 participating source, any multiple season transfer agreement, as provided in
 755 Section 205.630(a)(2)(B) of this Part, that has three or more years of transfers
 756 remaining shall be identified in the renewed or reissued FESOP for such source.
 757

- 758 f) Upon reopening or renewal of the FESOP for any participating source or new
 759 participating source, any ATUs that will be issued by the Agency for three years
 760 or more to any such source pursuant to Section 205.410, 205.500 or 205.510 of
 761 this Part shall be identified in the renewed or reissued FESOP for such source.
 762

763 **Section 205.318 Certification for Exempt CAAPP Sources**
 764

765 The owner or operator of any source that is located in the Chicago area that is required to obtain
 766 a CAAPP permit, and has seasonal emissions, as determined in accordance with Section
 767 205.320(a) of this Subpart, of less than 10 tons shall submit a written certification to the Agency
 768 by March 1, 1998, certifying that its VOM emissions are below 10 tons per season as specified in
 769 Section 205.320(a) of this Subpart. Such certification shall include the amount of VOM
 770 emissions at the source during the 1994, 1995, 1996 and 1997 seasonal allotment periods, and
 771 supporting calculations.
 772

773 **Section 205.320 Baseline Emissions**
 774

- 775 a) Except as provided in subsection (b) or (c) of this Section, baseline emissions
 776 shall be determined by the Agency in accordance with the following, adjusted as
 777 specified in subsections (d), (e) and (f) of this Section:
 778
- 779 1) Baseline emissions shall be calculated using the average of the two
 780 seasonal allotment periods with the highest VOM emissions during 1994,
 781 1995 or 1996.
 782
 - 783 2) Any source may propose to substitute seasonal emissions on a year-for-
 784 year basis due to non-representative conditions in 1994, 1995 or 1996, but
 785 must stay within the period from 1990 through 1997, and must have
 786 accurate seasonal emissions data for the substitute year(s). When
 787 considering whether to substitute a seasonal baseline emission year(s), the
 788 Agency must consider the information submitted by the source pursuant to
 789 Section 205.310(b)(1)(B) of this Subpart, as well as the accuracy of that
 790 data. For the purposes of this subsection (a)(2) "non-representative
 791 conditions" include, but are not limited to, events such as strikes, fires,
 792 floods and market conditions.
 793
- 794 b) Except as provided in subsection (c) of this Section, for any source that has
 795 seasonal emissions of less than 10 tons, as determined in accordance with
 796 subsection (a) of this Section, but becomes a participating source because its
 797 seasonal emissions increase to 10 tons or more in any seasonal allotment period
 798 beginning with 1999, baseline emissions shall be determined by the Agency based
 799 on actual VOM emissions from the first seasonal allotment period in which the
 800 source's emissions equaled or exceeded 10 tons, adjusted as specified in

801 subsections (d), (e) and (f) of this Section, provided such emissions increase is not
 802 a major modification pursuant to 35 Ill. Adm. Code 203.

803
 804 c) For any source that has seasonal emissions of less than 10 tons, as determined in
 805 accordance with subsection (a) of this Section, but becomes a participating source
 806 because its seasonal emissions increase to 10 tons or more in any seasonal
 807 allotment period beginning with 1999 and this emissions increase constitutes a
 808 major modification pursuant to 35 Ill. Adm. Code 203, baseline emissions shall be
 809 determined by the Agency based on the average of the actual seasonal emissions
 810 from the two seasonal periods prior to a timely submittal of its application for the
 811 major modification, adjusted as specified in subsections (d) and (e) of this
 812 Section. Any such source may substitute seasonal emissions on a year-for-year
 813 basis due to non-representative conditions in either of the two seasonal allotment
 814 periods prior to submittal of its application for the major modification but must
 815 stay within the five year period prior to submittal of such application. For the
 816 purposes of this subsection, "non-representative conditions" include, but are not
 817 limited to, conditions such as strikes, fires, floods and market conditions.

818
 819 d) The baseline emissions of any participating source shall be increased for
 820 voluntary over-compliance that occurred after October 31, 1990 and results in a
 821 VOM emissions level that is lower than the level required by applicable
 822 requirements effective in 1996, including limitations in the source's permit(s)
 823 based on such applicable requirements. Voluntary over-compliance shall be
 824 determined in accordance with the following:

- 825
 826 1) Determine the actual activity or production types and levels from the
 827 seasonal allotment period(s) selected for baseline emissions pursuant to
 828 subsection (a), (b) or (c) of this Section;
 829
 830 2) Determine seasonal emissions for each emission unit as the product of the
 831 amount of activity or production, as determined in accordance with
 832 subsection (d)(1) of this Section, and the actual emissions level;
 833
 834 3) Determine seasonal emissions for each emission unit as the product of the
 835 amount of activity or production, as determined in accordance with
 836 subsection (d)(1) of this Section, and the allowable emissions level
 837 pursuant to all applicable requirements effective through 1996, including
 838 limitations in the source's permit(s) based on such applicable
 839 requirements; and
 840
 841 4) Determine the appropriate adjustment to baseline emissions by subtracting
 842 the seasonal emissions determined pursuant to subsection (d)(2) of this
 843 Section from the seasonal emissions determined pursuant to subsection

844 (d)(3) of this Section.

845

846 e) The baseline emissions of any participating source shall be decreased if any of the
847 following circumstances exist:

848

849 1) If a source is out of compliance with any applicable requirements,
850 including limitations in the source's permit(s) based on such applicable
851 requirements, in any of the seasonal allotment periods used for baseline
852 emissions, its baseline emissions shall be lowered to reflect the amount of
853 VOM emissions that would be achieved if in compliance with such
854 requirements.

855

856 2) If any of the seasonal allotment periods selected for baseline emissions do
857 not reflect compliance with requirements effective through 1996 that
858 became applicable after any of the years selected as baseline years, the
859 source's baseline emissions shall be lowered to reflect the amount of VOM
860 emissions that would be achieved if in compliance with such
861 requirements.

862

863 3) If, in any of the years selected for baseline emissions, a source's VOM
864 emissions are in excess of the amount of VOM emissions allowed by
865 applicable rules because it has been granted a variance, has entered into a
866 consent order, or is operating pursuant to a CAAPP permit compliance
867 schedule, the baseline emissions for such source shall be lowered to reflect
868 the VOM emissions amount that would be achieved if in compliance with
869 such requirements, subject to the following:

870

871 A) Each such source shall be allowed to emit VOM emissions in
872 excess of the ATUs it holds at the end of the reconciliation period
873 each year until compliance with the applicable regulation is
874 achieved, or upon expiration of the relief allowed for in the
875 variance, consent order or CAAPP permit compliance schedule,
876 whichever occurs first;

877

878 B) Such excess VOM emissions shall be allowed to the extent allowed
879 in the variance, consent order or CAAPP permit compliance
880 schedule; and

881

882 C) The seasonal component of the Annual Emissions Report for each
883 such source shall be adjusted each year until compliance with the
884 applicable requirement(s) is achieved, or upon expiration of the
885 relief allowed for in the variance, consent order or CAAPP permit
886 compliance schedule, whichever occurs first, as specified in

subsection (e)(3)(B) of this Section.

- 4) For any participating source that operated with excess emissions during startup, malfunction or breakdown during any year used to determine its baseline emissions, whether or not such operation was authorized pursuant to the source's permit, excess VOM emissions attributable to startup, malfunction or breakdown shall be excluded from the baseline emissions.

- f) For new or modified emission units at a source for which a construction permit was issued prior to January 1, 1998, but for which three years of operational data is not available, the baseline emissions determination for the source shall include VOM emissions from such new emission unit or the increase in emissions from the modification of such emission unit based on the two seasonal allotment periods with the highest VOM emissions from the first three complete seasonal allotment periods in which any such new or modified emission unit is operational. ATUs shall only be issued in accordance with this subsection after the baseline emissions has been determined. Any such source shall not be required to hold ATUs for VOM emissions attributable to the new emission unit or the modification of the existing emission unit for the first three complete seasonal allotment periods in which it is operational.

- g) For any source which acquired emission reduction credits pursuant to a written agreement, entered into prior to January 1, 1998, and such emission reduction credits were acquired for use as emissions offsets, in accordance with 35 Ill. Adm. Code 203, such emission reduction credits, adjusted for the seasonal allotment period, and reduced by 24 percent, shall be included in the baseline emissions determination for the source, only to the extent that:
 - 1) The Agency has issued a federally enforceable permit, prior to January 1, 1998, to the source from which the emission reduction credits were acquired, and such federally enforceable permit recognized the creation of the VOM emission reduction credits by the cessation of all VOM-emitting activities and the withdrawal of the operating permits for VOM-emitting activities at such other sources; and
 - 2) The Agency has not relied upon the emission reduction credits to demonstrate attainment or reasonable further progress.

Section 205.330 Emissions Determination Methods

The owner or operator of a participating source or new participating source shall determine VOM emissions from the source during the seasonal allotment period using methods as necessary to demonstrate compliance with this Part. Such methods shall be, at a minimum, as

930 stringent as those required by any applicable requirement and any permit condition. The Agency
 931 shall establish the emissions determination methods applicable to each such source in the
 932 source's CAAPP permit or FESOP. The following methods, in conjunction with relevant source-
 933 specific throughput and operating data, are acceptable methods a source may use to determine
 934 seasonal emissions, depending on the type of emission unit:

- 935
- 936 a) Material balance calculation, based on the VOM content of raw materials and
 937 recovered materials, as is typically used for degreasers, coating lines, and printing
 938 lines equipped with a carbon adsorption system (recovery-type control device) or
 939 without any control device;
- 940
- 941 b) A standard engineering formula for estimation of emissions, as is typically used
 942 for storage and transfer of volatile organic liquids;
- 943
- 944 c) A source-specific emission factor(s), based on representative testing and sampling
 945 data and appropriate analysis, as typically used for petroleum refining processes;
- 946
- 947 d) A published USEPA emission factor(s), as is typically used for component leaks;
- 948
- 949 e) A source-specific emission rate or VOM control efficiency, based on
 950 representative testing, as is typically used for chemical processes and afterburners
 951 (destruction-type control device), respectively;
- 952
- 953 f) A method not listed above that is sufficient to demonstrate compliance with this
 954 Section; or
- 955
- 956 g) An appropriate combination of the above methods, as typically used for a coating
 957 or printing line equipped with a control device, where the available emissions are
 958 determined by material balance and the control efficiency is determined by
 959 representative testing.
- 960

961 **Section 205.335 Sampling, Testing, Monitoring and Recordkeeping Practices**

962

963 The owner or operator of a participating source or new participating source shall conduct
 964 sampling, perform testing, conduct monitoring and maintain records as needed to support its
 965 method for determining seasonal emissions in accordance with Section 205.330 of this Subpart
 966 and to demonstrate compliance with this Part. Such sampling, testing, monitoring and
 967 recordkeeping shall be, at a minimum, as stringent as that required by any applicable requirement
 968 and any permit condition. The Agency shall establish the practices applicable to each such
 969 source in the source's CAAPP permit or FESOP.

970

971 **Section 205.337 Changes in Emission Determination Methods and Sampling, Testing,**
 972 **Monitoring and Recordkeeping Practices**

- 973
974 a) The methods used for determining seasonal emissions from a source shall
975 generally be consistent with the methods used to determine its baseline emissions
976 unless the source's permit accommodates the use of alternate methods to
977 determine VOM emissions.
978
979 b) Modification of Methods and Practices
980
981 1) If a source proposes new or revised methods to determine VOM emissions
982 or new or revised supporting practices for sampling, testing, monitoring or
983 recordkeeping that differ significantly from the methods and practices
984 specified by its current permit, the source shall obtain a revised CAAPP
985 permit in accordance with the procedures specified in Section 39.5 of the
986 Act [415 ILCS 5/39.5], or a revised FESOP, prior to relying on such
987 methods and practices.
988
989 2) The Agency shall issue a revised permit if it finds, based upon submission
990 of an appropriate permit application, that the proposed methods or
991 practices are needed or appropriate to address changes in the operation of
992 the source or emission units that were not considered when the current
993 permit was issued, that the proposed methods and procedures will not
994 significantly affect the determination of actual seasonal emissions, or that
995 the proposed methods and procedures incorporate new or improved
996 analytical techniques or estimation methods that will increase the accuracy
997 with which actual seasonal emissions are determined, and other applicable
998 requirements for issuance of a revised permit are met.
999
1000 3) If the Agency approves the use of a modified method or practice, the
1001 Agency is authorized to determine a corrected baseline and thereafter issue
1002 ATUs in accordance with Section 205.400(c) of this Part pursuant to this
1003 corrected baseline.
1004

1005 SUBPART D: SEASONAL EMISSIONS MANAGEMENT
1006

1007 **Section 205.400 Seasonal Emissions Allotment**
1008

- 1009 a) Each participating source shall receive an allotment which shall be issued by the
1010 Agency and distributed in ATUs.
1011
1012 b) Except for ATUs issued pursuant to Sections 205.500 and 205.510 of this Part,
1013 ATUs issued for any seasonal allotment period are valid for use during the
1014 seasonal allotment period following issuance and the next succeeding seasonal
1015 allotment period. All ATUs shall be valid until such ATUs expire or are retired.

- 1016
 1017 c) The initial allotment for each participating source shall be based on the baseline
 1018 emissions for such source, as determined in accordance with Section 205.320 of
 1019 this Part, and shall be reduced by 12 percent in 1999 or in such other year that a
 1020 source is issued its initial allotment, except as provided in Section 205.405 of this
 1021 Subpart.
 1022
- 1023 d) Except as provided in Section 205.337(b)(3) of this Part and subsections (c) and
 1024 (e) of this Section, allotments shall remain at 1999 or initial levels unless the
 1025 Agency makes a demonstration to the Board, in accordance with the rulemaking
 1026 provisions of Sections 9.8, 27 and 28 of the Act [415 ILCS 5/9.8, 27 and 28], that
 1027 further reductions are needed. An allotment or a baseline under this Part does not
 1028 constitute a property right. Nothing in this Part shall be construed to limit the
 1029 authority of the Board to terminate or limit such allotment or baseline pursuant to
 1030 its rulemaking authority under Sections 9.8, 27 and 28 of the Act [415 ILCS 5/9.8,
 1031 27 and 28].
 1032
- 1033 e) If the baseline emissions for any participating source are increased in accordance
 1034 with Section 205.320(f) of this Part, the allotment shall be increased by the
 1035 modified portion of the baseline emissions amount, reduced by 12 percent, except
 1036 as provided in Section 205.405 of this Subpart.
 1037
- 1038 f) Except as provided in subsection (h) of this Section, any new participating source
 1039 shall not be issued ATUs by the Agency, but shall be required to hold ATUs at
 1040 the end of the reconciliation period as specified in Section 205.150(d) of this Part.
 1041
- 1042 g) Any source existing as of May 1, 1999, which first becomes subject to the
 1043 requirements of this Part because its seasonal emissions increase to 10 tons or
 1044 more as a result of a major modification pursuant to 35 Ill. Adm. Code 203, in any
 1045 seasonal allotment period beginning with 1999, shall not be allotted ATUs by the
 1046 Agency for the VOM emissions attributable to this modification, except as
 1047 provided in subsection (h) of this Section, but shall be allotted ATUs by the
 1048 Agency based on its baseline emissions, as determined in accordance with Section
 1049 205.320 of this Part. Any such participating source shall be required to hold
 1050 ATUs at the end of the reconciliation period as specified in Section 205.150(c) of
 1051 this Part, for each seasonal allotment period in which it is subject to this Part.
 1052
- 1053 h) If a participating source or new participating source submits an ATU transfer
 1054 agreement authorizing the transfer of ATUs for more than one year, as provided
 1055 in Section 205.630(a)(2)(B) of this Part, the ATUs shall be automatically
 1056 transferred by the Agency from the transferor's Transaction Account to the
 1057 transferee's Transaction Account. Upon reopening or renewal of the CAAPP
 1058 permit or FESOP for any such source, any multiple season transfer agreement that

1059 has three or more years of transfers remaining shall be identified in the renewed
 1060 or reissued CAAPP permit or FESOP for each such source.

1061

1062 **Section 205.405 Exclusions from Further Reductions**

1063

1064 a) VOM emissions from the following emission units, if satisfying subsection(a)(1),
 1065 (a)(2) or (a)(3) of this Section prior to May 1, 1999, shall be excluded from the
 1066 VOM emissions reductions requirements specified in Section 205.400(c) and (e)
 1067 of this Subpart as long as such emission units continue to satisfy subsection (a)(1),
 1068 (a)(2) or (a)(3) of this Section:

1069

1070 1) Emission units that comply with any NESHAP or MACT standard
 1071 promulgated pursuant to the CAA;

1072

1073 2) Direct combustion emission units designed and used for comfort heating
 1074 purposes, fuel combustion emission units and internal combustion
 1075 engines; and

1076

1077 3) An emission unit for which a LAER demonstration has been approved by
 1078 the Agency on or after November 15, 1990.

1079

1080 b) When it is determined that an emission unit is using, prior to May 1, 1999, BAT
 1081 for controlling VOM emissions, VOM emissions from such emission unit shall
 1082 not be subject to the VOM emissions reductions requirement specified in Section
 1083 205.400(c) or (e) of this Subpart as long as such emission unit continues to use
 1084 such BAT. The owner or operator of a source may request such exclusion from
 1085 further reductions by providing the following information, in addition to the
 1086 information required in Section 205.310 of this Part, in its ERMS application:

1087

1088 1) Identification of each emission unit for which exclusion is requested,
 1089 including the year of initial operation of such emission unit;

1090

1091 2) Identification of all requirements applicable to the emission unit;

1092

1093 3) A demonstration that the emission unit is using BAT for controlling VOM
 1094 emissions;

1095

1096 4) Identification of the permitted VOM emissions from the emission unit;

1097

1098 5) VOM emissions from the emission unit for each seasonal allotment period
 1099 used in the baseline emissions determination for the source; and

1100

1101 6) A description and quantification of any reductions in VOM emissions that

were achieved at the emission unit or source based on its use of BAT.

- c) As part of its review of an ERMS application or application for a modified allotment, the Agency may determine that any such emission unit qualifies for exclusion from further reductions under subsection (a) or (b) of this Section. The Agency shall make its proposed determination in a draft CAAPP permit or FESOP subject to public notice and participation, accompanied by an explanation of its proposed action.

Section 205.410 Participating Source Shutdowns

- a) If a participating source shuts down all operations at the source, and withdraws its permit or its permit is revoked or terminates, allotments issued to such a source for each seasonal allotment period after the shutdown occurred shall be subject to the following:
 - 1) 80 percent of all such ATUs shall continue to be allotted to the owner or operator of such source or its duly authorized recipient; and
 - 2) 20 percent of all such ATUs shall be issued to the ACMA.
- b) Except as provided in subsection (c) of this Section, the owner or operator of any participating source that shuts down all operations, in accordance with subsection (a) of this Section, shall submit a written request to have its status changed to a general participant, upon withdrawal, revocation or termination of its permit.
- c) The owner or operator of any participating source that shuts down all operations, in accordance with subsection (a) of this Section, may authorize the issuance of future ATUs to the Transaction Account of another participating source, new participating source or general participant by submitting a transfer agreement authorizing a permanent transfer of all future ATUs. The CAAPP permit or FESOP of any participating source or new participating source designated to receive future allotments of ATUs pursuant to such a transfer agreement shall be modified to reflect this transfer upon reopening or renewal. Any ATUs issued pursuant to a transfer agreement entered into under this subsection before shut down of all operations of the participating source shall not be subject to subsection (a) of this Section.

SUBPART E: ALTERNATIVE ATU GENERATION

Section 205.500 Emissions Reduction Generator

Any participating source, new participating source or general participant may submit a proposal

1145 for issuance of ATUs to it based on VOM emissions reductions, as specified in subsection (a) of
 1146 this Section, achieved by any source or group of sources located in the Chicago area with an
 1147 operating permit(s) other than a participating source or new participating source. The owner or
 1148 operator of each source from which the VOM emissions reductions have been or will be
 1149 achieved shall certify its acceptance of the terms of the proposal and that it has achieved or will
 1150 achieve the emissions reductions specified in the proposal. An emissions reduction generator
 1151 may apply for a modification to its operating permit to incorporate limitations that make the
 1152 VOM emissions reductions specified in the relevant proposal enforceable.

- 1153
- 1154 a) ATUs will only be issued pursuant to this Section if based on actual VOM
 1155 emissions reductions that meet one or more of the following:
- 1156
- 1157 1) If, based on the same actual production rate, VOM emissions at the source
 1158 for any seasonal allotment period beginning in 1999 are or will be lower
 1159 due to the use of technology or materials at the source than if operating at
 1160 the same production rate at the emissions level allowed by applicable
 1161 requirements effective in 1996 or any requirements included in the State
 1162 Implementation Plan, provided such reductions occurred after 1990;
 - 1163
 - 1164 2) The source shuts down a portion or all of its operation(s) after 1996 and
 1165 withdraws the relevant operating permit(s), provided the VOM emissions
 1166 from the shut down activity or activities will not be distributed elsewhere
 1167 within the Chicago area;
 - 1168
 - 1169 3) The source(s) curtails its seasonal production activity resulting in an actual
 1170 reduction in VOM emissions during any seasonal allotment period
 1171 beginning in 1999, provided the VOM emissions from the curtailment will
 1172 not be distributed elsewhere within the Chicago area. Such emissions
 1173 reduction shall be based on the difference between the average production
 1174 level for the two seasonal allotment periods prior to the year of curtailment
 1175 and the curtailed production level, calculated at the VOM emission rate
 1176 allowed by applicable requirements effective in 1996; or
 - 1177
 - 1178 4) The source shuts down operations or curtails seasonal production activity
 1179 as described in subsections (a)(2) and (a)(3) of this Section, respectively,
 1180 and the VOM emissions from the shut down activity or activities or
 1181 curtailment will be distributed to a participating or new participating
 1182 source or sources within the Chicago area, and the proposal provides that
 1183 all ATUs issued pursuant to this Section on account of such shut down or
 1184 curtailment are to be issued to the corresponding participating or new
 1185 participating source or sources.
 - 1186
- 1187 b) If any proposal is based on a shut down of operations, as specified in subsection

- 1188 (a)(2) of this Section, that results in seasonal emissions reductions of 10 tons or
1189 more, 20 percent of ATUs issued based on such an emissions reduction generator
1190 proposal shall be allocated to the ACMA.
1191
- 1192 c) Any proposal based on seasonal emissions reductions of 10 tons or more and the
1193 Agency's approval thereof shall be subject to the public notice requirements in
1194 accordance with the regulations governing CAAPP permit or FESOP issuance.
1195
- 1196 d) Any proposal submitted shall include the following:
1197
- 1198 1) Information identifying the source(s) from which the VOM emissions
1199 reductions has been or will be achieved and its owner or operator;
1200
 - 1201 2) An explanation of the method used to achieve the VOM emissions
1202 reductions;
1203
 - 1204 3) Relevant information describing the nature of the underlying activity that
1205 generated the VOM emissions and the relationship of the units at which
1206 the VOM emissions reduction occurred to other units or sources
1207 performing the same or related activity in the Chicago area, if the VOM
1208 emissions reduction is attributable to a partial or complete source
1209 shutdown or a production curtailment, as specified in subsection (a)(2),
1210 (a)(3) or (a)(4) of this Section;
1211
 - 1212 4) The amount of VOM emissions for the two seasonal allotment periods
1213 prior to the year(s) of curtailment, including supporting calculations, if the
1214 VOM emissions reduction is attributable to a production curtailment as
1215 specified in subsection (a)(3) or (a)(4) of this Section;
1216
 - 1217 5) The amount of the VOM emissions reduction, including supporting
1218 calculations and documentation, such as material usage information;
1219
 - 1220 6) The name and address of the participating source(s), new participating
1221 source(s) or general participant(s) to which ATUs will be issued, including
1222 the name and telephone number of the account officer for such source or
1223 participant; and
1224
 - 1225 7) The owner or operator of each proposed emission reduction generator
1226 shall certify its acceptance of the terms of the proposal and certify that it
1227 has achieved or will achieve the emissions reductions specified in the
1228 proposal.
1229
- 1230 e) The owner or operator of any emissions reduction generator may modify its

- 1231 operating permit to incorporate limitations that make the VOM emissions
 1232 reductions specified in the relevant proposal enforceable.
 1233
- 1234 f) If the emissions reduction generator does not modify its permit, as specified in
 1235 subsection (e) of this Section, or experiences a shutdown, as specified in
 1236 subsection (a)(2) or (a)(4) of this Section, and the proposal is submitted prior to
 1237 the availability of actual VOM emissions data from the relevant seasonal
 1238 allotment period, the Agency shall determine if the proposal is acceptable on a
 1239 preliminary basis and provide notification of this determination. The Agency
 1240 shall not issue final approval, in accordance with subsection (g) of this Section, of
 1241 any such proposal until the actual VOM emissions data is submitted.
 1242
- 1243 g) The Agency shall notify the participating source, new participating source or
 1244 general participant in writing of its final decision with respect to the proposal
 1245 within 45 days after receipt of such proposal or receipt of VOM emissions data to
 1246 verify that the specified reductions occurred, whichever occurs later. If the
 1247 Agency denies or conditionally approves a proposal, this written notice shall
 1248 include a statement of the specific reasons for denying or modifying the proposal.
 1249 The Agency's determination as to the approvability of any proposal submitted
 1250 pursuant to this Section is subject to review by the Board as provided at 35 Ill.
 1251 Adm. Code 105.102, provided the proposed emissions reduction generator is not
 1252 requesting a permit revision. If such a permit revision is requested, the applicable
 1253 permit review and appeal procedures shall apply.
 1254
- 1255 h) If the Agency deems that the proposal is sufficient to receive final approval, the
 1256 Agency shall issue ATUs in accordance with the following:
 1257
- 1258 1) Any ATUs issued pursuant to this subsection shall be issued to the
 1259 participating source(s), new participating source(s) or general participant
 1260 identified in the proposal;
 1261
 - 1262 2) If the emissions reduction generator modifies its operating permit as
 1263 specified in subsection (e) of this Section, to incorporate limitations that
 1264 make the VOM emissions reductions specified in the relevant proposal
 1265 enforceable, ATUs shall be issued on the date such source is required to
 1266 comply with the limitations in the permit and for each seasonal allotment
 1267 period thereafter in which the VOM emissions reductions are required by
 1268 the source's permit;
 1269
 - 1270 3) If the proposal is based on a partial or complete shut down, as specified in
 1271 subsection (a)(2) or (a)(4) of this Section, ATUs shall be issued before the
 1272 seasonal allotment period for each year specified in the proposal;
 1273

- 1274 4) If the emissions reduction generator does not modify its permit and the
1275 proposal is submitted prior to the availability of actual VOM emissions
1276 data from the relevant seasonal allotment period(s), the Agency shall issue
1277 ATUs upon final approval which shall occur after actual VOM emissions
1278 data is evaluated for the relevant seasonal allotment period;
1279
- 1280 5) If the emissions reduction generator includes information on actual VOM
1281 emissions reductions during the seasonal allotment period for which ATUs
1282 are sought, ATUs will be issued by the Agency upon final approval of the
1283 proposal;
1284
- 1285 6) Except as provided in subsection (h)(7) of this Section, ATUs issued
1286 pursuant to this subsection shall only be valid for the seasonal allotment
1287 period in which the emissions reductions were achieved;
1288
- 1289 7) If the VOM emissions reductions specified in a proposal are incorporated
1290 into the emissions reduction generator's permit or, if the emissions
1291 reduction generator shuts down all or a portion of its operations and
1292 withdraws all relevant operating permits, ATUs issued pursuant to this
1293 subsection shall be valid for the seasonal allotment period following
1294 issuance and for the next seasonal allotment period; and
1295
- 1296 8) The number of ATUs issued pursuant to subsection (h)(2) or (h)(3) of this
1297 Section based on a proposal under subsection (a)(4) of this Section shall
1298 be equal to the number of ATUs otherwise issuable under this Section
1299 reduced by 12 percent.
1300

1301 **Section 205.510 Inter-Sector Transaction**
1302

1303 Any person may submit a proposal to the Agency to have ATUs issued to the Transaction
1304 Account of a participating source, new participating source or general participant equivalent to
1305 VOM emissions reductions from mobile sources or area sources in the Chicago area. Any such
1306 proposal for the VOM emissions reduction project is subject to Agency review and approval,
1307 shall be consistent with laws and regulations and shall include all supporting documentation.
1308 The Agency shall review all such proposals in accordance with the following:
1309

- 1310 a) **Regulatory Based Proposal**
1311 If the VOM emission reductions that have been generated or will be generated are
1312 pursuant to a regulation that provides the procedure to determine VOM emissions
1313 reductions and allows for such reductions to be converted to ATUs, the Agency
1314 shall approve the proposal if based on the provisions of the applicable regulation.
1315 The Agency shall approve, conditionally approve or deny any complete and
1316 adequately supported proposal within 45 days after the Agency's receipt thereof

1317 by sending written notification of its decision. If the Agency denies or
1318 conditionally approves a proposal, this written notice shall include a statement of
1319 the specific reasons for denying or modifying the proposal.
1320

- 1321 b) Other Proposals
1322 If the proposal is based on VOM emissions reductions that have been generated or
1323 will be generated which are beyond VOM emissions reductions required by any
1324 mandatory applicable rules, the proposal shall include an explanation of the
1325 method(s) used to achieve the VOM emissions reductions and the method(s) used
1326 to quantify the VOM emissions reductions, including supporting documentation
1327 and calculations. The Agency shall evaluate the validity of VOM emission
1328 reductions that allegedly were generated or will be generated and approve,
1329 conditionally approve or deny any complete proposal within 90 days after the
1330 Agency's receipt by sending written notification of its decision to the source. If
1331 the Agency denies or conditionally approves a proposal, this written notice shall
1332 include a statement of the specific reasons for denying or modifying the proposal.
1333
- 1334 c) No ATUs shall be issued based on mobile or area source VOM emissions
1335 reductions unless a proposal, in accordance with this Section, has been approved
1336 by the Agency.
1337
- 1338 d) All ATUs issued pursuant to a proposal approved pursuant to this Section shall be
1339 issued to the Transaction Account identified in the proposal. Such ATUs shall
1340 only be valid for the seasonal allotment period in which the emissions reductions
1341 were achieved, unless the Agency specifies in its approval that such ATUs shall
1342 be valid for the seasonal allotment period following issuance and for the next
1343 seasonal allotment period.
1344
- 1345 e) The Agency's determination that a proposal submitted pursuant to this Section is
1346 denied or conditionally approved is subject to review by the Board as provided at
1347 35 Ill. Adm. Code 105.102.
1348

1349 SUBPART F: MARKET TRANSACTIONS

1350
1351 **Section 205.600 ERMS Database**
1352

- 1353 a) The Agency or its designee shall maintain a bulletin board that shall be available
1354 for public access on which a listing of the status of ATUs will be posted. Other
1355 public information and notices will also be posted and participating sources, new
1356 participating sources and general participants may post ATUs available for
1357 purchase or wanted for purchase. The bulletin board shall include the following
1358 information on ATUs:
1359

- 1360 1) Date issued and source issued to;
1361
1362 2) Where applicable, date transferred and source or person transferred to;
1363
1364 3) Status of ATUs in each account, i.e., available for use, or date retired or
1365 date expired; and
1366
1367 4) Posted each week during the reconciliation period and no less than
1368 monthly at all other times, the average price paid for ATUs transferred the
1369 previous week or the previous month, as appropriate.
1370
- 1371 b) The Agency or its designee shall maintain a Transaction Account database.
1372 Information contained on this database shall be considered the official record of
1373 the ERMS. Account officer(s) may request status updates for accounts for which
1374 they are designated. The database shall include information on all ATUs held in
1375 each account.
1376
- 1377 c) The Agency or its designee shall separately maintain a listing of all ATUs expired
1378 or retired within the most recent five years, including the date of expiration or
1379 retirement.
1380

1381 **Section 205.610 Application for Transaction Account**
1382

- 1383 a) Each participating source, new participating source and general participant shall
1384 apply for and obtain authorization for a Transaction Account from the Agency
1385 prior to conducting any market transactions. Each participating source shall
1386 submit to the Agency its completed application for a Transaction Account no later
1387 than 30 days prior to the beginning of the first seasonal allotment period in which
1388 the source is required to participate. Each new participating source shall submit
1389 to the Agency its completed application for a Transaction Account no later than
1390 30 days prior to the beginning of the first seasonal allotment period in which it is
1391 operational.
1392
- 1393 b) Each Transaction Account application shall include the following information:
1394
- 1395 1) The name and address of the participating source, new participating source
1396 or general participant, and the name and address of its owner or operator;
1397
- 1398 2) The names and addresses of all designated account officers;
1399
- 1400 3) The certification specified in Section 205.620(a)(5) of this Subpart signed
1401 by each account officer; and
1402

1403 4) For a participating source or new participating source, identification of the
1404 CAAPP permit or FESOP number for the source.
1405

1406 c) Special Participants
1407 Any person may purchase ATUs to retire for air quality benefit only. Such person
1408 shall be a special participant and shall register with the Agency prior to its first
1409 ATU purchase. Special participants will not have Transaction Accounts in the
1410 Transaction Account database. All ATUs purchased by special participants will
1411 be retired effective on the date of purchase and will be listed as retired in the
1412 appropriate database.
1413

1414 d) Special participants will be given a registration number by the Agency so that
1415 their purchases of ATUs can be recorded.
1416

1417 **Section 205.620 Account Officer**
1418

1419 a) Each participating source, new participating source or general participant must
1420 have at least one account officer designated for each of its Transaction Accounts.
1421 The account officer(s) shall be the only person(s) authorized to make ATU
1422 transactions involving such designated Transaction Account. At least one account
1423 officer must certify each official document that pertains to a designated
1424 Transaction Account or associated market transactions. Account officers may be
1425 employees or contractors of participating sources, new participating sources or
1426 general participants. No participating source, new participating source or general
1427 participant may engage in ATU transactions if it does not have an account officer
1428 approved by the Agency. Each account officer shall satisfy all of the following:
1429

1430 1) Be at least 18 years of age;

1431
1432 2) Be an American citizen or a legal alien;

1433
1434 3) Have not been convicted of or had a final judgment entered against him or
1435 her in any State or federal court for a violation of State or federal air
1436 pollution laws or regulations, or for fraud;

1437
1438 4) Be scheduled to attend the next scheduled training program or has already
1439 completed the program; and

1440
1441 5) Certify to the following statement as a part of the relevant Transaction
1442 Account application:

1443
1444 I certify that I satisfy all of the requirements for an account officer. I am
1445 aware that I may be disqualified from acting as an account officer in the

1446 State of Illinois, pursuant to 35 Ill. Adm. Code 205, if any information
1447 submitted in this application is determined to be false or misleading.
1448

1449 b) Account Officer Training Program
1450

1451 Except as provided in subsection (d) of this Section, each candidate must
1452 satisfactorily complete the training program for account officers conducted by the
1453 Agency or its designee prior to acting as an account officer.
1454

1455 1) To attend the account officer training program, a person must enroll with
1456 the Agency prior to the date for the next scheduled training program.
1457

1458 2) The training program shall cover, at a minimum, the following topics: an
1459 overview of the ERMS, forms for the ERMS, market transaction
1460 procedures, and operation of the ERMS databases.
1461

1462 3) The account officer training program will be offered at least once
1463 annually, and may be offered more frequently, depending upon demand.
1464 The Agency or its designee shall publish advance notice of the time, date
1465 and location for each training program.
1466

1467 c) Disclaimer
1468

1469 The Agency and the State of Illinois do not endorse or guarantee the conduct or
1470 quality of work by account officers who have been approved by the Agency, nor
1471 does it endorse or guarantee the validity of any representations or ERMS market
1472 transactions offered or made by account officers who have been approved by the
1473 Agency.
1474

1475 d) Expedited Approval of Account Officer
1476

1477 In the event that an account officer unexpectedly leaves that position, the
1478 participating source, new participating source or general participant may request
1479 permission from the Agency to allow for a new account officer for up to one year,
1480 provided the participating source, new participating source or general participant
1481 submits a written certification in accordance with subsection (a)(5) of this Section
1482 and affirms that the candidate for expedited approval by the Agency shall
1483 complete the training program, in accordance with subsection (b) of this Section,
1484 no later than one year from the date the expedited approval is requested.
1485

1486 **Section 205.630 ATU Transaction Procedures**
1487

1488 Recognized sales and purchases of ATUs may be made between any two Transaction Accounts

1489 or from a Transaction Account to the ACMA. A sale of ATUs may also be made from a
1490 Transaction Account to a special participant. No sale of ATUs shall be recognized from a
1491 special participant to any other person.

1492

1493 a) Transfer of ATUs shall be subject to the following requirements:

1494

1495 1) Transfers between Transaction Accounts may only be made by the
1496 account officers for both accounts;

1497

1498 2) All ATU transfers shall be duly authorized by the account officers for both
1499 Transaction Accounts, or, if the ATUs are being transferred to a special
1500 participant, the account officer of the Transaction Account of the
1501 transferor and a representative of the special participant;

1502

1503 A) Duly authorized ATU transfers shall identify the ATU(s) involved
1504 in the transaction;

1505

1506 B) Written ATU transfer agreements signed by the account officers
1507 for both Transaction Accounts may authorize the transfer of ATUs
1508 for more than one season. If a transfer agreement authorizes the
1509 future transfer of ATUs for any season for which ATUs have not
1510 yet been issued for use, the ATUs shall be automatically
1511 transferred to the buyer's Transaction Account for each year such
1512 transfer is authorized pursuant to the transfer agreement, in which
1513 case the account officers for each Transaction Account will be
1514 notified of this transfer;

1515

1516 3) No transfer shall be considered official for purposes of the ERMS until
1517 entered into the Transaction Account database;

1518

1519 4) The Agency or its designee shall enter ATU transfers into the Transaction
1520 Account database within one week of the Agency receiving notification of
1521 a duly authorized ATU transfer; and

1522

1523 5) Any ATU transfer agreements entered into after December 31 of a given
1524 year may not be used by the buyer to cover emissions from the preceding
1525 seasonal allotment period, but may only be used prospectively.

1526

1527 b) The account officers involved in ATU transfers shall report the purchase price for
1528 all ATU transfers to the Agency or its designee and shall indicate whether
1529 consideration other than the purchase price reported was involved in the transfer.

1530

1531 c) Transaction Requirements

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- 1) Expired or retired ATUs may not be bought or sold;
 - 2) The Transaction Account database must show ATUs proposed for transfer as being held by the selling entity. After such transfer is official as specified in subsection (a)(3) of this Section, the transferee's Transaction Account will show the ATUs subject to such transfer as being held in this Transaction Account;
 - 3) The minimum sale allowed under the ERMS shall be one ATU; and
 - 4) No sale may include partial ATUs.
- d) Official Record of Transactions
- 1) The official record of all ATU transactions and the current status of all ATUs shall be the Transaction Account database.
 - 2) Account officers shall be allowed to inspect their Transaction Account(s) in the Transaction Account database. Any discrepancies found by the account officer shall be reported to the Agency or its designee along with a request for correction. All data supporting such request shall be sent along with the request for correction. A request for correction may not be used to alter an allotment.
 - 3) After the end of each reconciliation period, the Agency shall retire ATUs in the Transaction Account of each participating source or new participating source in the amount specified in Section 205.150(c) or (d) of this Part. If the source does not have sufficient ATUs in its Transaction Account to account for its VOM emissions from the preceding seasonal allotment period, the source shall be subject to emissions excursion compensation in accordance with Section 205.720 of this Part. ATUs shall be retired in order of issuance, unless the account officer for the Transaction Account notifies the Agency in writing to specify which ATUs in the Transaction Account should be retired.

SUBPART G: PERFORMANCE ACCOUNTABILITY

Section 205.700 Compliance Accounting

- a) The owner or operator of each participating source or new participating source shall maintain and retain for five years at the source or at another location agreed to by the Agency, in conjunction with the records it maintains to demonstrate

1575 compliance with its CAAPP permit or FESOP, all of the following documents as
1576 its compliance master file:

- 1577
- 1578 1) A copy of its seasonal component of its Annual Emissions Report;
 - 1579
 - 1580 2) Information on actual VOM emissions, as recorded in accordance with
1581 Section 205.335 of this Part, and as required by the CAAPP permit or
1582 FESOP for the source; and
 - 1583
 - 1584 3) Copies of any transfer agreements for the purchase or sale of ATUs and
1585 other documentation associated with the transfer of ATUs.
 - 1586

1587 b) Compliance Master File Review

- 1588
- 1589 1) The owner or operator of each participating source or new participating
1590 source shall allow the Agency or an authorized representative to enter and
1591 inspect the premises as described by Section 39.5(7)(p)(ii) of the Act [415
1592 ILCS 5/39.5(7)(p)(ii)] and to review its compliance master file.
 - 1593
 - 1594 2) After the conclusion of each compliance master file review, a report shall
1595 be prepared by the Agency and issued to the inspected source that includes
1596 the following information:
 - 1597
 - 1598 A) An identification of any noncompliance with the requirements of
1599 this Part; and
 - 1600
 - 1601 B) An evaluation of increases and decreases in seasonal emissions of
1602 VOMs that are also hazardous air pollutants, as related to ATU
1603 transactions.
 - 1604
 - 1605 3) Nothing in this Part shall affect any other obligations of a source to allow
1606 inspection(s) under State or federal laws or regulations.
 - 1607

1608 **Section 205.710 Alternative Compliance Market Account (ACMA)**

- 1609
- 1610 a) The Agency or its designee shall operate the ACMA. The purpose of the ACMA
1611 is to serve as a secondary source of ATUs that may be purchased by participating
1612 sources and new participating sources, as specified in this Section.
 - 1613
 - 1614 b) The ATUs in the ACMA will have an indefinite life so long as they remain in the
1615 ACMA, but, once purchased, must be used either for the preceding or next
1616 seasonal allotment period. If these ATUs are not used for compliance in that
1617 seasonal allotment period, they will expire.

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- c) ATUs in an amount equal to one percent of each year's allotment shall be issued to the ACMA, beginning in 1999. In addition, ATUs shall be deposited into the ACMA due to source shutdowns, as specified in Sections 205.410(a) and 205.500(b) of this Part. ATUs for the ACMA may also be obtained by the Agency in the following ways:
 - 1) The Agency or its designee is authorized to accept voluntary contributions of ATUs from participating sources or other persons for deposit into the ACMA.
 - 2) The Agency is authorized to deposit ATUs from its purchase of ATUs or to deposit ATUs created from emissions reductions it generates beyond reductions otherwise required by statute or regulation for attainment of the NAAQS for ozone.
- d) Regular Access to ACMA
 - 1) Regular access to the ACMA shall be available when there is sufficient positive balance of ATUs to supply the requesting source. Any participating source or new participating source may apply to the Agency during the reconciliation period for regular access to the ACMA to purchase ATUs for the preceding seasonal allotment period.
 - 2) Within 15 days after receipt of any request for regular access to the ACMA, the Agency shall notify the source if regular access to the ACMA is available or if there are insufficient ATUs in the ACMA for regular access. The Agency shall also advise any participating source that special access is available when regular access is unavailable.
 - 3) After being granted regular access to the ACMA by the Agency, a participating source or new participating source may purchase ATUs from the ACMA at the rate of \$1,000 per ATU or 1.5 times the average market price, as determined by the Agency, whichever is less. ATUs shall only be available at 1.5 times the market price if sufficient single season ATUs transfers have occurred with a purchase price that fully reflects the consideration involved in the transfer to establish an average market price. All payments for ATUs from the ACMA shall be made to the Agency or the Agency's designee for deposit into the Alternative Compliance Market Account Fund.
- e) Special Access to ACMA

- 1661 Special access to the ACMA shall be available to participating sources, in
 1662 accordance with this subsection, when the ACMA balance is not sufficient to
 1663 meet the needs of requesting participating sources.
 1664
- 1665 1) The Agency shall credit the ACMA with up to one percent of ATUs from
 1666 the seasonal allotment for the next seasonal allotment period as an
 1667 advance to provide assistance for special access to be granted, as provided
 1668 in subsection (e)(2) of this Section. Special access to the ACMA shall
 1669 only be allowed to the extent that such access does not exceed this one
 1670 percent of the next seasonal allotment.
 1671
 - 1672 2) To the extent allowed pursuant to subsection (e)(1) of this Section, the
 1673 Agency shall grant special access to the ACMA to any participating
 1674 source if the source submits a written request demonstrating that the
 1675 following exist:
 1676
 - 1677 A) During the reconciliation period the source has not been able to
 1678 obtain regular access to the ACMA and has not been able to obtain
 1679 ATUs in the market; and
 - 1680 B) Actual seasonal emissions have exceeded ATUs held by the source
 1681 for the applicable seasonal allotment period.
 1682
 - 1683 3) After being granted special access to the ACMA, a participating source
 1684 may purchase ATUs at the rate of \$1100 per ATU or 2 times the average
 1685 market price, as determined by the Agency, whichever is less. ATUs shall
 1686 only be available at 2 times the market price if sufficient single season
 1687 ATUs transfers have occurred with a purchase price that fully reflects the
 1688 consideration involved in the transfer to establish an average market price.
 1689 All payments for ATUs from the ACMA shall be made payable to the
 1690 Agency or the Agency's designee for deposit into the Alternative
 1691 Compliance Market Account Fund.
 1692
 - 1693 4) The Agency shall provide written notification, within 15 days after receipt
 1694 of any request for special access to the ACMA, allowing or denying
 1695 special access to the ACMA to any participating source requesting such
 1696 access. If the Agency denies such access, this written notification shall
 1697 include its reasons for denying access.
 1698
 - 1699 f) Special access to the ACMA will create a need to generate sufficient VOM
 1700 emissions reductions during the subsequent calendar year to offset the ATUs
 1701 distributed; in this instance, the Agency shall:
 1702
 1703

- 1704 1) Offset these ATUs by crediting any expired ATUs from the Transaction
1705 Accounts of all ERMS participants to the ACMA after the end of the
1706 reconciliation period;
1707
- 1708 2) Seek to achieve an equivalent amount of VOM emissions reductions by
1709 the end of the subsequent year to offset these ATUs; or
1710
- 1711 3) Credit the ACMA with the one percent of ATUs, as needed, from the next
1712 seasonal allotment, as provided in subsection (e)(1) of this Section.
1713
- 1714 g) The Agency is authorized to use moneys derived from the sale of ATUs from the
1715 ACMA to develop and implement additional VOM emissions reductions. If the
1716 ACMA is operating without a positive balance, the Agency shall endeavor to
1717 generate new emissions reductions whenever possible.
1718
- 1719 h) Limitations on Operation of ACMA
1720
- 1721 The ability of new participating sources to obtain ATUs from the ACMA shall be
1722 limited through the seasonal allotment period of 2002, in the aggregate, to no
1723 more than 30 percent of the available ACMA balance at the start of each seasonal
1724 allotment period unless ATUs are available after access by all participating
1725 sources. In such case, new participating sources may obtain ATUs from the
1726 ACMA up to 50 percent of the available ACMA balance at the start of each
1727 seasonal allotment period.
1728
- 1729 i) If the Agency denies special access to the ACMA to any participating source,
1730 such source may petition the Board for review of the Agency's denial in
1731 accordance with the procedures specified at 35 Ill. Adm. Code 105.102.
1732

1733 **Section 205.720 Emissions Excursion Compensation**
1734

1735 The Agency shall obtain emissions excursion compensation from any participating source or new
1736 participating source that does not hold ATUs in accordance with Section 205.150(c) or (d) of this
1737 Part by the conclusion of the reconciliation period. For any emission excursion during 1999 by a
1738 participating or new participating source that was not issued a CAAPP permit before May 1,
1739 1998, all references in subsections (b)(1) and (b)(3), (c) and (e) of this Section to 1.2 times the
1740 emissions excursion shall be 1.0 times the emissions excursion. The Agency shall obtain
1741 emissions excursion compensation pursuant to the following procedures.
1742

- 1743 a) The Agency shall issue an Excursion Compensation Notice to any such source
1744 when an apparent emissions excursion is identified by the Agency.
1745
- 1746 b) Except as provided in subsection (c) of this Section, the Excursion Compensation

1747 Notice shall require the source to provide compensation in the following manner:
1748

1749 1) The participating source or new participating source shall purchase ATUs
1750 from the ACMA in an amount equivalent to 1.2 times the emissions
1751 excursion;

1752
1753 2) For the second consecutive seasonal allotment period in which an
1754 emissions excursion occurred, the participating source or new
1755 participating source shall purchase ATUs from the ACMA in an amount
1756 equivalent to 1.5 times the emissions excursion; or
1757

1758 3) If the ACMA balance is not adequate to cover 1.2 times or, when required,
1759 1.5 times the total emissions excursion amount, the Agency shall deduct
1760 ATUs equivalent to 1.2 times or, when required, 1.5 times the total
1761 emissions excursion or any remaining portion thereof from the source's
1762 next allotment of ATUs.
1763

1764 c) Within 15 days after receipt of an Excursion Compensation Notice, the owner or
1765 operator of the subject source may apply to the Agency to request that ATUs in an
1766 amount equivalent to 1.2 times or, when required, 1.5 times the emissions
1767 excursion be deducted from the source's next seasonal allotment, rather than
1768 acquired from the ACMA.
1769

1770 d) Any source issued an Excursion Compensation Notice may contest the Agency's
1771 findings by filing a petition with the Board requesting review of the Emissions
1772 Excursion Compensation Notice in accordance with the procedures specified in
1773 35 Ill. Adm. Code 105.102.
1774

1775 e) If any source contests the Agency's findings in the Excursion Compensation
1776 Notice, the Agency shall withhold ATUs in an amount equivalent to 1.2 times or,
1777 when required, 1.5 times the amount of the alleged emissions excursion from the
1778 source's next seasonal allotment. These ATUs shall be withheld until the Board
1779 issues a final order resolving the source's petition contesting the Agency's
1780 Excursion Compensation Notice. If the source prevails before the Board, the
1781 ATUs withheld shall be transferred to the source's Transaction Account. If the
1782 Agency prevails before the Board, the ATUs withheld shall be retired to offset the
1783 emissions excursion.
1784

1785 f) Sources that provide emissions excursion compensation pursuant to this Section
1786 shall not be subject to enforcement authority granted to the State or any person
1787 under applicable State or federal laws or regulations or any permit conditions.
1788 The enforcement authority of the State or any person is only limited by this
1789 subsection as it applies to an emissions excursion.

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Section 205.730 Excursion Reporting

Upon issuance of each Excursion Compensation Notice to any source that has already had one previous admitted or adjudicated emissions excursion, the source shall submit to the Agency any additional reports required by the source's CAAPP permit or FESOP.

Section 205.740 Enforcement Authority

Except as provided in Section 205.720(f) of this Subpart, nothing in this Part limits the State's authority to seek penalties and injunctive relief for any violation of any applicable State law or regulation or any permit condition, as otherwise provided in the Act. Nothing in this Part limits the right of the federal government or any person to directly enforce against actions or omissions which constitute violations of permits required by the Clean Air Act or applicable federal environmental laws and regulations.

Section 205.750 Emergency Conditions

VOM emissions that are a consequence of an emergency, and are in excess of the technology-based emission rates which are achieved during normal operating conditions, to the extent that such excess emissions are not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operation error, shall be deducted from the calculation of actual VOM emissions during the seasonal allotment period in which the emergency occurred, subject to the following:

- a) The owner or operator of the participating source or new participating source shall submit an initial emergency conditions report to the Agency within two days after the time when such excess emissions occurred due to the emergency. The submittal of this initial emergency conditions report shall be sufficient to fulfill the notice requirements of Section 39.5(7)(k) of the Act [415 ILCS 5/39.5(7)(k)] as it relates to VOM emissions at the source if the report provides a detailed description of the emergency, any steps taken to mitigate emissions and corrective actions taken, to the extent practicable. The final report shall contain the following information:
 - 1) A description of the cause(s) of the emergency and the duration of the episode;
 - 2) Verification that the source was being operated properly at the time of the emergency;
 - 3) A demonstration that the source took all reasonable steps to minimize excess VOM emissions during the emergency period, including but not

1833 limited to the following actions, if technically and economically feasible:

- 1834
- 1835 A) The level of operation of the affected emission unit(s) was
- 1836 minimized;
- 1837
- 1838 B) The level of emissions from the affected emission units(s) was
- 1839 minimized by use of alternative raw materials or alternative control
- 1840 measures;
- 1841
- 1842 C) The duration of the excess emissions was minimized; and
- 1843
- 1844 D) The amount of VOM emissions from other emission units at the
- 1845 source or other sources located in the Chicago area owned or
- 1846 operated by the person or entity were reduced;
- 1847

1848 4) A demonstration that appropriate corrective action(s) were taken

1849 promptly;

1850 5) A demonstration that the affected emission units were:

1851 A) Being carefully and properly operated at the time of the

1852 emergency, including copies of appropriate records and other

1853 relevant evidence;

1854

1855 B) Properly designed; and

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1857 C) Properly maintained with appropriate preventative maintenance;

1858 and

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1860 6) An estimate of the amount of VOM emissions that occurred during the

1861 emergency in excess of the technology-based emission factor achieved

1862 during normal operating conditions, including supporting data, the

1863 relevant emissions factor, and calculations.

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1867 b) The owner or operator of any such source may supplement its initial emergency

1868 conditions report within 10 days after the conclusion of the emergency situation.

1869 If an initial emergency conditions report is not supplemented, such report is

1870 deemed the final emergency conditions report. If, however, an initial emergency

1871 conditions report is supplemented, the combination of such initial report plus the

1872 supplemental information is deemed the final emergency conditions report.

1873

1874 c) The Agency must approve, conditionally approve or reject the findings in the final

1875 emergency conditions report, submitted by the source, in writing within 45 days

1876 after receipt of the initial emergency conditions report, subject to the following:
1877

- 1878 1) If the Agency concurs with the emergency conditions report, the source is
1879 not required to hold ATUs for the excess VOM emissions attributable to
1880 the emergency;
1881
1882 2) If the Agency approves with conditions or rejects the emergency
1883 conditions report, the source shall be required to hold ATUs by the end of
1884 the reconciliation period in an amount not less than the emissions
1885 identified as excess in the emergency conditions report or provide
1886 emissions excursion compensation in accordance with Section 205.720 of
1887 this Subpart, if an emissions excursion occurred;
1888
1889 3) If the Agency approves with conditions an emergency conditions report,
1890 the Agency must identify in its written notice the amount of VOM
1891 emissions that are not attributable to an emergency; and
1892
1893 4) If the Agency approves with conditions or rejects a source's emergency
1894 conditions report, the source may raise the emergency as an affirmative
1895 defense pursuant to Section 39.5(7)(k) of the Act [415 ILCS 5/39.5(7)(k)]
1896 in any action brought for noncompliance with this Part or an action
1897 brought to review the Agency's issuance of an Excursion Compensation
1898 Notice, as provided in Section 205.720(d) of this Subpart.
1899
1900 d) Nothing in this Section relieves any source of any obligation to comply with other
1901 applicable requirements, permit conditions, or other provisions addressing
1902 emergency situations.
1903

1904 **Section 205.760 Market System Review Procedures**
1905

1906 Beginning in 2000, the Agency shall prepare an Annual Performance Review Report that
1907 addresses the effect of VOM emissions reductions in the Chicago area on progress toward
1908 meeting the RFP requirements and achieving attainment of the NAAQS for ozone by 2007.
1909

- 1910 a) The Annual Performance Review Report will review trends and patterns which
1911 may have emerged in the operation of the ERMS, and shall include, but not be
1912 limited to, the following:
1913
1914 1) Total aggregate VOM emissions during the previous seasonal allotment
1915 period;
1916
1917 2) The number of ATUs retired for compliance purposes or for air quality
1918 benefit, currently being banked, or used by new participating sources for

- 1919 the previous seasonal allotment period;
- 1920
- 1921 3) An evaluation of trading activities, including sources with no trading
- 1922 activity, sources that are net purchasers of ATUs and sources that are net
- 1923 sellers of ATUs;
- 1924
- 1925 4) ACMA transactions since the preparation of the previous report and the
- 1926 account balance;
- 1927
- 1928 5) A summary of emissions reduction generator and inter-sector proposals;
- 1929
- 1930 6) Distribution of transactions by geographic area or character of source;
- 1931
- 1932 7) Availability of ATUs for purchase;
- 1933
- 1934 8) The average market price for ATU transactions from the previous seasonal
- 1935 allotment period; and
- 1936
- 1937 9) Trends and spatial distributions of hazardous air pollutants.
- 1938
- 1939 b) The Agency shall prepare the Report by June 30 of the year following the
- 1940 seasonal allotment period addressed by the Report. The Agency will make copies
- 1941 of its Report available to interested parties upon request.

1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER b: ALTERNATIVE REDUCTION PROGRAMS
5

6 PART 207
7 VEHICLE SCRAPPAGE ACTIVITIES
8

9
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17 SUBPART B: APPLICABILITY
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43	207.404	Targeting of High Emissions Vehicles

44	207.406	Targeting of High Usage Vehicles
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53	207.504	CER Calculation Methodology
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56	207.510	Submission and Agency Review of CER Claims
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58		Activities
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61		SUPPLEMENTAL NOTICE PROCEDURE
62		
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67	207.606	Agency Review of Proposed Vehicle Scrappage Plans
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69	207.610	Supplemental Notices Under Pursuant to <u>Under Pursuant to</u> Approved Vehicle Scrappage Plans
70	207.612	Plans for Agency-Sponsored <u>Agency-Sponsored</u> Projects or Programs
71		
72		SUBPART G: VEHICLE SCRAPPAGE SPONSOR AND MANAGER
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74		
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77	207.702	Financial Responsibility of Vehicle Scrappage Sponsors
78		
79		SUBPART H: VEHICLE SCRAPPAGE PLAN FEES
80		
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82	207.800	Vehicle Scrappage Plan and Plan Renewal Fees
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SUBPART I: ENFORCEMENT AND PENALTIES

- Section
- 207.900 Enforcement
- 207.902 Agency Right of Inspection
- 207.904 Agency Right to Revoke Approval of Plan

AUTHORITY: Implementing and authorized by the Vehicle Emissions Inspection Law of 1995 [625 ILCS 5/13B-30(d)] and the Illinois Environmental Protection Act [415 ILCS 5/5, 10, 27, 28 and 39].

SOURCE: Adopted in R00-16 at 24 Ill. Reg. 8979, effective June 14, 2000; amended in R18-21 at 50 Ill. Reg. _____, effective _____.

SUBPART A: GENERAL PROVISIONS

Section 207.100 Purpose

- a) This Part ~~establishes~~sets forth the procedures and performance requirements ~~for~~to be followed when conducting vehicle scrappage activities within the State of Illinois ~~to receive for the purpose of receiving~~ Creditable Emissions Reductions (CERs).
- b) This Part ~~intends to~~is designed to achieve the following objectives:
 - 1) Provide an option for regulated sources and interested parties to achieve emissions reductions;
 - 2) Ensure compatibility with applicable guidance for vehicle scrappage activities developed by the United States Environmental Protection Agency (USEPA);
 - 3) Provide vehicle scrappage training to help ensure that vehicle scrappage activities conducted to generate CERs are ~~only~~ managed only by qualified individuals; and
 - 4) Strike an equitable balance among various parties that may be interested in vehicle scrappage, including regulated sources, potential sponsors of scrappage activities, owners of vehicles eligible to be scrapped, vehicle collectors, automotive rebuilders, and other interest groups.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 207.102 Definitions

Unless otherwise specified in this Part and unless a different meaning of a term is clear from its context, the definitions for the terms ~~used~~ in this Part ~~are~~ shall be the same as those ~~found~~ in the Environmental Protection Act [415 ILCS 5] or ~~in~~ 35 Ill. Adm. Code 211 or 240. As used in this Part, the following terms have the meanings ~~set forth~~ below:

- a) "Creditable Emissions Reductions" or "CER" means a unit of emissions reductions based on vehicle retirement activities ~~complying in accordance~~ with ~~an Agency approved~~ vehicle scrappage plan ~~approved by the Illinois Environmental Protection Agency (Agency)~~.
- b) "Eligible vehicle" means any vehicle that qualifies for retirement in a vehicle scrappage project or program ~~under as specified in~~ Section 207.304 ~~of this Part~~.
- c) "Emissions-related parts" means the engine and other vehicle parts involved with fuel intake, combustion, exhaust, or ~~controlling the control of the~~ evaporation of fuel, which have a direct relation to the type or quantity of emissions produced by the vehicle.
- d) "IM240 Test" means a transient loaded mode exhaust test procedure, ~~under as specified in~~ 35 Ill. Adm. Code 276, designed to measure mass quantities of vehicle exhaust emissions of hydrocarbons, carbon monoxide, carbon dioxide, and ~~oxides of~~ nitrogen ~~oxides~~ generated during vehicle operation on a chassis dynamometer.
- e) "Light-duty truck 1" means a motor vehicle rated at ~~6,000~~6000 pounds maximum gross vehicle weight rate (GVWR) or less ~~with and which has~~ a vehicle frontal area of 45 square feet or less, and which is:
 - 1) ~~Designed~~designed primarily ~~to transport for purposes of transportation of~~ property or ~~derives from is a derivation of~~ such a vehicle; ~~or is~~
 - 2) ~~Designed~~designed primarily ~~to transport for transportation of~~ persons and has a capacity of more than 12 persons; ~~or is~~
 - 3) ~~Available~~available with special features enabling off-street or off-highway operation and use.
- f) "Light-duty truck 2" means a motor vehicle rated between ~~6,001~~6001 and ~~8,500~~8500 pounds maximum GVWR ~~with and which has~~ a vehicle frontal area of 45 square feet or less, and which is:

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- 1) ~~Designed~~designed primarily ~~to transport for purposes of transportation of~~ property or ~~derives from is a derivation of~~ such a vehicle; ~~or is~~
 - 2) ~~Designed~~designed primarily ~~to transport for transportation of~~ persons and has a capacity of more than 12 persons; ~~or is~~
 - 3) ~~Available~~available with special features enabling off-street or off-highway operation and use.
- g) "Light-duty vehicle" means a passenger car or passenger car derivative capable of seating ~~12~~twelve passengers or fewer.
- h) "Non-emissions-related parts" means vehicle parts not involved with fuel intake, combustion, ~~or~~ exhaust, or ~~controlling the control of~~ evaporation of fuel, and which do not have a direct relation to the type or quantity of emissions produced by the vehicle.
- i) "Recognized repair technician" means a person who:
- 1) ~~Is~~professionally engaged in vehicle repair; ~~or~~
 - 2) ~~Is~~ employed by a going concern whose purpose is ~~repairing the repair of~~ vehicles; ~~or~~
 - 3) ~~Possesses~~possessing a ~~nationally-recognized~~nationally recognized certification for emissions-related diagnosis and repair.
- j) "Vehicle retirement" means ~~the permanent rendering of~~ an eligible vehicle into a permanently~~an~~ inoperable condition, in ~~compliance~~accordance with this Part and a vehicle scrapage plan.
- k) "Vehicle scrapage" means activities related to ~~retiring the retirement of~~ eligible vehicles ~~to receive for the purpose of receiving~~ CERs under this Part.
- l) "Vehicle scrapage manager" means a natural person who satisfies all qualification requirements ~~specified in Section 207.700 of this Part~~ and is eligible to conduct vehicle scrapage activities ~~under pursuant to~~ this Part.
- m) "Vehicle scrapage plan" means ~~a type of plan~~ satisfying that satisfies all applicable requirements of Subpart F ~~of this Part~~, and ~~has been~~ approved or sponsored by the Agency, under which the vehicle scrapage activities for the applicable vehicle scrapage project or program must be conducted.

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- n) "Vehicle scrappage program" means periodic or ongoing vehicle scrappage activities conducted in ~~compliance~~ ~~accordance~~ with the applicable requirements of this Part and a vehicle scrappage plan.
- o) "Vehicle scrappage project" means a one-time vehicle scrappage event conducted in ~~compliance~~ ~~accordance~~ with the applicable requirements of this Part and a vehicle scrappage plan.
- p) "Vehicle scrappage sponsor" means any interested person or entity that satisfies all ~~of~~ the requirements of Section 207.702 ~~of this Part~~ and financially underwrites a vehicle scrappage project or program conducted under this Part.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 207.104 Severability

If any Section, subsection, sentence, or clause of this Part is judged invalid, ~~that such~~ adjudication ~~does not~~ affect the validity of this Part as a whole or any Section, subsection, sentence, or clause ~~thereof~~ not judged invalid.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART B: APPLICABILITY

Section 207.200 Applicability

This Part applies to vehicle scrappage activities ~~conducted~~ in the State of Illinois ~~conducted~~ to receive CERs and to all persons or entities that are, or desire to be, vehicle scrappage managers, sponsors, or other participants.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART C: REQUIREMENTS OF VEHICLE
SCRAPPAGE PROJECTS AND PROGRAMS

Section 207.300 Scope

Each vehicle scrappage project or program conducted ~~under~~ ~~pursuant to the provisions of~~ this Part must satisfy ~~all of~~ the requirements ~~specified~~ in this Subpart.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

259 **Section 207.302 Vehicle Scrapage Sponsors and Managers**
 260

261 Each vehicle scrapage project or program ~~must~~shall be financially underwritten by a vehicle
 262 scrapage sponsor ~~satisfying who satisfies all of~~ the requirements of Section 207.702 ~~of this Part,~~
 263 and ~~must~~shall be directed by a vehicle scrapage manager ~~satisfying who satisfies all of~~ the
 264 requirements of Section 207.700 ~~of this Part.~~
 265

266 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 267

268 **Section 207.304 Vehicle Eligibility**
 269

270 Each vehicle that is retired in a vehicle scrapage project or program ~~must~~shall satisfy the
 271 following criteria:
 272

- 273 a) Be a light-duty vehicle, light-duty truck 1, or light-duty truck 2;
- 274
- 275 b) ~~Not~~shall not be from a model year 25 years old or older;
- 276
- 277 c) Have been continuously registered with the Illinois Secretary of State for the 12-
 278 month~~12-month~~ period immediately ~~before~~prior to the date of its sale for use in a
 279 vehicle scrapage project or program;
- 280
- 281 d) If the vehicle will be used to claim CERs ~~that are~~ intended to address a specific
 282 pollution problem (e.g., ozone nonattainment), the vehicle must have been
 283 registered at an address within an area where emissions reductions are required
 284 for the applicable pollutant or pollutant precursor for the 12-month~~12-month~~
 285 period immediately ~~before~~prior to the date of its sale for use in a vehicle
 286 scrapage project or program;
- 287
- 288 e) Be legally driven to the collection site and have the applicable equipment required
 289 to drive the vehicle on any highway ~~under as specified in~~ Chapter 12 of the Illinois
 290 Vehicle Code [625 ILCS 5/12];
- 291
- 292 f) Be powered by a spark ignition internal combustion engine;
- 293
- 294 g) Have arrived at the place of sale under its own power;
- 295
- 296 h) Have passed the operability check ~~specified~~ in Section 207.312 ~~of this Subpart;~~
 297 and
- 298
- 299 i) ~~Comply~~Be in compliance with the Illinois vehicle emissions testing program
 300 ~~under as specified by~~ the Illinois Vehicle Emissions Inspection Law of 2005~~1995~~
 301 [625 ILCS 5/13C~~5/13B~~] and regulations promulgated ~~under it~~thereunder.

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 207.306 Vehicle Ownership

- a) Each vehicle retired ~~underpursuant to~~ a vehicle scrappage project or program must have a valid, legally transferable title.
- b) An owner listed on the title, a legal representative of the owner or owners, or, if the owner is an entity, an agent of the entity must appear at the collection site with the vehicle at the time of its sale to a vehicle scrappage project or program.
- c) It ~~is~~shall be the responsibility of the vehicle scrappage sponsor or manager to provide the Illinois Secretary of State with all vehicle transfer records necessary to document the proper transfer and retirement of vehicles that are scrapped. The Agency assumes no responsibility for documentation or legality of transfer of vehicle titles.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 207.308 Notification of Intent to Retire Vehicles

- a) If the vehicle scrappage plan targets certain vehicles ~~under, as provided in~~ Subpart D ~~of this Part~~, the vehicle scrappage manager or sponsor may request that the Agency provide notice of the applicable vehicle scrappage activities to owners of vehicles that meet the specifications in the plan. This notice will provide information to allow the vehicle owners to contact the relevant vehicle scrappage sponsor or manager for more information about the proposed vehicle scrappage activities.
- b) If a vehicle scrappage manager or sponsor does not request ~~that~~ the Agency ~~to~~ provide notification ~~underas provided in~~ subsection (a) ~~of this Section~~, the vehicle scrappage sponsor or manager must notify owners of vehicles that are prospective candidates for retirement of the proposed vehicle scrappage activities. Notification may be provided by general public notification methods.
- c) Any notification provided to vehicle owners by vehicle scrappage sponsors or managers must convey, at a minimum, ~~convey~~ the following ~~information~~:
 - 1) That participation in the program or project is strictly voluntary;
 - 2) The name and address of the vehicle scrappage sponsor or manager;

- 345 3) All conditions that the vehicle owner and the vehicle itself must satisfy ~~in~~
 346 ~~order~~ to participate in the ~~vehicle scrappage~~ project or program;
- 347
- 348 4) The amount of money ~~that is being~~ offered to the owner by the vehicle
 349 scrappage sponsor or manager for the purchase of the owner's vehicle if all
 350 conditions of vehicle eligibility are met;
- 351
- 352 5) That ~~identifying the identification of~~ the owner's vehicle as a candidate for
 353 retirement does not ~~allege constitute an allegation of~~ any environmental or
 354 other violation by that owner; and
- 355
- 356 6) A clear statement that the notice is ~~being~~ provided by that sponsor or
 357 manager, not by the Agency or by any other governmental entity, unless
 358 the Agency is the vehicle scrappage sponsor.
- 359

360 (Source: Amended at 50 Ill. Reg. _____, effective _____)

361
 362 **Section 207.310 Notification to Vehicle Collectors and Automotive Rebuilders and**
 363 **Suppliers**

- 364
- 365 a) The Agency will make available to vehicle scrappage sponsors or managers a list
 366 of recognized vehicle collector associations and persons normally engaged in
 367 either the business of rebuilding vehicle parts or supplying ~~such~~ parts to rebuilders
 368 that may be interested in purchasing vehicles collected under projects and
 369 programs. ~~To be included in the list, recognized~~ ~~Recognized~~ vehicle collector
 370 associations and persons normally engaged in either the business of rebuilding
 371 vehicle parts or supplying ~~such~~ parts to rebuilders must submit a written request
 372 to the Agency ~~for inclusion on the list.~~
- 373
- 374 b) Vehicle scrappage sponsors or managers ~~must~~ ~~shall~~ provide notification of the
 375 availability of vehicles to be retired by either posting notice on the Internet or
 376 providing written notice ~~to the~~ persons or entities identified by the Agency on the
 377 list ~~specified~~ in subsection (a) ~~of this Section.~~ Vehicles may not be retired until
 378 21 days after the notification required by this subsection is provided.
- 379
- 380 c) A vehicle scrappage manager or sponsor may ~~use~~ ~~utilize~~ Agency capabilities to
 381 provide the notification required under this Section on the Internet.
- 382
- 383 d) Vehicle scrappage sponsors and managers may sell vehicles to interested persons
 384 ~~instead in lieu~~ of retiring the vehicle for CERs. Vehicle scrappage managers and
 385 sponsors remain eligible for CERs if non-emissions-related parts are sold to
 386 interested persons or emissions-related parts are sold to either vehicle collectors
 387 or persons normally engaged in either the business of rebuilding vehicle parts or

388 supplying ~~such~~ parts to rebuilders, ~~if provided that~~ disassembly of emissions-
 389 related parts has been performed ~~underas specified in~~ Section 207.316(e) ~~of this~~
 390 ~~Subpart~~. If a vehicle or emissions-related parts from a vehicle are resold without
 391 disassembly ~~underas specified in~~ Section 207.316(e) ~~of this Subpart~~, CERs may
 392 not be claimed for the vehicle.
 393

394 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 395

396 **Section 207.312 Operability Check**
 397

398 Each vehicle ~~that is~~ to be retired ~~underpursuant to~~ this Part ~~mustshall~~ pass an operability check
 399 ~~beforeprior to~~ purchase and collection. The operability check ~~mustshall~~ include, at a minimum:
 400

- 401 a) ~~Starting up~~Start-up of the vehicle;
- 402 b) ~~Test-driving~~Test drive of the vehicle for five or more feet in forward gear;
- 403 c) ~~Test-driving~~Test drive of the vehicle for five or more feet in reverse gear;
- 404 d) ~~Shutting off~~Shut-off of the vehicle; and
- 405 e) Visual inspection for fluid leakage or any malfunction or other damage that would
 406 render the vehicle unsuitable for normal operation.
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412 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 413

414 **Section 207.314 Collection and Testing**
 415

- 416 a) Each vehicle ~~that is~~ purchased and collected by a vehicle scrappage sponsor or
 417 manager ~~mustshall~~ be photographed at the collection site, ~~along~~ with all owners or
 418 representatives or agents of the owners of the vehicle that are present. Each
 419 vehicle ~~mustshall~~ also be marked with a unique identification number ~~that is~~
 420 visible in the photograph.
 421
- 422 b) After ~~a vehicle arrives~~arrival at the collection site, a vehicle scrappage sponsor or
 423 manager ~~mustshall~~ take adequate measures to ensure that a vehicle ~~that is~~ to be
 424 retired is not adjusted, repaired, or tampered with in any way until any testing has
 425 been completed. If non-emissions-related parts are no longer in operable
 426 condition after the vehicle is collected and passes the operability requirements in
 427 Section 207.312 ~~of this Subpart~~, repairs ~~to parts, such as batteries and tires,~~ may
 428 be made if needed to allow testing ~~(e.g., batteries, tires)~~. No parts may be
 429 removed from any vehicle ~~before completing prior to the completion of~~ any
 430 testing.

- 431
- 432 c) The mileage indicated on the odometer must be recorded at the time of collection.
- 433
- 434 d) If vehicles to be retired must undergo emissions testing ~~underpursuant to~~ the
- 435 applicable vehicle scrappage plan and are not tested within 45 calendar days after
- 436 collection of the vehicle, any CERs claimed which are attributable to that vehicle
- 437 will be discounted by ~~10%ten percent~~. If emissions testing is not conducted
- 438 within 90 calendar days after collection of vehicles, vehicle scrappage managers
- 439 and sponsors will be able to claim CERs based only on ~~the basis of~~ modeled
- 440 emissions.
- 441
- 442 e) ~~In lieu~~ Instead of performing emissions testing on a vehicle, vehicle scrappage
- 443 managers and sponsors may use the most recent emissions test results for that
- 444 vehicle from an ~~Agency-administered~~ Agency administered IM240 Test conducted
- 445 under the Illinois vehicle emissions test program ~~underestablished and operated~~
- 446 pursuant to the Vehicle Emissions Inspection Law of ~~20051995~~ [625 ILCS
- 447 ~~5/13C5/13B~~], ~~if the provided that such~~ test was performed no more than 90
- 448 calendar days before collection of the vehicle.
- 449

450 (Source: Amended at 50 Ill. Reg. _____, effective _____)

451

452 **Section 207.316 Disassembly, Recycling, and Disposal Based on Vehicle Scrappage**

453 **Activities**

454

- 455 a) All vehicles for which CERs are claimed ~~mustshall~~ be crushed or otherwise
- 456 recycled or ultimately disposed of in ~~complianceaceordance~~ with this Section, the
- 457 applicable vehicle scrappage plan, and the schedule ~~specified~~ in that plan.
- 458
- 459 b) Any residual materials or wastes ~~that are~~ derived from permanently retiringthe
- 460 ~~permanent retirement of~~ vehicles, including all fluids, gases, and environmentally
- 461 sensitive materials, ~~mustshall~~ be recycled or disposed of in an environmentally
- 462 sound manner, in conformity with the applicable vehicle scrappage plan, and in
- 463 complianceaceordance with all federal and State laws and regulations.
- 464
- 465 c) Used tires derived from permanently retiringthe permanent retirement of vehicles
- 466 ~~mustshall~~ be recycled or ultimately disposed of in complianceaceordance with
- 467 Title XIV of the Environmental Protection Act [415 ILCS 5/53-55.15] and
- 468 regulations promulgated under itthereunder.
- 469
- 470 d) Non-emissions-related parts may be resold or recycled.
- 471
- 472 e) Vehicle scrappage managers, sponsors, and scrap yards identified in vehicle
- 473 scrappage plans may resell or recycle emissions-related parts (including engines)

to vehicle collectors or to persons normally engaged in either the business of rebuilding vehicle parts or ~~normally engaged in~~ supplying ~~such~~ parts to rebuilders, ~~if provided~~ the following requirements are met:

- 1) The engine ~~is must be~~ disassembled into the cylinder head, block, crankshaft, and connecting rods; and
 - 2) All other emissions-related parts ~~are must be~~ disassembled into their major components.
- f) Any recycling of emissions-related or non-emissions-related parts ~~must shall~~ be conducted in ~~compliance conformity~~ with a vehicle scrappage plan expressly providing for appropriate disassembly, rebuilding or reconditioning, if applicable, and sale.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 207.318 Documentation Requirements

- a) Each vehicle scrappage sponsor or manager ~~must shall~~ maintain records for at least five years of all vehicle scrappage activities conducted ~~under as specified in~~ the applicable vehicle scrappage plan, including ~~the following information:~~
 - 1) Identification of eligible vehicles accepted in the vehicle scrappage project or program, including the vehicle identification number and documentation indicating that these vehicles meet the eligibility criteria ~~specified in Section 207.304 of this Subpart;~~
 - 2) Documentation to verify vehicle ownership and appropriate transfer of ownership for all eligible vehicles, as specified in Section 207.306 ~~of this Subpart;~~
 - 3) Photographic documentation ~~of relative to~~ vehicle collection activities, as specified in Section 207.314(a) ~~of this Subpart;~~
 - 4) Records verifying mileage for each vehicle, as specified in Section 207.314(c);
 - 5) Documentation of all vehicle testing performed in ~~compliance accordance~~ with the applicable vehicle scrappage plan and ~~Sections Section~~ 207.314 ~~of this Subpart~~ and ~~Section 207.502 of this Part;~~
 - 6) All records and supporting documentation related to any calculations of

- 517 emissions that are performed;
- 518
- 519 7) Documentation of all vehicle disassembly, recycling, and disposal
- 520 activities ~~under, as specified in~~ Section 207.316 ~~of this Subpart~~, including
- 521 any waste disposal manifests or receipts obtained from scrap yards,
- 522 recyclers, or disposal facilities ~~documenting evidence of~~ recycling or
- 523 disposal of all residual materials and wastes derived from vehicle
- 524 scrappage;
- 525
- 526 8) If emissions-related parts are resold or recycled, documentation
- 527 demonstrating that appropriate disassembly has occurred ~~under, as~~
- 528 ~~specified in~~ Section 207.316(e) ~~of this Subpart~~; and
- 529
- 530 9) Documentation supporting the use of any enhanced vehicle scrappage
- 531 options such as the options ~~described~~ in Subpart D.
- 532
- 533 b) Vehicle scrappage sponsors or managers ~~must~~ shall:
- 534
- 535 1) Maintain all records required under this Part at one location within
- 536 Illinois;
- 537
- 538 2) Maintain a copy of the applicable vehicle scrappage plan at the site of
- 539 each vehicle scrappage activity;
- 540
- 541 3) Make a copy of all documentation required to be maintained
- 542 ~~under pursuant to~~ this Part available to Agency representatives for
- 543 inspection upon request; and
- 544
- 545 4) Submit to the Agency a copy of any of the documentation required to be
- 546 maintained ~~under pursuant to~~ this Part, upon request by the Agency.
- 547

548 (Source: Amended at 50 Ill. Reg. _____, effective _____)

549

550 SUBPART D: OPTIONS FOR VEHICLE

551 SCRAPPAGE PROJECTS AND PROGRAMS

552

553 **Section 207.400 Optional Project or Program Enhancements**

554

555 Vehicle scrappage sponsors and managers proposing to conduct vehicle scrappage projects or

556 programs may include options in proposed plans that exceed the requirements of Subpart C ~~of~~

557 ~~this Part~~. The options ~~contained~~ in this Subpart are examples ~~of possible options~~. Vehicle

558 scrappage sponsors and managers of proposed vehicle scrappage programs or projects ~~must~~ shall

559 identify any options in their proposed vehicle scrappage plans and ~~must~~ shall specify the rationale

560 and any supporting information which would indicate that the proposed options will generate
561 greater emissions reductions or more reliable documentation of any claimed CERs.

562
563 (Source: Amended at 50 Ill. Reg. _____, effective _____)

564
565 **Section 207.404 Targeting of High Emissions Vehicles**

566
567 Vehicle scrappage plans may include only eligible vehicles with demonstrated high emissions. A
568 certificate of waiver under 35 Ill. Adm. Code 276.403 or test results ~~under, pursuant to~~ the
569 vehicle inspection and maintenance program ~~administered~~ under the Vehicle Inspection Law of
570 ~~2005/1995~~ [625 ILCS ~~5/13C5/13B~~]; may demonstrate that a vehicle has high emissions.

571
572 (Source: Amended at 50 Ill. Reg. _____, effective _____)

573
574 **Section 207.408 Use of Enhanced Prescreening Inspection**

575
576 Vehicle scrappage plans may include operability inspections of vehicles which are to be retired
577 ~~but do not meet beyond~~ the operability requirements ~~specified~~ in Section 207.312, ~~of this Part~~
578 with the intent ~~to determine of determining~~ the probable recent use patterns of a vehicle and the
579 remaining useful life of that vehicle. ~~These~~ ~~Such~~ inspections ~~must shall~~ be conducted and
580 certified by a recognized repair technician, as defined in Section 207.102 ~~of this Part~~.

581
582 (Source: Amended at 50 Ill. Reg. _____, effective _____)

583
584 **Section 207.410 Use of Evaporative System Integrity Test**

585
586 Vehicle scrappage plans may include an evaporative system integrity test to determine the ability
587 of each vehicle's system to recycle vapors. The results of these tests may be used to characterize
588 the functional status of the vehicle's evaporative control system for use as an input to USEPA's
589 MOBILE model. If the applicable vehicle scrappage plan is for a vehicle scrappage project, the
590 evaporative system integrity test administered at an official vehicle emissions test station of the
591 Agency ~~under pursuant to~~ 625 ILCS 5/~~13C13B-10~~ must be used to measure evaporative
592 emissions. Vehicle scrappage plans for programs may specify the use of the evaporative system
593 test administered at an official test station of the Agency or ~~the use of~~ another test.

594
595 (Source: Amended at 50 Ill. Reg. _____, effective _____)

596
597 **SUBPART E: MEASUREMENT TECHNIQUES AND**
598 **CER CALCULATION AND REVIEW**

599
600 **Section 207.500 Vehicle Scrappage as a Basis for CERs**

601
602 Vehicle scrappage sponsors and managers may receive CERs for emissions reductions achieved

603 based on vehicle scrappage activities conducted ~~underpursuant to~~ this Part in
 604 ~~complianceaccordance~~ with the requirements ~~ofspecified in~~ this Subpart. CERs may be used in
 605 conjunction with an emissions reduction program or as new source review offsets under 35 Ill.
 606 Adm. Code 203, to the extent that ~~recognizing or using~~~~the recognition or use of~~ CERs is allowed
 607 under and fulfills the requirements of the applicable rule.

608
 609 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 610

611 **Section 207.502 Methods for Determining Emissions Reductions**
 612

- 613 a) Emission rates from both retired and replacement vehicles must be either
 614 measured (measure/measure method), modeled (model/model method), or a
 615 combination of measurement and modeling (measure/model method). The
 616 vehicle scrappage sponsor or manager ~~mustshall~~ propose the ~~techniques for~~
 617 ~~measuring or measurement and/or~~ modeling ~~or bothtechniques~~ to be used in the
 618 applicable vehicle scrappage plan.
- 619
- 620 b) Modeled emission rates for retired and replacement vehicles must be calculated
 621 using the USEPA MOBILE model, ~~as applied in~~ ~~complianceaccordance~~ with
 622 USEPA guidance for MOBILE model use for vehicle scrappage activities.
- 623
- 624 c) The IM240 Test ~~mustshall~~ be used for any measured ~~volatile organic~~
 625 ~~materialVOM~~ emission rate determinations.
- 626
- 627 d) The remaining useful life of retired vehicles is limited to three years.
- 628

629 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 630

631 **Section 207.504 CER Calculation Methodology**
 632

- 633 a) Except ~~underas provided in~~ subsection (b) ~~of this Section~~, the following formula
 634 ~~mustshall~~ be used to calculate proposed CERs:

$$CER = \sum ([(a)(b)(c)] - [(d)(e)(c)] (1 - (f/100)) / (1000)$$

Where:

- 635 a ~~Representsrepresents~~ the retired vehicle emissions in grams/mile
- 636 b ~~Representsrepresents~~ miles per year traveled by the retired vehicle based on
 637 recent usage, as established in ~~complianceaccordance~~ with Section
 207.510(a)(2)(B)
- 638 c ~~Representsrepresents~~ remaining life of the retired vehicle in years

- d ~~Represents~~represents the replacement vehicle emissions in grams/mile
- e ~~Represents~~represents miles per year traveled by the replacement vehicle (which ~~must~~shall be equal to or greater than "b", unless demonstrated otherwise in a vehicle scrappage plan)
- f ~~Represents~~represents the environmental discount factor that must be applied ~~under, pursuant to~~ Section 207.506 ~~of this Subpart~~, if applicable.

CER ~~Represents~~represents a creditable emissions reduction unit in kilograms.

- b) Vehicle scrappage sponsors and managers may request Agency approval to deviate from the general formula in subsection (a) ~~of this Section~~ to calculate CERs in their proposed vehicle scrappage plan. This request must demonstrate that the deviation if necessary based on elements of the proposed vehicle scrappage project or program.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 207.506 CER Adjustments

- a) If the vehicle scrappage plan provides that the emissions of both retired and replacement vehicles are to be modeled (model/model method), the total value of CERs claimed ~~will~~shall be:
 - 1) Reduced by ~~20% percent~~ to account for the natural retirement of vehicles; and
 - 2) Discounted by an additional ~~5% percent~~.
- b) If the vehicle scrappage plan provides that emissions of vehicles to be retired are to be measured and emissions of replacement vehicles are to be modeled (measure/model method), the total value of CERs claimed ~~will~~shall be reduced by ~~10% percent~~ to account for the natural retirement of vehicles, unless enhanced prescreening inspection is conducted ~~under, as provided in~~ Section 207.408 ~~of this Part~~. If enhanced prescreening is conducted, no reduction to CERs claimed ~~will~~shall be assessed, except ~~under as provided in~~ Section 207.314(d) ~~of this Part~~.
- c) Except ~~under as provided in~~ Section 207.314(d) ~~of this Part~~, if the vehicle scrappage plan provides that emissions of both retired and replacement vehicles are to be measured (measure/measure method), no reduction to the value of CERs claimed ~~will~~shall be assessed.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 207.508 Remaining Useful Life of Vehicles and Lifetime of CERs

- a) If emissions from retired vehicles are modeled, the remaining useful life of retired vehicles ~~will~~ **shall** be three years.
- b) If emissions from retired vehicles are measured, the remaining useful life of retired vehicles ~~will~~ **shall** be a minimum of two years. Vehicle scrappage sponsors and managers may demonstrate to the Agency that a remaining useful life of more than two years should apply to CERs generated using a measure/model or a measure/measure method. To make this demonstration, the vehicle scrappage sponsor or manager ~~must~~ **shall** provide the Agency with sufficient information to substantiate that a greater remaining useful life of retired vehicles is justified.
- c) CERs are valid for the same period as the remaining useful life of the retired vehicle as specified in this Section.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 207.510 Submission and Agency Review of CER Claims

- a) Except ~~underas provided in~~ Section 207.512 ~~of this Subpart~~, a vehicle scrappage sponsor or manager must submit a CER claim to the Agency for review within 120 days ~~after completing of completion of~~ vehicle collection for vehicle scrappage projects or quarterly for a vehicle scrappage program. The following information must be included in each CER claim, in addition to any information required in the applicable vehicle scrappage plan:
 - 1) The amount of CERs claimed to have been generated by vehicle retirement; and
 - 2) Sufficient calculations and supporting documentation to substantiate ~~thesueh~~ **such** claim, including:
 - A) Identification (i.e., make, model year, and vehicle identification number) of retired vehicles upon which the claim is based;
 - B) Estimates of recent mileage for each retired vehicle based on data recorded in the most recent two years or on established mileage estimation methods;
 - C) Mileage for each replacement vehicle, which may not be less than

- 703 the mileage estimated for the retired vehicle unless demonstrated
 704 otherwise in a vehicle scrappage plan;
 705
 706 D) The method used to determine emissions from each retired and
 707 replacement vehicle;
 708
 709 E) The method used to identify replacement vehicles;
 710
 711 F) Any discounting of CERs required by this Part; and
 712
 713 G) A log identifying for each returned vehicle whether enhanced
 714 options or disassembly and recycling were used.
 715
 716 b) CERs may not be claimed for a vehicle until it has been acquired and retired by
 717 the vehicle scrappage sponsor or manager.
 718
 719 c) CERs may be claimed on a lump sum basis for the total aggregate emissions
 720 reduction over the remaining useful life of the retired ~~vehicle or~~
 721 ~~vehicles~~ ~~vehicle(s)~~, or allocated on an annual basis over the remaining useful life,
 722 not to exceed the total aggregate emissions reduction.
 723
 724 d) Except for ~~Agency-sponsored~~ ~~Agency-sponsored~~ projects or programs, a vehicle
 725 scrappage manager, vehicle scrappage sponsor, or, if the vehicle scrappage
 726 sponsor is an entity, the responsible official of the entity submitting a CER claim
 727 for Agency review ~~underpursuant to~~ this Subpart ~~mustshall~~ make the following
 728 statement as part of the claim:
 729
 730 I certify that the information submitted in this CER claim is, to the best of
 731 my knowledge and belief, true, accurate, and complete. I am aware that I
 732 may be subject to enforcement ~~underpursuant to~~ the Environmental
 733 Protection Act if any information submitted in this CER claim is
 734 determined to be false or misleading.
 735
 736 e) Except ~~underas provided in~~ Section 207.512 ~~of this Subpart~~, the Agency ~~mustwill~~
 737 review each CER claim submitted and ~~mustwill~~ issue its written determination
 738 ~~ofregarding~~ how many CERs have been generated, if any, within 45 calendar days
 739 after the ~~Agency receives~~ ~~Agency's receipt of~~ a complete claim. CERs are not
 740 valid until the Agency ~~completeshas completed~~ its CER determination and
 741 ~~notifiesnotified~~ the vehicle scrappage sponsor or manager in writing of its
 742 determination ~~of the amount of CERs generated~~.

744 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 745

746 **Section 207.512 CERs Based on ~~Agency-Sponsored~~ Agency-Sponsored Vehicle Scrappage**
747 **Activities**

748
749 If the Agency generates CERs based on vehicle scrappage activities it has sponsored, it ~~must~~shall
750 develop and maintain documentation to substantiate the CERs generated, including the
751 information ~~specified~~ in Section 207.510(a)(2) ~~of this Subpart~~.

752
753 (Source: Amended at 50 Ill. Reg. _____, effective _____)

754
755 SUBPART F: VEHICLE SCRAPPAGE PLAN CRITERIA,
756 SUBMITTAL, REVIEW AND SUPPLEMENTAL NOTICE PROCEDURE

757
758 **Section 207.600 Proposed Vehicle Scrappage Plans**

759
760 ~~A~~No vehicle scrappage project or program ~~must not~~may be conducted within Illinois
761 ~~under~~pursuant to this Part without Agency approval or sponsorship of a vehicle scrappage plan
762 ~~covering~~designed to cover that specific vehicle scrappage project or program.

763
764 (Source: Amended at 50 Ill. Reg. _____, effective _____)

765
766 **Section 207.602 Submittal of Proposed Vehicle Scrappage Plans**

- 767
768 a) A vehicle scrappage sponsor or manager may submit a proposed vehicle
769 scrappage plan to the Agency. Each proposed vehicle scrappage plan ~~must~~
770 ~~includes~~shall, at a minimum, ~~include~~:
- 771
772 1) The name and address of the vehicle scrappage sponsor and manager that
773 will be responsible for the vehicle scrappage project or program;
 - 774
775 2) Proof that the vehicle scrappage sponsor identified in the plan meets the
776 financial responsibility requirements of Section 207.702 ~~of this Part~~;
 - 777
778 3) Proof that the vehicle scrappage manager has fulfilled the applicable
779 requirements in Section 207.700 ~~of this Part~~;
 - 780
781 4) The estimated number of vehicles to be retired during the ~~course of the~~
782 proposed project or program;
 - 783
784 5) The locations ~~to be used~~ for all proposed vehicle scrappage activities;
 - 785
786 6) The name and address of any person or entity ~~performing~~to be used to
787 ~~perform~~ any of the proposed activities, including, ~~but not limited to~~, any
788 scrap yard ~~or~~, recycling or disposal facility ~~proposed to be used~~;

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- 7) A schedule identifying ~~planned~~key dates of the proposed project or program, including ~~notifying the planned dates for: notification to~~ owners of vehicles; ~~purchasing~~purchase of vehicles; ~~measuring~~measurement of emissions, if any; ~~retiring~~retirement of vehicles; and ~~completing~~completion of the project or program;
 - 8) Method ~~to notify of notification to~~ owners of vehicles that are candidates to sell their vehicles in ~~compliance~~accordance with Section 207.308 ~~of this Part~~;
 - 9) Procedures ~~to be used~~ for collection and testing, if any, of vehicles to be retired in ~~compliance~~accordance with Section 207.314 ~~of this Part~~;
 - 10) Procedures, if any, for disassembly, rebuilding, or reconditioning, and resale of vehicle parts to eligible persons, in ~~compliance~~accordance with Section 207.316 ~~of this Part~~;
 - 11) Procedures ~~to recycle for recycling~~ or ~~disposed~~disposal of all residual materials and wastes generated from the permanent retirement of vehicles, in ~~compliance~~accordance with Section 207.316(b) ~~of this Part~~;
 - 12) Method ~~to determine of determining~~ what replacement vehicles are obtained by owners whose vehicles have been retired;
 - 13) Method ~~to measure for measuring~~ or ~~model~~modeling emissions of applicable pollutants for vehicles purchased for retirement and for replacement vehicles, in ~~compliance~~accordance with Section 207.502 ~~of this Part~~;
 - 14) Method ~~to calculate for calculation of~~ any CERs that may be generated by the project or program, in ~~compliance~~accordance with Section 207.504 ~~of this Part~~;
 - 15) If the vehicle scrappage plan is for a vehicle scrappage program, ~~identifying identification of~~ any options ~~that will be used~~ to generate greater emissions reductions or produce more reliable documentation ~~under, as provided in~~ Subpart D ~~of this Part~~, and sufficient justification that the options proposed will achieve these objectives. ~~If the plan proposes~~ Additionally, if the use of enhanced prescreening inspection ~~under is proposed, as specified in~~ Section 207.408 ~~of this Part, it must identify~~ the recognized repair technician ~~who will be used must be identified~~ and include information verifying that the technician qualifies as

- 832 a recognized repair technician ~~must be included~~;
- 833
- 834 16) If the vehicle scrappage plan is for a vehicle scrappage project, the vehicle
- 835 sponsor or manager is not required to obtain prior approval from the
- 836 Agency ~~to for its use of the~~ options ~~described~~ in Subpart D ~~of this Part~~, but
- 837 must maintain documentation to support its use of ~~thesueh~~ options.
- 838
- 839 b) In addition to the information ~~specified~~ in subsection (a) ~~of this Section~~, the
- 840 Agency may request additional information from the vehicle scrappage sponsor or
- 841 manager ~~as needed~~ to determine ~~whether~~ if the vehicle scrappage plan meets the
- 842 requirements of this Part.
- 843
- 844 c) Each vehicle scrappage manager and sponsor, or, if the vehicle scrappage sponsor
- 845 is an entity, a responsible official of the entity, submitting a proposed plan for
- 846 Agency approval ~~must~~ shall make the following statement as part of the
- 847 submission to the Agency:
- 848

849 I certify that the information submitted in this proposed vehicle scrappage

850 plan is, to the best of my knowledge and belief, true, accurate, and

851 complete, based on reasonable inquiry. I am aware that I may be subject

852 to enforcement under the Environmental Protection Act and may be

853 disqualified from conducting or sponsoring scrappage projects or

854 programs in the State of Illinois ~~under, pursuant to~~ 35 Ill. Adm. Code Part

855 207, if any information submitted in this proposed vehicle scrappage plan

856 is determined to be false or misleading.

857

858 (Source: Amended at 50 Ill. Reg. _____, effective _____)

859

860 **Section 207.604 Notice of Proposed Vehicle Scrappage Plans**

861

- 862 a) Within 14 days after submitting a vehicle scrappage plan to the Agency, the
- 863 vehicle scrappage manager or sponsor that submitted the plan ~~must~~ shall cause, at
- 864 its own expense, the publication of notice by advertisement in a newspaper of
- 865 general circulation in the area where the collection site for vehicles to be retired is
- 866 located. ~~If or, if~~ the vehicle scrappage sponsor is a source, the notice ~~must~~ shall be
- 867 in a newspaper of general circulation in the area the source is located.
- 868
- 869 b) The notice ~~must~~ shall be titled "Notice of Proposed Vehicle Scrappage Plan
- 870 Submission to the Illinois Environmental Protection Agency."
- 871
- 872 c) The notice ~~must~~ shall contain the name and address of the proposed sponsor and
- 873 the address of the proposed vehicle collection location.
- 874

875 d) The notice ~~must~~shall state ~~the following~~:

876
877 "Any person may review the proposed plan, to the extent allowed by applicable
878 laws and regulations, by contacting the Illinois Environmental Protection Agency
879 (Illinois EPA). Any person may submit comments to the Illinois
880 ~~EPA Environmental Protection Agency~~ and request a hearing. Comments and
881 requests for hearing must be submitted in writing to Illinois EPA at:

882
883 Public Information for the Bureau of Air
884 Illinois Environmental Protection Agency
885 2520 West Iles Avenue
886 P.O. Box 19276
887 Springfield, Illinois 62794-9276
888

889 These comments and requests for a hearing must be received by ~~the~~ Illinois EPA
890 within 21 days after the date of publication."
891

892 e) The Agency will determine whether to hold a hearing on any vehicle scrapage
893 plan ~~under in accordance with~~ 35 Ill. Adm. Code 252.205. Any hearing on a
894 proposed vehicle scrapage plan ~~must~~shall be conducted in
895 ~~compliance accordance with the Agency's "Procedures for Permit and Closure~~
896 ~~Plan Hearings"~~ (35 Ill. Adm. Code 166: ~~Subpart A, Informational Permit and~~
897 ~~Closure Plan Hearings~~).
898

899 (Source: Amended at 50 Ill. Reg. _____, effective _____)
900

901 **Section 207.606 Agency Review of Proposed Vehicle Scrapage Plans**
902

903 a) The Agency ~~must~~will approve or disapprove the proposed vehicle scrapage plan
904 within 90 calendar days after ~~it receives the Agency's receipt of~~ a complete
905 proposed plan, except that this ~~deadline time period~~ is extended to 180 days when
906 ~~the Agency holds~~ a hearing ~~under is held, as provided in~~ Section 207.604(e) ~~of this~~
907 ~~Subpart~~.
908

909 b) A proposed plan ~~must~~will be deemed complete within 30 days after ~~receipt by~~ the
910 Agency ~~receives it~~ unless the Agency provides written notification to the
911 applicant of its determination that the plan is incomplete. A proposed plan
912 ~~must~~will be deemed complete if it includes information addressing each of the
913 applicable elements required under this Section. A notification of incompleteness
914 ~~must~~shall specifically identify the deficiencies with the plan identified by the
915 Agency. After a plan has been deemed complete, the Agency may request
916 additional information ~~as needed~~ to complete its review of the proposed plan.
917

- 918 c) ~~After receiving~~ Upon receipt of a notice of approval from the Agency, the vehicle
 919 scrappage sponsor or manager who submitted the plan may begin
 920 ~~implementing~~ proceed to implement it under pursuant to the schedule ~~specified~~ in
 921 the plan.
- 922
- 923 d) ~~After receiving~~ Upon receipt of a notice of disapproval from the Agency, the
 924 person who submitted the plan may request that the Board review the Agency's
 925 determination under. ~~Such review will be filed pursuant to~~ 35 Ill. Adm. Code 105.
- 926
- 927 e) ~~The Agency may disapprove any~~ Any plan that identifies and intends to use a
 928 scrap yard or, recycling or disposal facility ~~for use in the applicable vehicle~~
 929 ~~scrappage project or program~~ that has violated any requirement ~~specified~~ in this
 930 Part ~~may be disapproved by the Agency. Before disapproving the plan, the~~ The
 931 Agency must will notify the vehicle scrappage plan applicant in writing of this
 932 deficiency with the plan and afford the applicant a reasonable period to identify
 933 another scrap yard or, recycling or disposal facility to use for its vehicle scrappage
 934 activities ~~prior to disapproving the plan.~~
- 935

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 207.608 Notice of Commencement of Vehicle Scrappage Activities

The vehicle scrappage manager or sponsor must submit ~~written notification~~ to the Agency at least 14 days ~~before~~ prior to collecting vehicles for the project or program written notification, indicating the date and location of vehicle collection activities.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 207.610 Supplemental Notices Under Pursuant to Approved Vehicle Scrappage Plans

A vehicle scrappage plan may be renewed if the vehicle scrappage sponsor or manager submits to the Agency a written supplemental notice of ~~their~~ his or her intent to conduct more vehicle scrappage activities at least 60 days ~~before~~ in advance of the intended date for notifying vehicle owners notification to owners of vehicles of the opportunity to sell ~~their~~ his or her vehicles. The supplemental notice must refer to shall reference the date and number of the ~~already~~ approved plan and must shall update the dates and any changes in collection locations. If the vehicle scrappage sponsor or manager plans any deviation ~~is planned~~ from the terms and conditions of the approved plan, other than dates or collection locations, they must submit a new proposed plan ~~must be submitted~~ to the Agency, which must review it shall be reviewed in the same manner and by the deadline time frames ~~provided~~ in Section 207.606 ~~of this Subpart.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 207.612 Plans for Agency Sponsored Projects or Programs

~~Despite Notwithstanding~~ the requirements in this Subpart, if the Agency sponsors a vehicle scrappage project or program, it ~~must~~shall develop a vehicle scrappage plan that meets the requirements of Section 207.602 ~~of this Subpart~~ and provide public notice of its proposed plan ~~under, as specified in~~ Section 207.604 ~~of this Subpart~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART G: VEHICLE SCRAPPAGE SPONSOR AND MANAGER
ELIGIBILITY, TRAINING, AND APPLICATION PROCEDURE

Section 207.700 Qualifications for Vehicle Scrappage Managers

- a) ~~A~~No person or entity ~~must not~~may conduct a vehicle scrappage project or program without participation of a vehicle scrappage manager who meets the requirements of this Section ~~for~~supervising vehicle scrappage activities.
- b) Any natural person may qualify to be a vehicle scrappage manager if ~~they meet~~the ~~or she meets~~ the following criteria:
 - 1) ~~Are~~Is at least ~~18~~eighteen years old;
 - 2) ~~Are~~Is an American citizen or legal alien; and
 - 3) ~~Have~~Has never been convicted of or had a final judgment entered against ~~them~~him or her in any State or federal court for a violation of State or federal air pollution laws or regulations, ~~for~~ fraud, or ~~for~~ felony theft.
- c) Each natural person who wishes to become a vehicle scrappage manager must successfully complete the training course offered by the Agency.
 - 1) The Agency will offer the training program annually, based on need. The Agency will provide advance public notice of the time, date, and location for each training course.
 - 2) The curriculum for the Agency training course ~~must~~will include the following subjects:
 - A) ~~Developing~~The development of acceptable vehicle scrappage plans;

- 1004 B) Methods for CER calculations;
 1005
 1006 C) Procedures ~~to model~~for modeling and ~~measure~~measurement of
 1007 emissions;
 1008
 1009 D) Collector vehicle and vehicle parts rebuilder provisions;
 1010
 1011 E) Proper vehicle disassembly and recycling of vehicle parts; and
 1012
 1013 F) ~~For Methods for proper recycling and/or disposal of~~ residual
 1014 materials and wastes derived from ~~retiring~~the retirement of
 1015 vehicles, methods for proper recycling, disposal, or both.
 1016
 1017 3) For the applicant to be authorized to manage a vehicle scrapage program,
 1018 ~~they~~he or she must pass the examination administered by the Agency at
 1019 the conclusion of each Agency training course, which will test each
 1020 applicant's knowledge of the material covered in the training course.
 1021
 1022 4) If an applicant fails the Agency-administered examination ~~specified~~ in
 1023 subsection (c)(3) ~~of this Section~~ on the first attempt, ~~they will~~he or she
 1024 ~~shall~~ have the opportunity to take and pass the examination one additional
 1025 time. If an applicant fails the Agency-administered examination on the
 1026 second attempt, ~~they~~he or she may reapply for approval to manage a
 1027 vehicle scrapage program, subject to the same requirements as a first-
 1028 time~~first time~~ applicant.
 1029
 1030 5) The Agency will offer the examination biannually, if needed. When an
 1031 Agency-administered examination is ~~to be~~ offered at a different time than
 1032 immediately after~~following~~ the Agency training course, the Agency
 1033 must~~will~~ provide advance public notice of the time, date, and location for
 1034 the examination.
 1035
 1036 d) ~~Before~~Prior to conducting any vehicle scrapage activities, each natural person
 1037 who wishes to be a vehicle scrapage manager must submit to the Agency for its
 1038 approval an application ~~demonstrating for the Agency's approval which~~
 1039 ~~demonstrates~~ that they satisfy~~he or she satisfies~~ all of the qualifications ~~specified~~
 1040 in subsection (b) ~~of this Section~~. Applicants may indicate that they intend to
 1041 satisfy the requirements ~~specified~~ in subsection (c) ~~of this Section~~ by attending the
 1042 next Agency training course and taking the examination, if applicable, at that
 1043 time.
 1044
 1045 e) The Agency must~~will~~ approve or disapprove a vehicle scrapage manager
 1046 application in writing within 30 calendar days after the Agency receives~~Agency's~~

1047 ~~receipt of~~ an application or at the conclusion of the Agency training course the
 1048 applicant is scheduled to attend, whichever occurs later. Approval will indicate
 1049 ~~whether~~ if the applicant is authorized to manage both vehicle scrappage projects
 1050 and programs or only vehicle scrappage projects.

1051
 1052 f) ~~After receiving~~ ~~Upon receipt of a~~ notice of approval from the Agency, the
 1053 applicant is considered a vehicle scrappage manager and may conduct a vehicle
 1054 scrappage project or, if approved, a vehicle scrappage program in
 1055 ~~compliance~~ ~~accordance~~ with this Part. Only an approved vehicle scrappage
 1056 manager may be identified as the vehicle scrappage manager in any proposed
 1057 vehicle scrappage plan.

1058
 1059 g) Each natural person submitting an application ~~underpursuant to~~ this Subpart
 1060 ~~must~~ ~~shall~~ sign and date the following statement as part of ~~their~~ ~~his or her~~
 1061 application:

I certify that I satisfy all ~~of~~ the qualification requirements for a vehicle
 1064 scrappage manager and that the information submitted in this application
 1065 is, to the best of my knowledge and belief, true, accurate, and complete. I
 1066 am aware that I may be subject to enforcement under the Environmental
 1067 Protection Act and may be disqualified from conducting vehicle scrappage
 1068 activities in the State of Illinois ~~underpursuant to~~ 35 Ill. Adm. Code 207 if
 1069 any information submitted in this application is determined to be false or
 1070 misleading.

1071
 1072 h) To retain authorization to be a vehicle scrappage manager of a vehicle scrappage
 1073 program, each person approved to manage a vehicle scrappage program ~~must~~ ~~shall~~
 1074 submit a renewal application to the Agency every three years ~~by~~ ~~on or before~~ the
 1075 date on which ~~they~~ ~~he or she~~ received initial approval, and ~~must~~ ~~shall~~ take a
 1076 refresher training course at the next available course offered.

1077
 1078 i) ~~If~~ ~~in the event~~ a vehicle scrappage manager unexpectedly leaves that position, the
 1079 vehicle scrappage sponsor may submit the application ~~specified~~ in subsection (d)
 1080 ~~of this Section~~ requesting permission from the Agency to allow ~~substituting the~~
 1081 ~~substitution of~~ a new manager for up to one year, ~~if provided that~~ the candidate for
 1082 substitution meets the qualifications ~~contained~~ in subsection (b) ~~of this Section~~
 1083 and will fulfill the remaining requirements of this Section as soon as practicable,
 1084 but ~~by~~ ~~in any event, no later than~~ one year ~~after~~ ~~from~~ the date on which the sponsor
 1085 requests approval of the substitution ~~is requested~~.

1086
 1087 j) ~~Despite~~ ~~Notwithstanding~~ the requirements in this Section, if the Agency sponsors
 1088 a vehicle scrappage project or program, it may obtain the services of a vehicle
 1089 scrappage manager or designate an employee of the Agency to serve in this

capacity. To qualify to manage an ~~Agency-sponsored~~ Agency-sponsored vehicle scrappage project or program, an Agency employee must complete the training course ~~specified~~ in subsection (c)(2) ~~of this Section~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 207.702 Financial Responsibility of Vehicle Scrappage Sponsors

a) Any person or entity may qualify to be a vehicle scrappage sponsor if it ~~demonstrates~~ can demonstrate to the Agency that it has the financial resources necessary to fully complete a project or program in ~~compliance~~ accordance with this Part, including, ~~but not limited to,~~ payment for all vehicles proposed to be retired, testing and analytical costs associated with the proposed project or program, and proper recycling or disposal of all residual materials and wastes generated from the scrappage process; in ~~compliance~~ accordance with this Part.

b) ~~A potential sponsor must demonstrate the~~ The sufficiency of ~~its~~ the financial resources ~~when submitting of a potential sponsor must be demonstrated upon~~ submittal of a proposed vehicle scrappage plan in ~~compliance~~ accordance with Subpart F ~~of this Part~~.

1) A corporate entity may provide the Agency with its most recent Section 10(k) filing submitted to the U.S. Securities and Exchange Commission ~~in~~ order to attempt to demonstrate financial resources sufficient to conduct and complete a scrappage project or program.

2) Corporations for which a Section 10(k) filing is not required and other entities or persons may provide the Agency with audited financial statements or other evidence of ~~a level of~~ capital sufficient to conduct and complete the applicable vehicle scrappage project or program, taking into account the proposed number of vehicles proposed for scrappage.

c) If the Agency sponsors a vehicle scrappage project or program, it is not required to make the demonstration ~~specified~~ in this Section.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART H: VEHICLE SCRAPPAGE PLAN FEES

Section 207.800 Vehicle Scrappage Plan and Plan Renewal Fees

Each vehicle scrappage sponsor or manager submitting a proposed vehicle scrappage plan or supplemental notice of renewal ~~under pursuant to~~ Subpart D ~~must of this Part shall~~ submit to the Agency the following fee ~~amount~~:

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- a) If the plan is for a vehicle scrappage project, a ~~fee of \$250~~ fee shall be submitted with the proposed vehicle scrappage plan and ~~with~~ any supplemental notification;
- b) If the plan is for a vehicle scrappage program, an initial ~~fee of \$250~~ fee shall be submitted with the proposed vehicle scrappage plan and an annual ~~fee of \$175~~ fee shall be submitted for each ~~subsequent 12-month~~ 12-month period or portion of that period during which it operates ~~thereof it is in operation thereafter~~. The annual fee ~~must~~ shall be submitted to the Agency each year by the date on which the Agency approved the applicable program ~~was approved~~; or
- c) If the plan requests that the Agency ~~notify~~ provide notification to owners of vehicles for retirement ~~under as provided in~~ Section 207.308(a) of this Part, the fees ~~listed~~ in subsection (a) or (b) ~~of this Section shall be~~ increased by \$50 for the initial fee and \$25 for the annual fee, if applicable.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 207.802 Form of Payment

- a) All fees required under this Subpart ~~must~~ shall be paid by check or money order payable to "Treasurer, State of Illinois;" for deposit in the Environmental Protection Permit and Inspection Fund.
- b) Payment ~~must~~ shall identify the associated vehicle scrappage sponsor, vehicle scrappage manager, and proposed vehicle scrappage plan, and be sent to:

Illinois Environmental Protection Agency
 Fiscal Services Center
2520 West Iles Avenue
 P.O. Box 19276
 Springfield, Illinois 62794-9276

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 207.804 Non-Refundability of Fees and Credits for Overpayments

- a) Any fees received by the Agency ~~under~~ pursuant to this Subpart in a correct amount ~~under, as specified in~~ Section 207.800 will of this Subpart, shall be not be refunded at any time or for any reason, either in part or in full.
- b) ~~If in the event that~~ the vehicle scrappage sponsor or manager submits payment in an incorrect amount that results in overpayment, the Agency ~~must~~ will return the

overpaid amount within 90 days after discovering the overpayment.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 207.806 Fee Exemption for ~~Agency-Sponsored~~ Agency Sponsored Vehicle Scrappage Projects or Programs

~~If in the event~~ the Agency sponsors a vehicle scrappage project or program, it ~~is~~ shall not be subject to fees ~~specified~~ in this Subpart.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART I: ENFORCEMENT AND PENALTIES

Section 207.900 Enforcement

Any person or entity that violates any requirement of this Part ~~is~~ shall be subject to enforcement ~~under as provided in~~ Title XII of the Environmental Protection Act [415 ILCS 5/42-45].

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 207.902 Agency Right of Inspection

The Agency ~~under Section 4 of the Environmental Protection Act [415 ILCS 5/4]~~ is shall be entitled to inspect any location used for any activity conducted ~~under pursuant to~~ any approved vehicle scrappage plan ~~in accordance with Section 4 of the Environmental Protection Act [415 ILCS 5/4]~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 207.904 Agency Right to Revoke Approval of Plan

If any authorized representative of the Agency determines that any vehicle scrappage project or program is not being conducted in ~~compliance~~ accordance with the applicable vehicle scrappage plan or this Part, the Agency may revoke its approval of the plan.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER c: EMISSION STANDARDS AND LIMITATIONS
5 FOR STATIONARY SOURCES
6

7 PART 211
8 DEFINITIONS AND GENERAL PROVISIONS
9

10 SUBPART A: GENERAL PROVISIONS
11

12	Section	
13	211.101	Incorporated and Referenced Materials
14	211.102	Abbreviations and Conversion Factors

15
16 SUBPART B: DEFINITIONS
17

18	Section	
19	211.121	Other Definitions
20	211.122	Definitions (Repealed)
21	211.125	Ablative Coating
22	211.130	Accelacota
23	211.150	Accumulator
24	211.170	Acid Gases
25	211.200	Acrylonitrile Butadiene Styrene (ABS) Welding
26	211.210	Actual Heat Input
27	211.230	Adhesive
28	211.233	Adhesion Primer
29	211.234	Adhesive Bonding Primer
30	211.235	Adhesive Primer
31	211.240	Adhesion Promoter
32	211.245	Adhesion Promoter for Aerospace Applications
33	211.250	Aeration
34	211.260	Aerosol Adhesive and Adhesive Primer
35	211.270	Aerosol Can Filling Line
36	211.271	Aerosol Coating
37	211.272	Aerospace Coating
38	211.273	Aerospace Coating Operation
39	211.275	Aerospace Flexible Primer
40	211.277	Aerospace Facility
41	211.278	Aerospace Pretreatment Coating
42	211.280	Aerospace Primer
43	211.284	Aerospace Specialty Coating

44	211.289	Aerospace Vehicle or Component
45	211.290	Afterburner
46	211.300	Aircraft Fluid Systems
47	211.303	Aircraft Transparencies
48	211.310	Air Contaminant
49	211.330	Air Dried Coatings
50	211.350	Air Oxidation Process
51	211.370	Air Pollutant
52	211.390	Air Pollution
53	211.410	Air Pollution Control Equipment
54	211.430	Air Suspension Coater/Dryer
55	211.450	Airless Spray
56	211.470	Air Assisted Airless Spray
57	211.474	Alcohol
58	211.479	Allowance
59	211.481	Ammunition Sealant
60	211.484	Animal
61	211.485	Animal Pathological Waste
62	211.490	Annual Grain Through-Put
63	211.491	Antichafe Coating
64	211.492	Antifoulant Coating
65	211.493	Antifouling Sealer/Tie Coat
66	211.495	Anti-Glare/Safety Coating
67	211.500	Antique Aerospace Vehicle or Component
68	211.510	Application Area
69	211.520	Aqueous Cleaning Solvent
70	211.530	Architectural Coating
71	211.540	Architectural Structure
72	211.550	As Applied
73	211.560	As-Applied Fountain Solution
74	211.570	Asphalt
75	211.590	Asphalt Prime Coat
76	211.610	Automobile
77	211.630	Automobile or Light-Duty Truck Assembly Source or Automobile or Light-Duty Truck Manufacturing Plant
79	211.650	Automobile or Light-Duty Truck Refinishing
80	211.660	Automotive/Transportation Plastic Parts
81	211.665	Auxiliary Boiler
82	211.670	Baked Coatings
83	211.680	Bakery Oven
84	211.685	Basecoat/Clearcoat System
85	211.690	Batch Loading
86	211.695	Batch Operation

87	211.696	Batch Process Train
88	211.710	Bead-Dipping
89	211.712	Bearing Coating
90	211.715	Bedliner
91	211.730	Binders
92	211.735	Black Coating
93	211.737	Bonding Maskant
94	211.740	Brakehorsepower (rated-bhp)
95	211.750	British Thermal Unit
96	211.770	Brush or Wipe Coating
97	211.790	Bulk Gasoline Plant
98	211.810	Bulk Gasoline Terminal
99	211.820	Business Machine Plastic Parts
100	211.825	Camouflage Coating
101	211.830	Can
102	211.850	Can Coating
103	211.870	Can Coating Line
104	211.880	Cap Sealant
105	211.890	Capture
106	211.910	Capture Device
107	211.930	Capture Efficiency
108	211.950	Capture System
109	211.953	Carbon Adsorber
110	211.954	Cavity Wax
111	211.955	Cement
112	211.960	Cement Kiln
113	211.965	Ceramic Tile Installation Adhesive
114	211.970	Certified Investigation
115	211.975	Chemical Agent-Resistant Coating
116	211.980	Chemical Manufacturing Process Unit
117	211.985	Chemical Milling Maskant
118	211.990	Choke Loading
119	211.995	Circulating Fluidized Bed Combustor
120	211.1000	Class II Finish
121	211.1010	Clean Air Act
122	211.1050	Cleaning and Separating Operation
123	211.1070	Cleaning Materials
124	211.1090	Clear Coating
125	211.1095	Clear Coating for Aerospace Applications
126	211.1110	Clear Topcoat
127	211.1120	Clinker
128	211.1128	Closed Molding
129	211.1130	Closed Purge System

130	211.1150	Closed Vent System
131	211.1170	Coal Refuse
132	211.1190	Coating
133	211.1210	Coating Applicator
134	211.1230	Coating Line
135	211.1250	Coating Plant
136	211.1270	Coil Coating
137	211.1290	Coil Coating Line
138	211.1310	Cold Cleaning
139	211.1312	Combined Cycle System
140	211.1315	Combustion Tuning
141	211.1316	Combustion Turbine
142	211.1320	Commence Commercial Operation
143	211.1324	Commence Operation
144	211.1326	Commercial Exterior Aerodynamic Structure Primer
145	211.1327	Commercial Interior Adhesive
146	211.1328	Common Stack
147	211.1329	Compatible Substrate Primer
148	211.1330	Complete Combustion
149	211.1350	Component
150	211.1370	Concrete Curing Compounds
151	211.1390	Concentrated Nitric Acid Manufacturing Process
152	211.1410	Condensate
153	211.1430	Condensible PM-10
154	211.1432	Confined Space
155	211.1435	Container Glass
156	211.1455	Contact Adhesive
157	211.1465	Continuous Automatic Stoking
158	211.1467	Continuous Coater
159	211.1470	Continuous Process
160	211.1490	Control Device
161	211.1510	Control Device Efficiency
162	211.1515	Control Period
163	211.1520	Conventional Air Spray
164	211.1530	Conventional Soybean Crushing Source
165	211.1550	Conveyorized Degreasing
166	211.1555	Corrosion Prevention System
167	211.1560	Cove Base
168	211.1565	Cove Base Installation Adhesive
169	211.1567	Critical Use and Line Sealer Maskant
170	211.1570	Crude Oil
171	211.1590	Crude Oil Gathering
172	211.1610	Crushing

173	211.1620	Cryogenic Flexible Primer
174	211.1625	Cryoprotective Coating
175	211.1630	Custody Transfer
176	211.1650	Cutback Asphalt
177	211.1655	Cyanoacrylate Adhesive
178	211.1670	Daily-Weighted Average VOM Content
179	211.1690	Day
180	211.1700	Deadener
181	211.1710	Degreaser
182	211.1730	Delivery Vessel
183	211.1735	Department of Defense Classified Coating
184	211.1740	Diesel Engine
185	211.1745	Digital Printing
186	211.1750	Dip Coating
187	211.1770	Distillate Fuel Oil
188	211.1780	Distillation Unit
189	211.1790	Drum
190	211.1810	Dry Cleaning Operation or Dry Cleaning Facility
191	211.1820	Dry Lubricative Material for Aerospace Applications
192	211.1830	Dump-Pit Area
193	211.1850	Effective Grate Area
194	211.1870	Effluent Water Separator
195	211.1872	Ejection Cartridge Sealant
196	211.1875	Elastomeric Materials
197	211.1876	Electric Dissipating Coating
198	211.1877	Electric-Insulating Varnish
199	211.1878	Electrical Apparatus Component
200	211.1880	Electrical Switchgear Compartment Coating
201	211.1882	Electrodeposition Primer (EDP)
202	211.1883	Electromagnetic Interference/Radio Frequency Interference (EMI/RFI) Shielding
203		Coatings
204	211.1885	Electronic Component
205	211.1890	Electrostatic Bell or Disc Spray
206	211.1895	Electrostatic Discharge and Electromagnetic Interference Coating
207	211.1900	Electrostatic Prep Coat
208	211.1910	Electrostatic Spray
209	211.1915	Elevated-Temperature Skydrol-Resistant Commercial Primer
210	211.1920	Emergency or Standby Unit
211	211.1930	Emission Rate
212	211.1950	Emission Unit
213	211.1970	Enamel
214	211.1990	Enclose
215	211.2010	End Sealing Compound Coat

216	211.2030	Enhanced Under-the-Cup Fill
217	211.2035	Epoxy Polyamide Topcoat
218	211.2040	Etching Filler
219	211.2050	Ethanol Blend Gasoline
220	211.2055	Ethylene Propylenediene Monomer (DPDM) Roof Membrane
221	211.2070	Excess Air
222	211.2080	Excess Emissions
223	211.2090	Excessive Release
224	211.2110	Existing Grain-Drying Operation (Repealed)
225	211.2130	Existing Grain-Handling Operation (Repealed)
226	211.2150	Exterior Base Coat
227	211.2170	Exterior End Coat
228	211.2180	Exterior Primer for Large Commercial Aircraft
229	211.2190	External Floating Roof
230	211.2200	Extreme High-Gloss Coating
231	211.2210	Extreme Performance Coating
232	211.2230	Fabric Coating
233	211.2250	Fabric Coating Line
234	211.2270	Federally Enforceable Limitations and Conditions
235	211.2285	Feed Mill
236	211.2290	Fermentation Time
237	211.2300	Fill
238	211.2310	Final Repair Coat
239	211.2320	Finish Primer Surfacer
240	211.2330	Firebox
241	211.2340	Fire-Resistant Interior Coating
242	211.2350	Fixed-Roof Tank
243	211.2355	Flare
244	211.2357	Flat Glass
245	211.2358	Flat Wood Paneling
246	211.2359	Flat Wood Paneling Coating Line
247	211.2360	Flexible Coating
248	211.2365	Flexible Operation Unit
249	211.2368	Flexible Packaging
250	211.2369	Flexible Vinyl
251	211.2370	Flexographic Printing
252	211.2390	Flexographic Printing Line
253	211.2400	Flight Test Coating
254	211.2410	Floating Roof
255	211.2412	Flush Cleaning at Aerospace Facilities
256	211.2415	Fog Coat
257	211.2420	Fossil Fuel
258	211.2425	Fossil Fuel-Fired

259	211.2430	Fountain Solution
260	211.2450	Freeboard Height
261	211.2470	Fuel Combustion Emission Unit or Fuel Combustion Emission Source
262	211.2480	Fuel Tank Adhesive for Aerospace Applications
263	211.2485	Fuel Tank Coating for Aerospace Applications
264	211.2490	Fugitive Particulate Matter
265	211.2510	Full Operating Flowrate
266	211.2525	Gasket/Gasket Sealing Material
267	211.2530	Gas Service
268	211.2550	Gas/Gas Method
269	211.2570	Gasoline
270	211.2590	Gasoline Dispensing Operation or Gasoline Dispensing Facility
271	211.2610	Gel Coat
272	211.2612	General Aviation
273	211.2613	General Aviation Rework Facility
274	211.2615	General Work Surface
275	211.2620	Generator
276	211.2622	Glass Bonding Primer
277	211.2625	Glass Melting Furnace
278	211.2630	Gloss Reducers
279	211.2650	Grain
280	211.2670	Grain-Drying Operation
281	211.2690	Grain-Handling and Conditioning Operation
282	211.2710	Grain-Handling Operation
283	211.2730	Green-Tire Spraying
284	211.2750	Green Tires
285	211.2770	Gross Heating Value
286	211.2790	Gross Vehicle Weight Rating
287	211.2795	Hand-Wipe Cleaning Operation at Aerospace Facilities
288	211.2800	Hardwood Plywood
289	211.2810	Heated Airless Spray
290	211.2815	Heat Input
291	211.2820	Heat Input Rate
292	211.2825	Heat-Resistant Coating
293	211.2830	Heatset
294	211.2840	Heatset Web Letterpress Printing Line
295	211.2850	Heatset Web Offset Lithographic Printing Line
296	211.2870	Heavy Liquid
297	211.2890	Heavy Metals
298	211.2910	Heavy Off-Highway Vehicle Products
299	211.2930	Heavy Off-Highway Vehicle Products Coating
300	211.2950	Heavy Off-Highway Vehicle Products Coating Line
301	211.2955	High Bake Coating

302	211.2956	High Build Primer Surfacer
303	211.2958	High Gloss Coating
304	211.2960	High-Performance Architectural Coating
305	211.2965	High Precision Optic
306	211.2970	High Temperature Aluminum Coating
307	211.2980	High Temperature Coating
308	211.2990	High Volume Low Pressure (HVLP) Spray
309	211.3010	Hood
310	211.3030	Hot Well
311	211.3050	Housekeeping Practices
312	211.3070	Incinerator
313	211.3090	Indirect Heat Transfer
314	211.3095	Indoor Floor Covering Installation Adhesive
315	211.3100	Industrial Boiler
316	211.3110	Ink
317	211.3120	In-Line Repair
318	211.3130	In-Process Tank
319	211.3150	In-Situ Sampling Systems
320	211.3160	Insulation Covering
321	211.3170	Interior Body Spray Coat
322	211.3180	Intermediate Release Coating
323	211.3190	Internal-Floating Roof
324	211.3210	Internal Transferring Area
325	211.3215	Janitorial Cleaning
326	211.3230	Lacquers
327	211.3240	Laminate
328	211.3250	Large Appliance
329	211.3270	Large Appliance Coating
330	211.3290	Large Appliance Coating Line
331	211.3300	Lean-Burn Engine
332	211.3305	Letterpress Printing Line
333	211.3310	Light Liquid
334	211.3330	Light-Duty Truck
335	211.3350	Light Oil
336	211.3355	Lime Kiln
337	211.3360	Limited Access Space
338	211.3370	Liquid/Gas Method
339	211.3390	Liquid-Mounted Seal
340	211.3410	Liquid Service
341	211.3430	Liquids Dripping
342	211.3450	Lithographic Printing Line
343	211.3470	Load-Out Area
344	211.3475	Load Shaving Unit

345	211.3480	Loading Event
346	211.3483	Long Dry Kiln
347	211.3485	Long Wet Kiln
348	211.3487	Low-NOx Burner
349	211.3490	Low Solvent Coating
350	211.3500	Lubricating Oil
351	211.3505	Lubricating Wax/Compound
352	211.3510	Magnet Wire
353	211.3530	Magnet Wire Coating
354	211.3550	Magnet Wire Coating Line
355	211.3555	Maintenance Cleaning
356	211.3570	Major Dump Pit
357	211.3590	Major Metropolitan Area (MMA)
358	211.3610	Major Population Area (MPA)
359	211.3620	Manually Operated Equipment
360	211.3630	Manufacturing Process
361	211.3650	Marine Terminal
362	211.3660	Marine Vessel
363	211.3665	Mask Coating
364	211.3670	Material Recovery Section
365	211.3690	Maximum Theoretical Emissions
366	211.3695	Maximum True Vapor Pressure
367	211.3705	Medical Device
368	211.3707	Medical Device and Pharmaceutical Manufacturing
369	211.3710	Metal Furniture
370	211.3730	Metal Furniture Coating
371	211.3750	Metal Furniture Coating Line
372	211.3755	Metalized Epoxy Coating
373	211.3760	Metallic Coating
374	211.3770	Metallic Shoe-Type Seal
375	211.3775	Metal to Urethane/Rubber Molding or Casting Adhesive
376	211.3780	Mid-Kiln Firing
377	211.3785	Military Specification Coating
378	211.3790	Miscellaneous Fabricated Product Manufacturing Process
379	211.3810	Miscellaneous Formulation Manufacturing Process
380	211.3820	Miscellaneous Industrial Adhesive Application Operation
381	211.3830	Miscellaneous Metal Parts and Products
382	211.3850	Miscellaneous Metal Parts and Products Coating
383	211.3870	Miscellaneous Metal Parts or Products Coating Line
384	211.3890	Miscellaneous Organic Chemical Manufacturing Process
385	211.3910	Mixing Operation
386	211.3915	Mobile Equipment
387	211.3920	Mold Release Coating for Aerospace Applications

388	211.3925	Mold Seal Coating
389	211.3930	Monitor
390	211.3950	Monomer
391	211.3960	Motor Vehicles
392	211.3961	Motor Vehicle Adhesive
393	211.3965	Motor Vehicle Refinishing
394	211.3966	Motor Vehicle Weatherstrip Adhesive
395	211.3967	Mouth Waterproofing Sealant
396	211.3968	Multi-Colored Coating
397	211.3969	Multi-Component Coating
398	211.3970	Multiple Package Coating
399	211.3975	Multipurpose Construction Adhesive
400	211.3980	Nameplate Capacity
401	211.3985	Natural Finish Hardwood Plywood Panel
402	211.3990	New Grain-Drying Operation (Repealed)
403	211.4010	New Grain-Handling Operation (Repealed)
404	211.4030	No Detectable Volatile Organic Material Emissions
405	211.4050	Non-Contact Process Water Cooling Tower
406	211.4052	Non-Convertible Coating
407	211.4055	Non-Flexible Coating
408	211.4065	Non-Heatset
409	211.4066	Nonstructural Adhesive
410	211.4067	NOx Trading Program
411	211.4070	Offset
412	211.4080	One-Component Coating
413	211.4090	One Hundred Percent Acid
414	211.4110	One-Turn Storage Space
415	211.4130	Opacity
416	211.4150	Opaque Stains
417	211.4170	Open Top Vapor Degreasing
418	211.4190	Open-Ended Valve
419	211.4210	Operator of a Gasoline Dispensing Operation or Operator of a Gasoline
420		Dispensing Facility
421	211.4215	Optical Antireflection Coating
422	211.4220	Optical Coating
423	211.4230	Organic Compound
424	211.4250	Organic Material and Organic Materials
425	211.4260	Organic Solvent
426	211.4270	Organic Vapor
427	211.4280	Other Glass
428	211.4285	Outdoor Floor Covering Installation Adhesive
429	211.4290	Oven
430	211.4310	Overall Control

431	211.4330	Overvarnish
432	211.4350	Owner of a Gasoline Dispensing Operation or Owner of a Gasoline Dispensing
433		Facility
434	211.4370	Owner or Operator
435	211.4390	Packaging Rotogravure Printing
436	211.4410	Packaging Rotogravure Printing Line
437	211.4430	Pail
438	211.4450	Paint Manufacturing Source or Paint Manufacturing Plant
439	211.4455	Pan-Backing Coating
440	211.4460	Panel
441	211.4470	Paper Coating
442	211.4490	Paper Coating Line
443	211.4510	Particulate Matter
444	211.4530	Parts Per Million (Volume) or PPM (Vol)
445	211.4535	Part Marking Aerospace Coating
446	211.4540	Perimeter Bonded Sheet Flooring
447	211.4550	Person
448	211.4590	Petroleum
449	211.4610	Petroleum Liquid
450	211.4630	Petroleum Refinery
451	211.4650	Pharmaceutical
452	211.4670	Pharmaceutical Coating Operation
453	211.4690	Photochemically Reactive Material
454	211.4710	Pigmented Coatings
455	211.4720	Pipeline Natural Gas
456	211.4730	Plant
457	211.4735	Plastic
458	211.4740	Plastic Part
459	211.4750	Plasticizers
460	211.4760	Plastic Solvent Welding Adhesive
461	211.4765	Plastic Solvent Welding Adhesive Primer
462	211.4768	Pleasure Craft
463	211.4769	Pleasure Craft Surface Coating
464	211.4770	PM₁₀ PM-10
465	211.4790	Pneumatic Rubber Tire Manufacture
466	211.4810	Polybasic Organic Acid Partial Oxidation Manufacturing Process
467	211.4830	Polyester Resin Material(s)
468	211.4850	Polyester Resin Products Manufacturing Process
469	211.4870	Polystyrene Plant
470	211.4890	Polystyrene Resin
471	211.4895	Polyvinyl Chloride Plastic (PVC Plastic)
472	211.4900	Porous Material
473	211.4910	Portable Grain-Handling Equipment

474	211.4930	Portland Cement Manufacturing Process Emission Source
475	211.4950	Portland Cement Process or Portland Cement Manufacturing Plant
476	211.4960	Potential Electrical Output Capacity
477	211.4970	Potential to Emit (PTE)
478	211.4990	Power Driven Fastener Coating
479	211.5010	Precoat
480	211.5012	Prefabricated Architectural Coating
481	211.5015	Preheater Kiln
482	211.5020	Preheater/Precalciner Kiln
483	211.5030	Pressure Release
484	211.5050	Pressure Tank
485	211.5060	Pressure/Vacuum Relief Valve
486	211.5061	Pretreatment Coating
487	211.5062	Pretreatment Wash Primer
488	211.5065	Primary Product
489	211.5070	Prime Coat
490	211.5072	Primer for General Aviation Rework Facility
491	211.5075	Primer Sealant
492	211.5080	Primer Sealer
493	211.5090	Primer Surfacer Coat
494	211.5110	Primer Surfacer Operation
495	211.5130	Primers
496	211.5140	Printed Interior Panel
497	211.5150	Printing
498	211.5170	Printing Line
499	211.5185	Process Emission Source
500	211.5190	Process Emission Unit
501	211.5195	Process Heater
502	211.5210	Process Unit
503	211.5230	Process Unit Shutdown
504	211.5245	Process Vent
505	211.5250	Process Weight Rate
506	211.5270	Production Equipment Exhaust System
507	211.5310	Publication Rotogravure Printing Line
508	211.5330	Purged Process Fluid
509	211.5335	Radiation Effect Coating
510	211.5336	Radiation-Effect or Electric Coating
511	211.5338	Radome
512	211.5339	Rain Erosion-Resistant Coating
513	211.5340	Rated Heat Input Capacity
514	211.5350	Reactor
515	211.5370	Reasonably Available Control Technology (RACT)
516	211.5390	Reclamation System

517	211.5400	Red Coating
518	211.5410	Refiner
519	211.5430	Refinery Fuel Gas
520	211.5450	Refinery Fuel Gas System
521	211.5470	Refinery Unit or Refinery Process Unit
522	211.5480	Reflective Argent Coating
523	211.5490	Refrigerated Condenser
524	211.5500	Regulated Air Pollutant
525	211.5510	Reid Vapor Pressure
526	211.5520	Reinforced Plastic Composite
527	211.5530	Repair
528	211.5535	Repair Cleaning
529	211.5550	Repair Coat
530	211.5570	Repaired
531	211.5580	Repowering
532	211.5585	Research and Development Operation
533	211.5590	Residual Fuel Oil
534	211.5600	Resist Coat
535	211.5610	Restricted Area
536	211.5630	Retail Outlet
537	211.5640	Rich-Burn Engine
538	211.5650	Ringelmann Chart (Repealed)
539	211.5670	Roadway
540	211.5675	Rocket Motor Bonding Adhesive
541	211.5680	Rocket Motor Nozzle Coating
542	211.5690	Roll Coater
543	211.5710	Roll Coating
544	211.5730	Roll Printer
545	211.5750	Roll Printing
546	211.5770	Rotogravure Printing
547	211.5790	Rotogravure Printing Line
548	211.5800	Rubber
549	211.5805	Rubber-Based Adhesive
550	211.5810	Safety Relief Valve
551	211.5830	Sandblasting
552	211.5850	Sanding Sealers
553	211.5855	Scale Inhibitor
554	211.5860	Scientific Instrument
555	211.5870	Screening
556	211.5875	Screen Printing
557	211.5880	Screen Printing on Paper
558	211.5883	Screen Print Ink for Aerospace Applications
559	211.5885	Screen Reclamation

560	211.5887	Sealant for Aerospace Applications
561	211.5890	Sealer
562	211.5895	Seal Coat Maskant
563	211.5900	Self-Priming Topcoat for Aerospace Applications
564	211.5905	Self-Priming Topcoat for General Aviation Rework Facility
565	211.5907	Semi-Aqueous Cleaning Solvent
566	211.5910	Semi-Transparent Stains
567	211.5930	Sensor
568	211.5950	Set of Safety Relief Valves
569	211.5970	Sheet Basecoat
570	211.5980	Sheet-Fed
571	211.5985	Sheet Rubber Lining Installation
572	211.5987	Shock-Free Coating
573	211.5990	Shotblasting
574	211.6010	Side-Seam Spray Coat
575	211.6012	Silicone-Release Coating
576	211.6013	Silicone Insulation Material
577	211.6015	Single-Ply Roof Membrane
578	211.6017	Single-Ply Roof Membrane Adhesive Primer
579	211.6020	Single-Ply Roof Membrane Installation and Repair Adhesive
580	211.6025	Single Unit Operation
581	211.6030	Smoke
582	211.6050	Smokeless Flare
583	211.6055	Smoothing and Caulking Compounds
584	211.6060	Soft Coat
585	211.6063	Solar-Absorbent Coating
586	211.6064	Solid Film Lubricant
587	211.6065	Solids Turnover Ratio (RT)
588	211.6070	Solvent
589	211.6090	Solvent Cleaning
590	211.6110	Solvent Recovery System
591	211.6130	Source
592	211.6133	Space Vehicle
593	211.6137	Specialized Function Coating
594	211.6140	Specialty Coatings
595	211.6145	Specialty Coatings for Motor Vehicles
596	211.6150	Specialty High Gloss Catalyzed Coating
597	211.6170	Specialty Leather
598	211.6190	Specialty Soybean Crushing Source
599	211.6210	Splash Loading
600	211.6230	Stack
601	211.6250	Stain Coating
602	211.6270	Standard Conditions

603	211.6290	Standard Cubic Foot (scf)
604	211.6310	Start-Up
605	211.6330	Stationary Emission Source
606	211.6350	Stationary Emission Unit
607	211.6355	Stationary Gas Turbine
608	211.6360	Stationary Reciprocating Internal Combustion Engine
609	211.6370	Stationary Source
610	211.6390	Stationary Storage Tank
611	211.6400	Stencil Coat
612	211.6405	Sterilization Indicating Ink
613	211.6410	Storage Tank or Storage Vessel
614	211.6420	Strippable Spray Booth Coating
615	211.6425	Stripping
616	211.6426	Structural Autoclavable Adhesive for Aerospace Applications
617	211.6427	Structural Glazing
618	211.6428	Structural Nonautoclavable Adhesive for Aerospace Applications
619	211.6430	Styrene Devolatilizer Unit
620	211.6450	Styrene Recovery Unit
621	211.6460	Subfloor
622	211.6470	Submerged Loading Pipe
623	211.6490	Substrate
624	211.6510	Sulfuric Acid Mist
625	211.6530	Surface Condenser
626	211.6535	Surface Preparation
627	211.6540	Surface Preparation Materials
628	211.6550	Synthetic Organic Chemical or Polymer Manufacturing Plant
629	211.6570	Tablet Coating Operation
630	211.6575	Temporary Protective Coating for Aerospace Applications
631	211.6580	Texture Coat
632	211.6583	Thermal Control Coating for Aerospace Applications
633	211.6585	Thin Metal Laminating Adhesive
634	211.6587	Thin Particleboard
635	211.6590	Thirty-Day Rolling Average
636	211.6610	Three-Piece Can
637	211.6620	Three-Three or Four-Stage Four-Stage Coating System
638	211.6630	Through-the-Valve Fill
639	211.6635	Tileboard
640	211.6640	Tire Repair
641	211.6650	Tooling Resin
642	211.6670	Topcoat
643	211.6685	Topcoat for General Aviation Rework Facility
644	211.6690	Topcoat Operation
645	211.6695	Topcoat System

646	211.6710	Touch-Up
647	211.6720	Touch-Up Coating
648	211.6730	Transfer Efficiency
649	211.6740	Translucent Coating
650	211.6750	Tread End Cementing
651	211.6770	True Vapor Pressure
652	211.6780	Trunk Interior Coating
653	211.6790	Turnaround
654	211.6810	Two-Piece Can
655	211.6825	Underbody Coating
656	211.6830	Under-the-Cup Fill
657	211.6850	Undertread Cementing
658	211.6860	Uniform Finish Blender
659	211.6870	Unregulated Safety Relief Valve
660	211.6880	Vacuum Metallizing
661	211.6885	Vacuum Metalizing Coating
662	211.6890	Vacuum Producing System
663	211.6910	Vacuum Service
664	211.6930	Valves Not Externally Regulated
665	211.6950	Vapor Balance System
666	211.6970	Vapor Collection System
667	211.6990	Vapor Control System
668	211.7010	Vapor-Mounted Primary Seal
669	211.7030	Vapor Recovery System
670	211.7050	Vapor-Suppressed Polyester Resin
671	211.7070	Vinyl Coating
672	211.7090	Vinyl Coating Line
673	211.7110	Volatile Organic Liquid (VOL)
674	211.7130	Volatile Organic Material Content (VOMC)
675	211.7150	Volatile Organic Material (VOM) or Volatile Organic Compound (VOC)
676	211.7170	Volatile Petroleum Liquid
677	211.7190	Wash Coat
678	211.7200	Washoff Operations
679	211.7210	Wastewater (Oil/Water) Separator
680	211.7220	Waterproof Resorcinol Glue
681	211.7230	Weak Nitric Acid Manufacturing Process
682	211.7240	Weatherstrip Adhesive
683	211.7250	Web
684	211.7260	Wet Fastener Installation Coating
685	211.7275	Wing Coating
686	211.7270	Wholesale Purchase – Consumer
687	211.7290	Wood Furniture
688	211.7310	Wood Furniture Coating

689 211.7330 Wood Furniture Coating Line
 690 211.7350 Woodworking
 691 211.7400 Yeast Percentage

692
 693 211.APPENDIX A Rule into Section Table [\(Repealed\)](#)
 694 211.APPENDIX B Section into Rule Table [\(Repealed\)](#)
 695

696 AUTHORITY: Implementing Sections 9, 9.1, 9.9 and 10 and authorized by Section 27 of the
 697 Environmental Protection Act [415 ILCS 5/9, 9.1, 9.9, 10, 27].
 698

699 SOURCE: Adopted as Chapter 2: Air Pollution, Rule 201: Definitions, R71-23, 4 PCB 191,
 700 filed and effective April 14, 1972; amended in R74-2 and R75-5, 32 PCB 295, at 3 Ill. Reg. 5, p.
 701 777, effective February 3, 1979; amended in R78-3 and 4, 35 PCB 75 and 243, at 3 Ill. Reg. 30,
 702 p. 124, effective July 28, 1979; amended in R80-5, at 7 Ill. Reg. 1244, effective January 21,
 703 1983; codified at 7 Ill. Reg. 13590; amended in R82-1 (Docket A) at 10 Ill. Reg. 12624, effective
 704 July 7, 1986; amended in R85-21(A) at 11 Ill. Reg. 11747, effective June 29, 1987; amended in
 705 R86-34 at 11 Ill. Reg. 12267, effective July 10, 1987; amended in R86-39 at 11 Ill. Reg. 20804,
 706 effective December 14, 1987; amended in R82-14 and R86-37 at 12 Ill. Reg. 787, effective
 707 December 24, 1987; amended in R86-18 at 12 Ill. Reg. 7284, effective April 8, 1988; amended
 708 in R86-10 at 12 Ill. Reg. 7621, effective April 11, 1988; amended in R88-23 at 13 Ill. Reg.
 709 10862, effective June 27, 1989; amended in R89-8 at 13 Ill. Reg. 17457, effective January 1,
 710 1990; amended in R89-16(A) at 14 Ill. Reg. 9141, effective May 23, 1990; amended in R88-
 711 30(B) at 15 Ill. Reg. 5223, effective March 28, 1991; amended in R88-14 at 15 Ill. Reg. 7901,
 712 effective May 14, 1991; amended in R91-10 at 15 Ill. Reg. 15564, effective October 11, 1991;
 713 amended in R91-6 at 15 Ill. Reg. 15673, effective October 14, 1991; amended in R91-22 at 16
 714 Ill. Reg. 7656, effective May 1, 1992; amended in R91-24 at 16 Ill. Reg. 13526, effective August
 715 24, 1992; amended in R93-9 at 17 Ill. Reg. 16504, effective September 27, 1993; amended in
 716 R93-11 at 17 Ill. Reg. 21471, effective December 7, 1993; amended in R93-14 at 18 Ill. Reg.
 717 1253, effective January 18, 1994; amended in R94-12 at 18 Ill. Reg. 14962, effective September
 718 21, 1994; amended in R94-14 at 18 Ill. Reg. 15744, effective October 17, 1994; amended in
 719 R94-15 at 18 Ill. Reg. 16379, effective October 25, 1994; amended in R94-16 at 18 Ill. Reg.
 720 16929, effective November 15, 1994; amended in R94-21, R94-31 and R94-32 at 19 Ill. Reg.
 721 6823, effective May 9, 1995; amended in R94-33 at 19 Ill. Reg. 7344, effective May 22, 1995;
 722 amended in R95-2 at 19 Ill. Reg. 11066, effective July 12, 1995; amended in R95-16 at 19 Ill.
 723 Reg. 15176, effective October 19, 1995; amended in R96-5 at 20 Ill. Reg. 7590, effective May
 724 22, 1996; amended in R96-16 at 21 Ill. Reg. 2641, effective February 7, 1997; amended in R97-
 725 17 at 21 Ill. Reg. 6489, effective May 16, 1997; amended in R97-24 at 21 Ill. Reg. 7695,
 726 effective June 9, 1997; amended in R96-17 at 21 Ill. Reg. 7856, effective June 17, 1997;
 727 amended in R97-31 at 22 Ill. Reg. 3497, effective February 2, 1998; amended in R98-17 at 22 Ill.
 728 Reg. 11405, effective June 22, 1998; amended in R01-9 at 25 Ill. Reg. 108, effective December
 729 26, 2000; amended in R01-11 at 25 Ill. Reg. 4582, effective March 15, 2001; amended in R01-17
 730 at 25 Ill. Reg. 5900, effective April 17, 2001; amended in R05-16 at 29 Ill. Reg. 8181, effective
 731 May 23, 2005; amended in R05-11 at 29 Ill. Reg. 8892, effective June 13, 2005; amended in

732 R04-12/20 at 30 Ill. Reg. 9654, effective May 15, 2006; amended in R07-18 at 31 Ill. Reg.
 733 14254, effective September 25, 2007; amended in R08-6 at 32 Ill. Reg. 1387, effective January
 734 16, 2008; amended in R07-19 at 33 Ill. Reg. 11982, effective August 6, 2009; amended in R08-
 735 19 at 33 Ill. Reg. 13326, effective August 31, 2009; amended in R10-7 at 34 Ill. Reg. 1391,
 736 effective January 11, 2010; amended in R10-8 at 34 Ill. Reg. 9069, effective June 25, 2010;
 737 amended in R10-20 at 34 Ill. Reg. 14119, effective September 14, 2010; amended in R11-23 at
 738 35 Ill. Reg. 13451, effective July 27, 2011; amended in R12-24 at 37 Ill. Reg. 1662, effective
 739 January 28, 2013; amended in R13-1 at 37 Ill. Reg. 1913, effective February 4, 2013; amended
 740 in R14-7 at 37 Ill. Reg. 19824, effective November 27, 2013; amended in R14-16 at 38 Ill. Reg.
 741 12876, effective June 9, 2014; amended in R15-5 at 39 Ill. Reg. 5410, effective March 24, 2015;
 742 amended in R17-2 at 41 Ill. Reg. 1096, effective January 23, 2017; amended in R17-9 at 41 Ill.
 743 Reg. 4173, effective March 24, 2017; amended in R17-11 at 41 Ill. Reg. 13389, effective
 744 October 23, 2017; amended in R19-15 at 44 Ill. Reg. 14199, effective August 18, 2020; amended
 745 in R19-1 at 44 Ill. Reg. 15009, effective September 4, 2020; amended in R21-18 at 45 Ill. Reg.
 746 3509, effective March 4, 2021; amended in R24-8 at 48 Ill. Reg. 1144, effective January 4, 2024;
 747 amended in R18-21 at 50 Ill. Reg. _____, effective _____.

748
 749 **SUBPART A: GENERAL PROVISIONS**

750
 751 **Section 211.101 Incorporated and Referenced Materials**

752
 753 The following materials are incorporated by reference. These incorporations do not include any
 754 later amendments or editions.

755
 756 a) Incorporations by Reference

- 757
 758 1) [API Manual of Petroleum Measurement Standards Chapter 91.2](#)
 759 [Evaporative Loss from Floating-roof Tanks,"Evaporation Loss from](#)
 760 [Floating Roof Tanks," American Petroleum Institute Bulletin 2517](#)
 761 [\(August 2000+1962\)](#)
 762
 763 2) Standard Industrial Classification Manual, Superintendent of Documents,
 764 Washington, D.C. 20402 ([1987+1972](#))
 765
 766 3) American Society for Testing and Materials, 100 Barr Harbor Dr., West
 767 Conshohocken, PA 19428-2959
 768
 769 **A)** [ASTM D86-23a – Standard Test Method for Distillation of](#)
 770 [Petroleum Products and Liquid Fuels at Atmospheric Pressure](#)
 771
 772 **B)** [ASTM D240-19 – Standard Test Method for Heat of Combustion](#)
 773 [of Liquid Hydrocarbon Fuels by Bomb Calorimeter](#)
 774

- 775 C) ASTM D323-20a – Standard Test Method for Vapor Pressure of
- 776 Petroleum Products (Reid Method)
- 777
- 778 D) ASTM D369-84 (2002) – Standard Test Method for Specific
- 779 Gravity of Creosote Fractions and Residue
- 780
- 781 E) ASTM D396-24 – Standard Specification for Fuel Oils
- 782
- 783 F) ASTM D523-14 (2018) – Standard Test Method for Specular
- 784 Gloss
- 785
- 786 G) ASTM D975-24 – Standard Specification for Diesel Fuel
- 787
- 788 H) ASTM D1826-94 (2017) – Standard Test Method for Calorific
- 789 (Heating) Value of Gases in Natural Gas Range by Continuous
- 790 Reading Calorimeter
- 791
- 792 I) ASTM D2880-23 – Standard Specification for Gas Turbine Fuel
- 793 Oils
- 794
- 795 J) ASTM F1667/F1667M-21a – Standard Specification for Drive
- 796 Fasteners: Nails, Spikes, and Staples
- 797

- ASTM D-86
- ASTM D-240-64
- ASTM D-323-08
- ASTM D-369-69 (1971)
- ASTM D-396-69
- ASTM D-523-80
- ASTM D-523-89
- ASTM D-900-55
- ASTM D-975-68
- ASTM D-1826-64
- ASTM D-2015-66
- ASTM D-2880-71

- 798
- 799 4) 40 CFR 51.100 (1987)
- 800
- 801 5) American Architectural Manufacturers Association, 1827 Walden Office
- 802 Square, Suite 550, Schaumburg, IL 60173-4268;
- 803

804 A) Specification 2604-05 (Voluntary Specification, Performance
805 Requirements and Test Procedures for High Performance Organic
806 Coatings on Aluminum Extrusions and Panels) (2005)

807
808 B6) ~~American Architectural Manufacturers Association, 1827 Walden~~
809 ~~Office Square, Suite 550, Schaumburg IL 60173-4268,~~
810 Specification 2605-05 (Voluntary Specification, Performance
811 Requirements and Test Procedures for Superior Performing
812 Organic Coatings on Aluminum Extrusions and Panels) (2005)

813
814 6) The International Building Code (IBC) (2024)

815
816 7) American National Standards Institute (ANSI), 1180 6th Avenue 10th
817 Floor, New York, NY 10036, (212) 642-4900, Standard A135.5 –
818 Prefinished Hardwood Paneling 2020

819
820 b) Referenced Materials
821 Federal Insecticide, Fungicide, and Rodenticide Act (7 USC 136)

822
823 (Source: Amended at 50 Ill. Reg. _____, effective _____)

824
825 **Section 211.102 Abbreviations and Conversion Factors**

826
827 a) This Part uses the following abbreviations~~Abbreviations used in this part include~~
828 ~~the following:~~

ABS	acrylonitrile butadiene styrene
ASTM	American Society for Testing and Materials
bbl	barrels (42 gallons)
btu	British thermal units (60 °F 60°F)
btu/hr	btu per hour
° C °C	degrees Celsius or Centigrade
CAAPP	Clean Air Act Permit Program
cm	centimeters
cu in	cubic inches
EDP	electrodeposition primer
EMI/RFI	electromagnetic interference/radio frequency interference
EPDM	ethylene propylenediene monomer
EGU	Electrical Generating Unit
° F °F	degrees Fahrenheit
FIP	Federal Implementation Plan
ft	feet

ft ²	square feet
ft ³	cubic feet
g	grams
gpm	gallons per minute
g/mole	grams per mole
gal	gallons
hp	horsepower
hr	hours
in	inch
°K ^{°K}	degrees Kelvin
kcal	kilocalories
kg	kilograms
kg/hr	kilograms per hour
kPa	kilopascals; one thousand newtons per square meter
kW	kilowatt
<u>L or L or ℓ</u>	liters
l/sec	liters per second
lbs	pounds
lbs/day	pounds per day
lbs/hr	pounds per hour
lbs/gal	pounds per gallon
lbs/yr	pounds per year
LEL	lower explosive limit
m	meters
m ²	square meters
m ³	cubic meters
mg	milligrams
Mg	Megagrams, metric tons or tonnes
ml	milliliters
min	minutes
MJ	megajoules
mmbtu	million British thermal units
<u>MMmm</u> btu/hr	million British thermal units per hour
mmHg	millimeters of mercury
MTE	maximum theoretical emissions
Mwe	megawatt of electricity
MW	megawatt; one million watts
MW-hr	megawatt per hour
NDO	natural draft opening
<u>NO_x</u> No_x	nitrogen oxides
peoc	potential electrical output capacity
ppm (vol)	parts per million
ppmv	parts per million by volume

ppmvd	parts per million by volume dry
psi	pounds per square inch
psia	pounds per square inch absolute
psig	pounds per square inch gauge
PTE	potential to emit
RACT	reasonably available control technology
R _T	solids turnover ratio
scf	standard cubic feet
scm	standard cubic meters
sec	seconds
SIP	State Implementation Plan
TTE	temporary total enclosure
sq cm	square centimeters
sq in	square inches
T	short ton (2,000 lbs)
ton	short ton (2,000 lbs)
TPY	tons per year
USEPA	United States Environmental Protection Agency
VOC	volatile organic compounds
VOL	volatile organic liquids
VOM	volatile organic materials

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b) This Part uses theThe following conversion factors ~~have been used in this part:~~

English	Metric
1 gal	3.785 l
1,000 gal	3,785 l or 3.785 m ³
1 psia	6.897 kPA (51.71 mmHg)
2.205 lbs	1 kg
<u>32 °F</u> 32°	<u>0 °C (273.15 °K)</u> 0°C (273.15°K)
1 bbl	159.0 l
1 cu in	16.39 ml
1 lb/gal	119,800 mg/l
1	1.548 kg/MW-hr
lb/MMBtu	
tu	
1 lb/T	0.500 kg/Mg
1 ton	0.907 Mg
1 T	0.907 Mg
<u>MMBtu</u> mmbtu	0.293 MW
hr	

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

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SUBPART B: DEFINITIONS

Section 211.121 Other Definitions

All terms defined in 35 Ill. Adm. Code 201.102 have that definition ~~201 which appear~~ in 35 Ill. Adm. Code 211 through 219 ~~have the definitions specified by 35 Ill. Adm. Code 201.102.~~ Terms not defined in 35 Ill. Adm. Code 201.102 have ~~Otherwise,~~ the definitions specified in this Part ~~shall apply.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.170 Acid Gases

"Acid gases" means, for ~~the purposes of~~ Section 9.4 of the Environmental Protection Act ~~(the Act) (Ill. Rev. Stat. 1991, ch. 111½, par. 1009.4)~~ [415 ILCS 5/9.4], hydrogen chloride, hydrogen fluoride, and hydrogen bromide, which exist as gases, liquid mist, or any combination of them ~~thereof.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.200 Acrylonitrile Butadiene Styrene (ABS) Welding

"Acrylonitrile butadiene styrene welding" or "ABS Welding" means, for ~~purposes of~~ Subparts JJ of 35 Ill. Adm. Code 218 and 219, any process to weld acrylonitrile butadiene styrene pipe.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.233 Adhesion Primer

"Adhesion primer" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating ~~that is~~ applied to a polyolefin part to promote the adhesion of a subsequent coating. An adhesion primer should be clearly identified as an adhesion primer or adhesion promoter on its accompanying material safety data sheet.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.234 Adhesive Bonding Primer

"Adhesive bonding primer" means a primer applied in a thin film to aerospace components for ~~the purpose of~~ corrosion inhibition and increased adhesive bond strength by attachment. There are two categories of adhesive bonding primers: primers with a design cure at 250 °F or below and primers with a design cure above 250 °F.

878
879 (Source: Amended at 50 Ill. Reg. _____, effective _____)
880

881 **Section 211.235 Adhesive Primer**

882
883 "Adhesive primer" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, any product applied
884 to a substrate, ~~before applying prior to the application of~~ an adhesive, to provide a bonding
885 surface.

886
887 (Source: Amended at 50 Ill. Reg. _____, effective _____)
888

889 **Section 211.240 Adhesion Promoter**

890
891 "Adhesion promoter" means a coating used to promote adhesion of a topcoat on surfaces, such as
892 trim moldings, door locks, and door sills, where sanding is impractical.

893
894 (Source: Amended at 50 Ill. Reg. _____, effective _____)
895

896 **Section 211.260 Aerosol Adhesive and Adhesive Primer**

897
898 "Aerosol adhesive and adhesive primer" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219,
899 an adhesive or adhesive primer packaged as an aerosol product in which the spray mechanism is
900 permanently housed in a non-refillable can designed for handheld application without the need
901 for ancillary hoses or spray equipment.

902
903 (Source: Amended at 50 Ill. Reg. _____, effective _____)
904

905 **Section 211.272 Aerospace Coating**

906
907 "Aerospace coating" means a material ~~that is~~ applied to the surface of an aerospace vehicle or
908 component to form a decorative, protective, or functional solid film, or the solid film itself.

909
910 (Source: Amended at 50 Ill. Reg. _____, effective _____)
911

912 **Section 211.273 Aerospace Coating Operation**

913
914 "Aerospace coating operation" means using a spray booth, tank, or other enclosure or any area,
915 such as a hangar, ~~to apply for applying~~ a single type of aerospace coating at an aerospace facility.
916 Using the same spray booth ~~to apply for applying~~ another type of coating (e.g., a topcoat after
917 having previously applied a primer) constitutes a separate aerospace coating operation for which
918 compliance determinations are performed separately.

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920 (Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 211.275 Aerospace Flexible Primer

"Aerospace flexible primer" means a primer for aerospace use that meets flexibility requirements, such as those needed for adhesive bond-primed fastener heads or on surfaces expected to contain fuel. The aerospace flexible coating is required because it provides a compatible, flexible substrate over bonded sheet rubber and rubber-type coatings ~~and, as well as~~ a flexible bridge between the fasteners, skin, and skin-to-skin joints on outer aircraft skins. This flexible bridge allows more topcoat flexibility around fasteners and decreases the chance of the topcoat cracking around the fasteners. The result is better corrosion resistance.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.278 Aerospace Pretreatment Coating

"Aerospace pretreatment coating" means an organic coating that contains at least 0.5% ~~percent~~ acids by weight and is applied directly to metal or composite surfaces to provide surface etching, corrosion resistance, adhesion, and ease of stripping.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.280 Aerospace Primer

"Aerospace primer" means the first layer and any subsequent layers of identically formulated coating applied to the surface of an aerospace vehicle or component. Primers are typically used for corrosion prevention, protection from the environment, functional fluid resistance, and adhesion of subsequent coatings. ~~This definition does not include primers~~ ~~Primers that are listed as specialty coatings in 35 Ill. Adm. Code 219.204(r)(2) are not included under this definition.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.284 Aerospace Specialty Coating

"Aerospace specialty coating" means a coating that, even though it meets the definition of a primer, topcoat, or self-priming topcoat, has additional performance criteria beyond those of primers, topcoats, and self-priming topcoats for specific applications. These performance criteria may include, ~~but are not limited to,~~ temperature or fire resistance, substrate compatibility, antireflection, temporary protection or marking, sealing, adhesively joining substrates, or enhanced corrosion protection. Aerospace specialty coatings are listed in 35 Ill. Adm. Code 219.204(r)(2).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

964 **Section 211.289 Aerospace Vehicle or Component**

965
 966 "Aerospace vehicle or component" means any fabricated part, processed part, assembly of parts,
 967 or completed unit, ~~except for~~ ~~with the exception of~~ electronic components, of any aircraft,
 968 including airplanes, helicopters, missiles, rockets, and space vehicles. This term includes any
 969 raw material, partial or completed fabricated part, assembly of parts, or completed unit of any
 970 aircraft, helicopter, missile, or space vehicle, including mockups and prototypes, models, molds,
 971 jigs, tooling, hardware jackets, and test coupons.

972
 973 (Source: Amended at 50 Ill. Reg. _____, effective _____)

974
 975 **Section 211.300 Aircraft Fluid Systems**

976
 977 "Aircraft fluid systems" means ~~those~~ systems that handle hydraulic fluids, fuel, cooling fluids, or
 978 oils.

979
 980 (Source: Amended at 50 Ill. Reg. _____, effective _____)

981
 982 **Section 211.303 Aircraft Transparencies**

983
 984 "Aircraft transparencies" means the aircraft windshield, canopy, passenger windows, lenses, and
 985 other components ~~that are~~ constructed of transparent materials.

986
 987 (Source: Amended at 50 Ill. Reg. _____, effective _____)

988
 989 **Section 211.310 Air Contaminant**

990
 991 "Air contaminant" means any solid, liquid, or gaseous matter, any odor, or any form of energy,
 992 ~~that is~~ capable of being released into the atmosphere.

993
 994 (Source: Amended at 50 Ill. Reg. _____, effective _____)

995
 996 **Section 211.330 Air Dried Coatings**

997
 998 "Air dried coatings" means any coatings that dry ~~using~~ ~~by use of~~ air or forced air at temperatures
 999 up to ~~363.15 °K (194 °F)~~ ~~363.15° K (194° F)~~.

1000
 1001 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1002
 1003 **Section 211.370 Air Pollutant**

1004
 1005 "Air pollutant" means an air pollution agent or combination of ~~such~~ agents, including any
 1006 physical, chemical, biological, or radioactive (including source material, special nuclear material,

1007 and byproduct material) substance or matter which is emitted into or otherwise enters the
 1008 atmosphere. "Air pollutant"~~Such term~~ includes any precursors to the formation of any air
 1009 pollutant, to the extent that the relevant statute or rule has identified ~~the~~such precursor or
 1010 precursors for the particular purpose for which the term "air pollutant" is used.

1011
 1012 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1013
 1014 **Section 211.410 Air Pollution Control Equipment**

1015
 1016 "Air pollution control equipment" means any equipment or apparatus of a type intended to
 1017 eliminate, prevent, reduce, or control the emission of air contaminants to the atmosphere.

1018
 1019 BOARD NOTE~~(Board Note:~~ The requirements under 35 Ill. Adm. Code 201.Subpart C to
 1020 obtain permits for air pollution control equipment,~~in 35 Ill. Adm. Code 201.Subpart C,~~ apply to
 1021 ~~such~~ equipment intended to eliminate, prevent, reduce, or control the emissions of specified air
 1022 contaminants from stationary emission units.

1023
 1024 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1025
 1026 **Section 211.470 Air Assisted Airless Spray**

1027
 1028 "Air assisted airless spray" means a spray coating method which combines compressed air with
 1029 hydraulic pressure to atomize the coating material into finer droplets than is achieved with pure
 1030 airless spray. This method uses lower~~Lower~~ hydraulic pressure ~~is used~~ than ~~with~~ airless spray.

1031
 1032 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1033
 1034 **Section 211.474 Alcohol**

1035
 1036 "Alcohol," means, ~~for the purposes of~~ 35 Ill. Adm. Code 218.405 through 218.411 and 219.405
 1037 through 219.411, ~~means~~ isopropyl alcohol, normal propyl alcohol, or ethanol used in a fountain
 1038 solution in a lithographic printing operation.

1039
 1040 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1041
 1042 **Section 211.479 Allowance**

1043
 1044 "Allowance" means an authorization to emit up to one ton of NO_x during the control period of a
 1045 specified year or any year after it~~thereafter~~ under 35 Ill. Adm. Code 217 and 40 CFR 96.

1046
 1047 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1048
 1049 **Section 211.481 Ammunition Sealant**

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"Ammunition ~~sealant~~Sealant" means, ~~for purposes of 35 Ill. Adm. Code 218.204(q)(1) and 219.204(q)(1)~~, a coating applied in the manufacture of ammunition, including cap sealants and mouth waterproofing sealants.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.484 Animal

"Animal" means any organism other than a human being of the kingdom; Animalia, distinguished from other multicellular organisms by certain typical characteristics such as the power of locomotion, fixed structure and limited growth, and non-photosynthetic metabolism.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.485 Animal Pathological Waste

"Animal pathological waste" means waste composed of whole or parts of animal carcasses and ~~also~~ noncarcass materials, such as plastic, paper wrapping, and animal collars. Noncarcass materials ~~must~~shall not exceed ~~10%~~ten percent by weight of the total weight of the carcass and noncarcass materials combined.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.490 Annual Grain Through-Put

"Annual grain through-put" ~~means, unless otherwise shown by the owner or operator, annual grain through-put~~ for grain-handling operations, which have been ~~operating in operation~~ for three consecutive years ~~before prior to~~ June 30, 1975, ~~the amount shall be~~ determined by adding grain receipts and shipments for the three previous fiscal years and dividing the total by ~~six, unless otherwise shown by the owner or operator~~6. "~~Annual~~The annual grain through-put" for grain-handling operations ~~operating in operation~~ for less than three consecutive years ~~before prior to~~ June 30, 1975, ~~means the amount shall be~~ determined by a reasonable three-year estimate, ~~for which;~~ the owner or operator ~~must~~shall document the reasonableness ~~of his three-year estimate.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.492 Antifoulant Coating

"Antifoulant coating" means, ~~for purposes of~~ 35 Ill. Adm. Code 218 and 219, any coating applied to the underwater portion of a pleasure craft to prevent or reduce the attachment of biological organisms, and registered with USEPA as a pesticide under the Federal Insecticide, Fungicide, and Rodenticide Act (7 USC 136).

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.493 Antifouling Sealer/Tie Coat

"Antifouling ~~sealer/tie coat~~**Sealer/Tie Coat**" means a coating applied over biocidal antifouling coating ~~to prevent for the purpose of preventing~~ release of biocides into the environment, ~~promote and/or to promote~~ **promote** adhesion between an antifouling and a primer or other antifouling, ~~or both.~~ **or both.**

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.495 Anti-Glare/Safety Coating

"Anti-glare/safety coating" means a low gloss coating formulated to minimize glare for safety purposes on interior surfaces of a vehicle, ~~as specified under the~~ U.S. Department of Transportation Motor Vehicle Safety Standards.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.510 Application Area

"Application area" means an area where a coating is applied by dipping, spraying, or other techniques.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.520 Aqueous Cleaning Solvent

"Aqueous cleaning solvent" means a cleaning solvent in which water is the primary ingredient (at least ~~80% percent~~ of the cleaning solvent solution, as applied, must be water). Detergents, surfactants, and bioenzyme mixtures and nutrients may be combined with the water, along with a variety of additives, such as organic solvents (e.g., high boiling point alcohols), builders, saponifiers, inhibitors, emulsifiers, pH buffers, and antifoaming agents. Aqueous solutions must have a flash point greater than 93 °C (200 °F) (as reported by the manufacturer), and the solution must be miscible with water.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.540 Architectural Structure

"Architectural structure" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a free-standing, immobile outdoor construction, which may be permanent or temporary, including ~~but not limited to~~ buildings, bridges, dams, and electricity pylons.

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.610 Automobile

"Automobile" means a motor vehicle which normally has four wheels, is used ~~predominantly~~predominately for carrying 12 or fewer passengers, and is not a light-duty truck.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.660 Automotive/Transportation Plastic Parts

"Automotive/transportation plastic parts" means the interior and exterior plastic components of automobiles, trucks, tractors, lawnmowers, and other ~~similar~~like mobile equipment intended for primary use on land, with the exception of the following: plastic parts coated on the main (body) paint line in automobile and ~~light-duty~~light-duty truck assembly plants;³ and plastic parts coated during refinishing of automobiles, trucks, tractors, lawnmowers, and other ~~similar~~like mobile equipment.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.665 Auxiliary Boiler

"Auxiliary boiler" means, for ~~35 Ill. Adm. Code~~purposes of Part 217, a boiler ~~that is~~ operated only when the main boiler or boilers at a source are not in service and is used either to maintain building heat or to assist in the startup of the main boiler or boilers. This term does not include emergency or standby units and load shaving units.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.670 Baked Coatings

"Baked coatings" means any coating which is cured or dried in an oven where the oven air temperature exceeds ~~90 °C (194 °F)~~90°C (194°F), or any coating which is cured in any manner that does not otherwise fit into the definition of "air dried coatings," as defined in Section 211.330 ~~of this Part.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.680 Bakery Oven

"Bakery oven" means an oven used at any time ~~to bake for the purpose of baking~~ yeast-leavened products, including, ~~but not limited to,~~ breads, rolls, and buns.

1179
 1180 (Source: Amended at 50 Ill. Reg. _____, effective _____)
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1182 **Section 211.690 Batch Loading**

1183
 1184 "Batch loading" means, ~~for with respect to~~ solvent cleaning, the process of loading ~~a number of~~
 1185 individual parts at the same time for degreasing.

1186
 1187 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 1188

1189 **Section 211.695 Batch Operation**

1190
 1191 "Batch operation" means, ~~for purposes of~~ 35 Ill. Adm. Code ~~218 and 219, Sections~~ 218.500
 1192 through 218.506 and 219.500 through 219.506, a noncontinuous operation in which a discrete
 1193 quantity or batch of feed is charged into a chemical manufacturing process unit and distilled or
 1194 reacted, or otherwise used at one time, and may include, ~~but is not limited to,~~ reactors, filters,
 1195 dryers, distillation columns, extractors, crystallizers, blend tanks, neutralizer tanks, digesters,
 1196 surge tanks, and product separators. After each batch operation, the equipment is generally
 1197 emptied before a fresh batch is started.

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 1199 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 1200

1201 **Section 211.696 Batch Process Train**

1202
 1203 "Batch process train" means, ~~for purposes of~~ 35 Ill. Adm. Code ~~218 and 219, Sections~~ 218.500
 1204 through 218.506 and 219.500 through 219.506, the collection of equipment (e.g., reactors, filters,
 1205 dryers, distillation columns, extractors, crystallizers, blend tanks, neutralizer tanks, digesters,
 1206 surge tanks, and product separators) configured to produce a specific product or intermediate by
 1207 a batch operation. A batch process train terminates at the point of storage or product handling of
 1208 the product or intermediate being produced in the batch process train. ~~Regardless~~ ~~irrespective~~ of
 1209 the product being produced, a batch process train ~~which is~~ independent of other processes ~~is~~ ~~shall~~
 1210 ~~be considered~~ a single batch process train ~~for purposes of~~ 35 Ill. Adm. Code 218 and 219.

1211
 1212 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 1213

1214 **Section 211.712 Bearing Coating**

1215
 1216 "Bearing coating" means a coating applied to an antifriction bearing, a bearing housing, or the
 1217 area adjacent to ~~such~~ a bearing ~~in order~~ to facilitate bearing function or to protect base material
 1218 from excessive wear. A material ~~will~~ ~~shall~~ not be classified as a bearing coating if it can also be
 1219 classified as a dry lubricative material or a solid film lubricant.

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 1221 (Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 211.715 Bedliner

"Bedliner" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a multi-component coating applied to a cargo bed after the application of topcoat and outside of the topcoat operation to provide additional durability and chip resistance.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.735 Black Coating

"Black coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating that meets ~~both of~~ the following criteria, based on Cielab color space, 0/45 geometry:

- a) Maximum lightness of either 23 units or, for spherical geometry with specular included, 33 units. ~~For spherical geometry, specular included, maximum lightness of 33 units;~~ and
- b) Saturation of less than 2.8, where saturation equals the square root of $A^2 + B^2$.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.750 British Thermal Unit

"British thermal unit ~~Thermal Unit~~" means the quantity of heat required to raise one pound of water from 60 °F to 61 °F ~~60 °F to 61 °F (abbreviated btu).~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.790 Bulk Gasoline Plant

"Bulk gasoline plant" means:

- a) ~~For "Bulk gasoline plant" means, for purposes of~~ 35 Ill. Adm. Code 215, any gasoline storage and distribution source that receives gasoline from bulk gasoline terminals by delivery vessels and distributes gasoline to gasoline dispensing operations.
- b) ~~For "Bulk gasoline plant" means, for purposes of~~ 35 Ill. Adm. Code 218 and 219, a gasoline storage and distribution source with an average throughput of 76,000 ~~14~~ (20,000 gal) or less on a 30-day rolling average that distributes gasoline to gasoline dispensing operations.

1265 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1266

1267 **Section 211.810 Bulk Gasoline Terminal**
1268

1269 "Bulk gasoline terminal" means any gasoline storage and distribution source that receives
1270 gasoline by pipeline, ship, or barge, and distributes gasoline to bulk gasoline plants or gasoline
1271 dispensing operations.
1272

1273 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1274

1275 **Section 211.820 Business Machine Plastic Parts**
1276

1277 "Business machine plastic parts" means:
1278

1279 a) ~~Before~~~~Prior to~~ May 1, 2012, the plastic housings and other exterior plastic
1280 components of electronic office equipment and ~~of~~ medical and musical
1281 equipment, including, ~~but not limited to the following:~~ computers, monitors,
1282 printers and keyboards, facsimile machines, copiers, microfiche readers, cellular
1283 and standard phones, and pencil sharpeners. This definition excludes internal
1284 electrical components of business machines.
1285

1286 b) On and after May 1, 2012, a device that uses electronic or mechanical methods to
1287 process information, perform calculations, print or copy information, or convert
1288 sound into electrical impulses for transmission, including devices listed in
1289 Standard Industrial Classification~~standard industrial classification~~ numbers 3572,
1290 3573, 3574, 3579, and 3661, and photocopy machines, a subcategory of Standard
1291 Industrial Classification~~standard industrial classification~~ number 3861.
1292

1293 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1294

1295 **Section 211.825 Camouflage Coating**
1296

1297 "Camouflage coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating used,
1298 principally by the military, to conceal equipment from detection.
1299

1300 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1301

1302 **Section 211.830 Can**
1303

1304 "Can" means any cylindrical ~~single-walled~~~~single-walled~~ metal container, with or without a top,
1305 cover, spout, or handles, with walls thinner than 29 gauge (0.0141 ~~in~~~~inch~~), into which solid or
1306 liquid materials may be packaged.
1307

1308 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1309

1310 **Section 211.850 Can Coating**
1311

1312 "Can coating" means any protective, decorative, or functional coating applied onto the surface of
1313 a can or a metal sheet or metal part which is made into a can.

1314
1315 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1316

1317 **Section 211.880 Cap Sealant**
1318

1319 "Cap sealant" means, ~~for purposes of 35 Ill. Adm. Code 218.204(q)(1) and 219.207(q)(1),~~ a
1320 coating applied in the manufacture of ammunition to seal the annular crevice between a primer
1321 cap and shellcase.

1322
1323 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1324

1325 **Section 211.890 Capture**
1326

1327 "Capture" means the containment or recovery of emissions from an emission unit for direction
1328 into a duct which may be exhausted through a stack or vent to a control device. The overall
1329 abatement of emissions from an emission unit with an add-on control device is a function of both
1330 ~~of~~ the capture efficiency and ~~of~~ the control device efficiency.

1331
1332 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1333

1334 **Section 211.910 Capture Device**
1335

1336 "Capture device" means a hood, enclosed room, floor sweep, or other means of collecting
1337 ~~VOM~~ volatile organic material or other air contaminants into a duct. The pollutant can then be
1338 directed to a pollution control device such as an afterburner, carbon adsorber, fabric filter, or
1339 scrubber. Sometimes the term is used loosely to include the control device.

1340
1341 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1342

1343 **Section 211.930 Capture Efficiency**
1344

1345 "Capture efficiency" means, ~~for purposes of~~ 35 Ill. Adm. Code 218 and 219, the weight of VOM
1346 entering a capture system and delivered to a control device divided by the weight of VOM
1347 generated by an emission unit, during a particular time period, expressed as a percentage.

1348
1349 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1350

1351 **Section 211.950 Capture System**

1352
 1353 "Capture system" means all equipment (including, ~~but not limited to,~~ hoods, ducts, fans, ovens,
 1354 dryers, etc.) used to contain, collect, and transport an air contaminant to a control device.

1355
 1356 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1357
 1358 **Section 211.953 Carbon Adsorber**

1359
 1360 "Carbon ~~adsorber~~Adsorber" means a control device designed to remove and, if desired, recover
 1361 ~~volatile organic material (VOM)~~ from process emissions where removal of VOM is
 1362 accomplished through the adherence of ~~the~~ VOM onto the surface of highly porous adsorbent
 1363 particles, such as activated carbon. The term "carbon adsorber" describes any adsorber
 1364 technology used as a control device even though media other than carbon, such as oxides of
 1365 silicon and aluminum, may be used as the adsorbent, ~~such as oxides of silicon and aluminum.~~

1366
 1367 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1368
 1369 **Section 211.954 Cavity Wax**

1370
 1371 "Cavity wax" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating applied into the
 1372 cavities of the vehicle primarily to enhance ~~for the purpose of enhancing~~ corrosion protection.

1373
 1374 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1375
 1376 **Section 211.955 Cement**

1377
 1378 "Cement" means, for ~~the purposes of~~ 35 Ill. Adm. Code 217, ~~Subpart T,~~ a hydraulic cement
 1379 produced by pulverizing clinker consisting primarily of hydraulic calcium silicates, usually
 1380 containing one or more ~~of the~~ forms of calcium sulfate as an interground addition.

1381
 1382 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1383
 1384 **Section 211.960 Cement Kiln**

1385
 1386 "Cement kiln" means, for ~~the purposes of~~ 35 Ill. Adm. Code 217, ~~Subpart T,~~ a system including
 1387 any solid, gaseous, or liquid fuel combustion equipment, used to preheat, calcine, and react with
 1388 raw materials, including limestone and clay, to produce cement clinker.

1389
 1390 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1391
 1392 **Section 211.965 Ceramic Tile Installation Adhesive**

1393

1394 "Ceramic tile installation adhesive" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, any
 1395 adhesive used in the installation of ceramic tiles.

1396
 1397 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 1398

1399 **Section 211.970 Certified Investigation**

1400
 1401 "Certified investigation" means a report signed by Illinois Environmental Protection Agency
 1402 ~~(Agency)~~ personnel certifying whether a grain-handling operation (or portion ~~of it~~ thereof) or
 1403 grain-drying operation is causing or tending to cause air pollution. ~~The Such~~ report must describe
 1404 the ~~signer's~~ ~~signatory's~~ investigation, including a summary of ~~the~~ ~~those~~ facts on which the
 1405 ~~signer's~~ ~~signatory~~ relies to certify whether the grain-handling or grain-drying operation is causing,
 1406 ~~or~~ threatening, or allowing the discharge or emission of any contaminant into the environment so
 1407 as to cause or tend to cause air pollution in Illinois, either alone or in combination with
 1408 contaminants from other sources, or so as to violate regulations or standards adopted by the
 1409 ~~Pollution Control Board (Board)~~ under the ~~Environmental Protection Act (Act)~~. The certified
 1410 investigation ~~must~~ ~~shall~~ be open to a reasonable public inspection and may be copied upon
 1411 ~~paying~~ ~~payment of~~ the actual cost of reproducing the original.

1412
 1413 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 1414

1415 **Section 211.980 Chemical Manufacturing Process Unit**

1416
 1417 "Chemical manufacturing process unit" means the equipment assembled and connected by pipes
 1418 or ducts to process raw materials and ~~to~~ manufacture an intended product. For ~~purposes of~~ 35 Ill.
 1419 Adm. Code 218.431 through 218.436, and 219.431 through 219.436, the chemical manufacturing
 1420 process unit includes reactors and their associated product separators and recovery devices,
 1421 distillation units and their associated distillate receivers, and recovery devices. A chemical
 1422 manufacturing process unit includes, ~~but is not limited to,~~ any combination of pumps,
 1423 compressors, agitators, pressure relief devices, sampling connection systems, ~~open-ended~~ ~~open~~
 1424 ~~ended~~ valves or lines, valves, connectors, instrumentation systems, and control devices or
 1425 systems. A chemical manufacturing process unit is identified by its primary product, as defined
 1426 in Section 211.5060 ~~of this Part~~.

1427
 1428 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 1429

1430 **Section 211.985 Chemical Milling Maskant**

1431
 1432 "Chemical milling maskant" means a coating ~~that is~~ applied directly to aluminum components to
 1433 protect surface areas when chemical milling the component with a Type I or II etchant. Type I
 1434 chemical milling maskants are used with a Type I etchant, and Type II chemical milling
 1435 maskants are used with a Type II etchant. This definition does not include:
 1436

- 1437 a) ~~Bonding~~bonding maskants;
- 1438
- 1439 b) ~~Critical~~critical use and line sealer maskants;
- 1440
- 1441 c) ~~Seal~~seal coat maskants;
- 1442
- 1443 d) ~~Maskants~~maskants that must be used with a combination of Type I or II etchants
- 1444 and any of these maskants (i.e., bonding, critical use and line sealer, and seal
- 1445 coat); or
- 1446
- 1447 e) ~~Maskants~~maskants that are listed as aerospace specialty coatings in 35 Ill. Adm.
- 1448 Code 219.204(r)(2).
- 1449

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.990 Choke Loading

"Choke loading" means ~~at that~~ method of transferring grain from the grain-handling operation to any vehicle for shipment or delivery which precludes a ~~free-fall~~free-fall velocity of grain from a discharge spout into the receiving container.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.995 Circulating Fluidized Bed Combustor

"Circulating fluidized bed combustor" means, for 35 Ill. Adm. Code~~purposes of Part~~ 217, a fluidized bed combustor in which the majority of the fluidized bed material is carried out of the primary combustion zone and ~~is~~ transported back to the primary zone through a recirculation loop.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1000 Class II Finish

"Class II ~~finish~~Finish" means a finish that meets the specifications of ANSI Standards A135.5 – Prefinished Hardwood Paneling 2020~~Voluntary Product Standard PS-59-73~~, as approved by the American National Standards Institute.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1050 Cleaning and Separating Operation

"Cleaning and separating operation" means ~~an that~~ operation in which~~where~~ foreign and

1480 undesired substances are removed from the grain.

1481
1482 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1483

1484 **Section 211.1070 Cleaning Materials**

1485
1486 "Cleaning materials" ~~means:~~mean

- 1487
- 1488 a) ~~Any~~any materials used ~~to clean for cleaning~~ an emission unit; ~~the~~cleaning tools,
- 1489 equipment, or other items used with the emission unit; ~~or~~cleaning the walls or
- 1490 area in which the emission unit is located;
- 1491
- 1492 b) ~~Cleaning or cleaning~~ personnel; or
- 1493
- 1494 c) ~~Materials~~materials used for other cleaning activity associated with an emission
- 1495 unit.

1496
1497 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1498

1499 **Section 211.1090 Clear Coating**

1500
1501 "Clear coating" means a coating~~coatings~~ that lacks~~lack~~ color and opacity or is~~are~~ transparent
1502 using the undercoat as a reflectant base or undertone color.

1503
1504 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1505

1506 **Section 211.1128 Closed Molding**

1507
1508 "Closed molding" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, any molding process
1509 in which pressure is used to distribute the resin through the reinforcing fabric placed between
1510 two mold surfaces to either saturate the fabric or fill the mold cavity. The pressure may be
1511 clamping pressure, fluid pressure, atmospheric pressure, or vacuum pressure used ~~either~~ alone or
1512 in combination. The mold surfaces may be rigid or flexible. Closed molding includes, ~~but is not~~
1513 ~~limited to,~~ compression molding with sheet molding compound, infusion molding, resin injection
1514 molding, vacuum assisted resin transfer molding, resin transfer molding, and vacuum assisted
1515 compression molding. Processes in which a closed mold is used only to compact saturated fabric
1516 or remove air or excess resin from the fabric (such as in vacuum bagging), are not considered
1517 closed molding. Open molding steps, such as application of a gel coat or skin coat layer by
1518 conventional open molding ~~before prior to~~ a closed molding process, are also not closed molding.

1519
1520 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1521

1522 **Section 211.1130 Closed Purge System**

1523
1524 "Closed purge system" means a system that is not open to the atmosphere and ~~that~~ is composed
1525 of piping, connections, and, if necessary, flow-inducing~~flow inducing~~ devices that transport
1526 liquid or vapor from a piece or pieces of equipment to a control device, or return the liquid or
1527 vapor to the process line.

1528
1529 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1530

1531 **Section 211.1150 Closed Vent System**

1532
1533 "Closed vent system" means a system that is not open to the atmosphere and is composed of
1534 piping, connections, and, if necessary, flow-inducing~~flow inducing~~ devices that transport gas or
1535 vapor from a piece or pieces of equipment to a control device.

1536
1537 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1538

1539 **Section 211.1170 Coal Refuse**

1540
1541 "Coal refuse" means waste products of coal mining, cleaning, and coal preparation operations
1542 containing coal, matrix material, clay, and other organic and inorganic material.

1543
1544 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1545

1546 **Section 211.1190 Coating**

1547
1548 "Coating" means:

- 1549
1550 a) ~~For "Coating" means, for purposes of~~ 35 Ill. Adm. Code 215, a material applied to
1551 a substrate for decorative, protective, or other functional purposes. ~~This~~Such
1552 material ~~includes~~shall include, but are not limited to paints, varnishes, sealers,
1553 adhesives, diluents, and thinners.
1554
1555 b) ~~For "Coating" means, for purposes of~~ 35 Ill. Adm. Code 218 and 219, a material
1556 applied onto or impregnated into a substrate for protective, decorative, or
1557 functional purposes. ~~This material includes~~Such materials include, but are not
1558 limited to, paints, varnishes, sealers, adhesives, thinners, diluents, and inks.

1559
1560 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1561

1562 **Section 211.1230 Coating Line**

1563
1564 "Coating line" means:
1565

- 1566 a) ~~For "Coating line" means, for purposes of~~ 35 Ill. Adm. Code 215, an operation in
 1567 which ~~where~~ a surface coating is applied to a material and ~~subsequently~~ the
 1568 coating is then dried, ~~and/or~~ cured, or both.
 1569
- 1570 b) ~~For "Coating line" means, for purposes of~~ 35 Ill. Adm. Code 218 and 219, an
 1571 operation consisting of a series of one or more coating applicators and any
 1572 associated flash-off areas, drying areas, and ovens in which ~~wherein~~ a coating is
 1573 applied, dried, ~~and/or~~ cured, or a combination of these. A coating line ends at the
 1574 point at which ~~where~~ the coating is dried or cured, or before ~~prior to~~ any
 1575 subsequent application of a different coating. It is not necessary for an operation
 1576 to have an oven or a flash-off area ~~in order~~ to be included in this definition.
 1577

1578 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 1579

1580 **Section 211.1250 Coating Plant**

1581
 1582 "Coating plant" means any building, structure, or installation that contains a coating line, ~~and~~
 1583 which is located on one or more contiguous or adjacent properties, ~~and which~~ is owned or
 1584 operated by the same person ~~(or by persons under common control)~~.
 1585

1586 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 1587

1588 **Section 211.1270 Coil Coating**

1589
 1590 "Coil coating" means any protective, decorative, or functional coating which is applied onto any
 1591 flat metal sheet or strip which is delivered to the coating line as a roll or coil, unwound, and
 1592 coated as a continuous substrate.
 1593

1594 For Subparts F of 35 Ill. Adm. Code 218 and 219, the definition does not include protective,
 1595 decorative, or functional materials that consist only of protective oils for metal, acids, bases, or
 1596 any combination of these substances. For this purpose, "protective oil" means an organic
 1597 material that is applied to metal to provide lubrication or protection from corrosion without
 1598 forming a solid film and includes lubricating oils, evaporative oils (including those that
 1599 evaporate completely), and extrusion oils. Protective oils used on miscellaneous metal parts and
 1600 products include magnet wire lubricants and soft temporary protective coatings that are removed
 1601 before installation or further assembly of a part or component.
 1602

1603 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 1604

1605 **Section 211.1290 Coil Coating Line**

1606
 1607 "Coil coating line" means a coating line in which any protective, decorative, or functional
 1608 coating is applied onto any flat metal sheet or strip which is delivered to the coating line as a roll

1609 or coil, unwound, and coated as a continuous substrate.

1610

1611 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1612

1613 **Section 211.1310 Cold Cleaning**

1614

1615 "Cold cleaning" means the process of cleaning and removing soils from surfaces by spraying,
1616 brushing, flushing, or immersion while maintaining the organic solvent below its boiling point.

1617 ~~This definition does not include wipe~~Wipe cleaning ~~is not included in this definition.~~

1618

1619 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1620

1621 **Section 211.1312 Combined Cycle System**

1622

1623 "Combined ~~cycle system~~ ~~Cycle System~~" means a system comprised of one or more combustion
1624 turbines, heat recovery steam generators, and steam turbines configured to improve overall
1625 efficiency of electricity generation or steam production.

1626

1627 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1628

1629 **Section 211.1315 Combustion Tuning**

1630

1631 "Combustion tuning" means, for ~~35 Ill. Adm. Code purposes of Part 217, reviewing and~~
1632 ~~adjusting review and adjustment of~~ a combustion process to maintain combustion efficiency of an
1633 emission unit, as performed in ~~compliance accordance~~ with procedures provided by the
1634 manufacturer or by a trained technician.

1635

1636 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1637

1638 **Section 211.1316 Combustion Turbine**

1639

1640 "Combustion ~~turbine~~ ~~Turbine~~" means an enclosed fossil or other fuel-fired device ~~that is~~
1641 comprised of a compressor, a combustor, and a turbine, and in which the flue gas resulting from
1642 the combustion of fuel in the combustor passes through the turbine, rotating the turbine.

1643

1644 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1645

1646 **Section 211.1320 Commence Commercial Operation**

1647

1648 "~~Commence commercial operation~~" means, ~~for allocating~~For purposes of allocation of
1649 allowances ~~under as described in~~ 35 Ill. Adm. Code 217 ~~for,~~ "commence commercial operation"
1650 ~~means, with regard to~~ an EGU that serves a generator, to ~~begin producing~~have begun to produce
1651 steam, gas, or other heated medium used to generate electricity for sale or use, including test

1652 generation. ~~This~~Such date ~~must~~shall remain the unit's date of ~~commencing~~commencement of
 1653 operation even if the EGU is subsequently modified, reconstructed, or repowered.

1654
 1655 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1656
 1657 **Section 211.1324 Commence Operation**

1658
 1659 "~~Commence operation~~" means, ~~for allocating~~For purposes of allocation of allowances ~~under as~~
 1660 ~~described in~~ 35 Ill. Adm. Code 217 ~~for,~~"commence operation" means with regard to a stationary
 1661 boiler, combustion turbine, or combined cycle system, to ~~begin~~have begun any mechanical,
 1662 chemical, or electronic process, including, start-up of the unit's combustion chamber. ~~This~~Such
 1663 date ~~must~~shall remain the unit's date of ~~commencing~~commencement of operation even if the unit
 1664 is subsequently modified, reconstructed, or repowered.

1665
 1666 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1667
 1668 **Section 211.1326 Commercial Exterior Aerodynamic Structure Primer**

1669
 1670 "Commercial exterior aerodynamic structure primer" means a primer used on aerodynamic
 1671 components and structures that protrude from the fuselage, such as wings and attached
 1672 components, control surfaces, horizontal stabilizers, vertical fins, wing-to-body fairings,
 1673 antennae, and landing gear and doors, for ~~the purpose of~~ extended corrosion protection and
 1674 enhanced adhesion.

1675
 1676 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1677
 1678 **Section 211.1327 Commercial Interior Adhesive**

1679
 1680 "Commercial interior adhesive" means materials used ~~to bond~~in the bonding of passenger cabin
 1681 interior components that are subject to the Federal Aviation Administration fireworthiness
 1682 requirements.

1683
 1684 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1685
 1686 **Section 211.1329 Compatible Substrate Primer**

1687
 1688 "Compatible substrate primer" means either compatible epoxy primer or adhesive primer.

- 1689
 1690 a) Compatible epoxy primer is ~~a~~ primer ~~that is~~ compatible with the filled elastomeric
 1691 coating and is epoxy-based. The compatible substrate primer is an
 1692 epoxypolyamide primer used to promote adhesion of elastomeric coatings, such
 1693 as impact-resistant coatings.

1694

b) Adhesive primer excludes fuel tank coatings. Adhesive primer is a coating that:

1) Inhibits~~inhibits~~ corrosion and serves as a primer applied to bare metal surfaces or before~~prior to~~ adhesive application; or

2) Is~~is~~ applied to surfaces that can be expected to contain fuel.

~~Fuel tank coatings are excluded from this category.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1350 Component

"Component" means any piece of equipment which has the potential to leak ~~volatile organic material (VOM)~~ including, ~~but not limited to,~~ pump seals, compressor seals, seal oil degassing vents, pipeline valves, pressure relief devices, process drains and open-ended~~open-ended~~ valves and lines, and flanges. For ~~purposes of~~ Subparts Q and R in 35 Ill. Adm. Code 215, 218, and 219, this definition excludes valves which are not externally regulated, flanges, and equipment in heavy liquid service. For Subparts~~purposes of Subpart~~ Q of 35 Ill. Adm. Code 215, 218, and 219, this definition also excludes bleed ports of gear pumps in polymer service.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1390 Concentrated Nitric Acid Manufacturing Process

"Concentrated nitric acid manufacturing process" means any acid-producing~~acid-producing~~ facility manufacturing nitric acid with a concentration of at least 70%~~equal to or greater than 70 percent~~ by weight.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1410 Condensate

"Condensate" means VOL~~volatile organic liquid~~ separated from its associated gases, which condenses due to changes in the temperature or pressure and remains liquid at standard conditions.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1430 Condensible PM₁₀~~PM-10~~

"Condensible PM₁₀~~PM-10~~" means PM₁₀~~PM-10~~ formed immediately or shortly after discharge to the atmosphere, as measured by the applicable test method underspecified in 35 Ill. Adm. Code

1738 212.110. Condensable particulate matter exists in gaseous ~~or and/or~~ vapor form or both
1739 ~~before prior to~~ release to the atmosphere ~~(such as, e.g.,~~ in the stack), and forms particulate matter
1740 upon condensation when subject to conditions of cooling and dilution in the atmosphere.

1741
1742 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1743

1744 **Section 211.1435 Container Glass**

1745
1746 "Container glass" means, for 35 Ill. Adm. Code~~purposes of Part~~ 217, glass made of soda-lime
1747 recipe, clear or colored, which is pressed, ~~or~~ blown, or both, into bottles, jars, ampoules, and
1748 other products listed in Standard Industrial Classification 3221.

1749
1750 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1751

1752 **Section 211.1455 Contact Adhesive**

1753
1754 "Contact adhesive" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, an adhesive that
1755 meets the qualifying criteria ~~in this Section. "Contact adhesive" does not include rubber cements~~
1756 ~~that are primarily intended for use on paper substrates or vulcanizing fluids that are designed and~~
1757 ~~labeled for tire repair only. The qualifying criteria are:~~

- 1758
1759 a) The adhesive is designed for application to both surfaces to be bonded together;
1760
1761 b) The adhesive is allowed to dry before the two surfaces are placed in contact with
1762 each other;
1763
1764 c) The adhesive forms an immediate bond that is impossible, or difficult, to
1765 reposition after both adhesive-coated surfaces are placed in contact with each
1766 other; and
1767
1768 d) The adhesive does not need sustained pressure or clamping of surfaces after the
1769 adhesive-coated surfaces have been brought together using sufficient momentary
1770 pressure to establish full contact between both surfaces.

1771
1772 "Contact adhesive" does not include rubber cements that are primarily intended for use on paper
1773 substrates or vulcanizing fluids that are designed and labeled for tire repair only.

1774
1775 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1776

1777 **Section 211.1465 Continuous Automatic Stoking**

1778
1779 "Continuous automatic stoking" means automatically~~the automatic~~ moving ~~of~~ animal
1780 pathological waste during burning, by moving the hearth in a pulse cycle manner. This, which

1781 process is designed to provide a continuous burning rate in which the design charging rate per
 1782 hour equals the burning rate every hour without limitation. ~~This process results, and results~~ in
 1783 emission rates which are similar over any hour of the burning process.

1784
 1785 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1786
 1787 **Section 211.1470 Continuous Process**

1788
 1789 "Continuous process" means, ~~for manufacturing with respect to manufacture of~~ polystyrene resin,
 1790 a method ~~of manufacture~~ in which the styrene raw material is delivered on a continuous basis to
 1791 the reactor in which the styrene is polymerized to polystyrene.

1792
 1793 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1794
 1795 **Section 211.1490 Control Device**

1796
 1797 "Control device" means equipment, ~~(such as an afterburner, adsorber, fabric filter, or scrubber,)~~
 1798 used to remove or prevent the emission of an air contaminant from a contaminated exhaust
 1799 stream.

1800
 1801 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1802
 1803 **Section 211.1510 Control Device Efficiency**

1804
 1805 "Control device efficiency" means, ~~for purposes of~~ 35 Ill. Adm. Code 218 and 219, the weight of
 1806 VOM generated by an emission unit which is destroyed or removed by a control device, divided
 1807 by the weight of VOM generated by ~~the such~~ unit entering the control device, during a particular
 1808 time period, expressed as a percentage.

1809
 1810 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1811
 1812 **Section 211.1515 Control Period**

1813
 1814 For ~~purposes of~~ 35 Ill. Adm. Code 217, "control period" means the period beginning May 1 of a
 1815 year and ending ~~on~~ September 30 of the same year, inclusive, except that in 2004, "control
 1816 period" means May 31 through September 30.

1817
 1818 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1819
 1820 **Section 211.1520 Conventional Air Spray**

1821
 1822 "Conventional air spray" means a spray coating method in which the coating is atomized by
 1823 mixing it with compressed air at an air pressure greater than 10 ~~psipounds per square inch~~

1824 (gauge) at the point of atomization. Airless, air assisted airless, and electrostatic spray
 1825 technologies are not conventional air spray.

1826
 1827 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1828
 1829 **Section 211.1550 Conveyorized Degreasing**

1830
 1831 "Conveyorized degreasing" means the continuous process of cleaning and removing soils from
 1832 surfaces ~~using~~utilizing either cold or vaporized solvents.

1833
 1834 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1835
 1836 **Section 211.1560 Cove Base**

1837
 1838 "Cove base" means, for ~~purposes of~~ Subparts JJ of 35 Ill. Adm. Code 218 and 219, a flooring
 1839 trim unit, generally made of vinyl or rubber, having a concave radius on one edge and a convex
 1840 radius on the opposite edge, that is used ~~to join in forming a junction between~~ the bottom wall
 1841 course and the floor or ~~to~~ form an inside corner.

1842
 1843 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1844
 1845 **Section 211.1565 Cove Base Installation Adhesive**

1846
 1847 "Cove base installation adhesive" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, any
 1848 adhesive used ~~to install for the installation of~~ cove base or wall base on a wall or vertical surface
 1849 at floor level.

1850
 1851 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1852
 1853 **Section 211.1567 Critical Use and Line Sealer Maskant**

1854
 1855 "Critical use and line sealer maskant" means a temporary coating, not covered under other
 1856 maskant categories, used to protect selected areas of aerospace parts from:

- 1857
- 1858 a) ~~Strong~~strong acid or alkaline solutions, such as those used in anodizing, plating,
 1859 chemical milling, and processing of magnesium, titanium, or ~~high-strength~~high
 1860 ~~strength~~ steel;
 - 1861
 - 1862 b) ~~High-precision~~high-precision aluminum chemical milling of deep cuts; and
 - 1863
 - 1864 c) ~~Aluminum~~aluminum chemical milling of complex shapes.
- 1865

1866 This definition also includes materials Materials used for repairs or to bridge gaps left by scribing
1867 operations (i.e., line sealer) ~~are also included in this definition.~~

1868
1869 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1870

1871 **Section 211.1570 Crude Oil**

1872
1873 "Crude oil" means a naturally occurring mixture consisting ~~which consists~~ of hydrocarbons and
1874 sulfur, nitrogen, or oxygen derivatives of hydrocarbons and which is a liquid at standard
1875 conditions.

1876
1877 (Source: Amended at 50 Ill. Reg. _____, effective _____)
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1879 **Section 211.1590 Crude Oil Gathering**

1880
1881 "Crude oil gathering" means transporting ~~the transportation of~~ crude oil or condensate after
1882 transferring custody ~~transfer~~ between a production site and a reception point.

1883
1884 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1885

1886 **Section 211.1610 Crushing**

1887
1888 "Crushing" means fragmenting ~~the fragmentation of~~ non-metallic minerals by a machine, such as
1889 a jaw, gyratory, cone, roll, rod, mill, hammermill, or ~~and~~ impactor.

1890
1891 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1892

1893 **Section 211.1630 Custody Transfer**

1894
1895 "Custody transfer" means transferring ~~the transfer of~~ produced petroleum, and/or ~~or~~ condensate, or
1896 both after processing, and/or ~~or~~ treating, or both in the producing operations; from storage tanks or
1897 automatic transfer systems to pipelines or any other form ~~forms~~ of transportation.

1898
1899 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1900

1901 **Section 211.1650 Cutback Asphalt**

1902
1903 "Cutback asphalt" means any asphalt which has been liquefied ~~liquified~~ by blending with
1904 petroleum solvents other than residual fuel oil and has not been emulsified with water.

1905
1906 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1907

1908 **Section 211.1655 Cyanoacrylate Adhesive**

1909
1910 "Cyanoacrylate adhesive" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, any adhesive
1911 with a cyanoacrylate content of at least 95% ~~percent~~ by weight.

1912
1913 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1914
1915 **Section 211.1670 Daily-Weighted Average VOM Content**

1916
1917 "Daily-weighted average VOM content" means the average VOM content of two or more
1918 coatings as applied on a coating line during any day, taking into account the fraction of total
1919 coating ~~volume~~ that each coating represents, determined by the following formulas as calculated
1920 with the following equation:

1921
$$VOM_{w} = \left[\sum_{i=1}^n V_i C_i \right] / V_T$$

1922 where:

1923 VOM_{w} = The average VOM content of two or more coatings as
1924 applied each day on a coating line in units of kg VOM/l (lbs
VOM/gal) of coating (minus water and any compounds
which are specifically exempted from the definition of
VOM),

n = The number of different coatings as applied each day on a
coating line,

V_i = The volume of each coating (minus water and any
compounds which are specifically exempted from the
definition of VOM) as applied each day on a coating line in
units of l (gal).

C_i = The VOM content of each coating as applied each day on a
coating line in units of kg VOM/l (lbs VOM/gal) of coating
(minus water and any compounds which are specifically
exempted from the definition of VOM), and

V_T = The total volume of all coatings (minus water and any
compounds which are specifically exempted from the
definition of VOM) as applied each day on a coating line in
units of l (gal).

1926 a) Daily-weighted average VOM content in units of kg VOM/l (lbs VOM/gal) of
1927 coatings applied (minus water and any compounds which are specifically exempt
1928 from the definition of VOM) must be determined using the equation:
1929

1930
$$VOM_{DWA,Vc} = \frac{\sum_{i=1}^n (Vc_i)(VOMv_i)}{Vc_T}$$

1931 where:

1932 VOM_{DWA,Vc} = The daily weighted average VOM content, by volume of
1933 coating, of two or more coatings applied each day on the
coating line in units of kg VOM/l (lbs VOM/gal)
coatings as applied (minus water and any compounds
which are specifically exempted from the definition of
VOM);

i = Subscript denoting a coating, i;

n = The number of different coatings applied each day on
the coating line;

Vc_i = The volume of a coating, i, (minus water and any
compounds which are specifically exempted from the
definition of VOM) as applied each day on the coating
line in units of l (gal);

VOM_{v_i} = The VOM content, by volume of coating, of a coating, i,
as applied each day on the coating line in units of kg
VOM/l (lbs VOM/gal) of coating (minus water and any
compounds which are specifically exempted from the
definition of VOM);

Vc_T = The total volume of all coatings (minus water and any
compounds which are specifically exempted from the
definition of VOM) as applied each day from all
coatings applied on the coating line in units of l (gal),
determined using the equation:

$$Vc_T = \sum_{i=1}^n Vc_i$$

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b) Daily-weighted average VOM content in units of kg VOM/kg solids (lbs VOM/lb solids) must be determined using the equation:

$$VOM_{DWA,Ms} = \frac{\sum_{i=1}^n Ms_i VOMs_i}{Ms_T}$$

where:

- VOM_{DWA,Ms} The daily-weighted average VOM content, by mass of solids applied, of two or more coatings applied each day on the coating line in units of kg VOM/kg solids (lbs VOM/lb solids);
- i Subscript denoting a coating, i;
- n The number of different coatings applied each day on the coating line;
- Ms_i The mass of solids of a coating, i, applied each day on the coating line in units of kg (lb);
- VOMs_i The VOM content, by mass of solids applied, of a coating, i, applied each day on a coating line in units of kg VOM/kg solids (lbs VOM/lb solids) of each coating;
- Ms_T The total weight of solids in kg (lb) applied each day from all coatings applied on the coating line, determined using the equation:

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$$Ms_T = \sum_{i=1}^n Ms_i$$

c) Daily-weighted average VOM content in units of kg VOM/kg coating (lbs VOM/lb coating) applied must be determined using the equation:

$$VOM_{DWA,Mc} = \frac{\sum_{i=1}^n (Mc_i)(VOMm_i)}{Mc_T}$$

where:

- VOM_{DWA,Mc} The average VOM content, by mass of coating, of two or more coatings applied each day on the coating line in

units of kg VOM/kg coating (lbs VOM/lb coating) applied;

i = Subscript denoting a coating, i;

n = The number of different coatings -applied each day on the coating line;

Mc_i = The mass of each coating, i, applied each day on a coating line in units of kg (lb);

VOMm_i = The VOM content, by mass of coating, of a coating, i, applied each day on a coating line in units of kg VOM/kg coating (lbs VOM/lb coating)

Mc_T = The total mass of all coatings applied each day on the coating line in units of kg (lb), determined using the equation:

$$Mc_T = \sum_{i=1}^n Mc_i$$

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d) Daily-weighted average VOM content in units of kg VOM/l solids (lbs VOM/gal solids) applied must be determined using the equation below:

$$VOM_{DWA,VS} = \frac{\sum_{i=1}^n (Vs_i)(VOMvs_i)}{VS_T}$$

where:

VOM_{DWA,vs} = The daily-weighted average VOM content, by volume of solids, of two or more coatings applied each day on the coating line in units of kg VOM/l solids (lbs VOM/gal solids);

i = Subscript denoting a coating, i;

n = The number of different coatings applied each day on the coating line;

Vs_i = The volume of solids of a coating, i, applied each day on a coating line in units of liter (gallon);

VOM_{vS_i} = The VOM content, by volume of solids, of a coating, i, applied each day on the coating line in units of kg VOM/l+ solids (lbs VOM/gal solids);

V_{ST} = The total volume of all solids applied each day on the coating line in units of liter (gallon), determined using the equation:-

$$V_{ST} = \sum_{i=1}^n V_{S_i}$$

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1690 Day

"Day" means, for 35 Ill. Adm. Code purposes of Part 218 and/or Part 219, the consecutive 24 hours beginning at 12:00 AM (midnight) local time ~~or beginning at a fixed time consistent with the source's operating schedule, as provided below.~~ A source may use a 24-hour day beginning at a fixed time other than midnight which is consistent with its operating schedule ~~if provided that the owner or operator of the source first notifies the Agency in writing of that such alternative and describes, describing~~ why it would be more reasonable to maintain records on this basis. ~~The owner or operator shall notify the Agency in writing prior to any change in the time at which a day begins.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1700 Deadener

"Deadener" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating applied to selected vehicle surfaces primarily to reduce for the purpose of reducing the sound of road noise in the passenger compartment.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1730 Delivery Vessel

"Delivery vessel" means any tank truck or trailer equipped with a storage tank that is used ~~to for~~ the transport of gasoline to a stationary storage tank at a gasoline dispensing operation, bulk gasoline plant, or bulk gasoline terminal.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 211.1735 Department of Defense Classified Coating

"Department of Defense classified coating" means a coating that has been determined ~~underpursuant to~~ federal Executive Order 13526, "Classified National Security Information," December 29, 2009, or any successor order to require protection against unauthorized disclosure and is marked in documentary form to indicate its classified status ~~when in documentary form.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1740 Diesel Engine

"Diesel engine" means, for ~~the purposes of~~ 35 Ill. Adm. Code 217.5-Subpart Q, a compression ignited two- or four-stroke engine in which liquid fuel injected into the combustion chamber ignites when the air charge is compressed to a temperature sufficiently high for auto-ignition.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1745 Digital Printing

"Digital ~~printing~~ Printing" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.187 and 219.187, ~~transferring the transfer of~~ electronic files directly from a computer to an electronically driven output device that prints the image directly on the selected media (substrate). This definition excludes printing ~~Printing using home and office equipment is excluded from this definition.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1770 Distillate Fuel Oil

"Distillate fuel oil" means fuel oils of grade No. 1 or 2 ~~underas specified in detailed~~ requirements for fuel oil ~~under ASTM D369-84 (2002), ASTM D-369-69 (1971)~~ incorporated by reference in 35 Ill. Adm. Code 211.101(a)(3), 218.112, and 219.112.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1780 Distillation Unit

"Distillation unit" means a device or vessel in which one or more feed streams are separated into two or more exit streams, each exit stream having component concentrations different from those in the feed stream(s). Separation is achieved by ~~redistributing a redistribution of the~~ components between the liquid and the vapor phases by vaporization and condensation as they approach equilibrium within the distillation unit. A distillation unit includes, ~~but is not limited to,~~ the distillate receiver, reboiler, vacuum pump, steam jet, and any associated recovery system.

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1790 Drum

"Drum" means any cylindrical shipping container of 13- to 110-gallon capacity.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1810 Dry Cleaning Operation or Dry Cleaning Facility

"Dry cleaning operation" or "Dry cleaning facility" means the cleaning of fabrics using an essentially nonaqueous solvent by means of one or more solvent washes, ~~extracting~~ ~~extraction of~~ excess solvent by spinning, and drying by tumbling in an airstream. The dry cleaning operation or facility includes, ~~but is not limited to,~~ washers, dryers, filter and purification systems, waste disposal systems, holding tanks, pumps, and attendant piping and valves.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1850 Effective Grate Area

"Effective grate area" means ~~the~~ ~~that~~ area of a dump-pit grate through which air passes, or would pass, when aspirated.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1870 Effluent Water Separator

"Effluent water separator" means any tank, box, sump, or other apparatus in which any organic material floating on or entrained or contained in water entering ~~the~~ ~~such~~ tank, box, sump, or other apparatus is physically separated and removed from ~~the~~ ~~such~~ water ~~before~~ ~~prior to~~ outfall, drainage, or recovery of ~~the~~ ~~such~~ water.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1872 Ejection Cartridge Sealant

"Ejection cartridge sealant" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.204(q) and 219.204(q), a sealant applied during the assembly of an ejection cartridge to provide a waterproof barrier between a shellcase and primer, and between a shellcase and the wad.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

2077 **Section 211.1876 Electric Dissipating Coating**

2078
 2079 "Electric dissipating coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating
 2080 that rapidly dissipates a high-voltage electric charge.

2081
 2082 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2083
 2084 **Section 211.1877 Electric-Insulating Varnish**

2085
 2086 "Electric-insulating varnish" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a non-
 2087 convertible coating applied to electric motors, components of electric motors, or power
 2088 transformers to provide electrical, mechanical, and environmental protection or resistance.

2089
 2090 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2091
 2092 **Section 211.1878 Electrical Apparatus Component**

2093
 2094 "Electrical ~~apparatus component~~~~Apparatus-Component~~" means, for ~~purposes of~~ 35 Ill. Adm.
 2095 Code 218.187 and 219.187, an internal component, such as wires, windings, stators, rotors,
 2096 magnets, contacts, relays, energizers, and connections, in an apparatus that generates or transmits
 2097 electrical energy, including, ~~but not limited to,~~ alternators, generators, transformers, electric
 2098 motors, cables, and circuit breakers, except for the actual cabinet in which the components are
 2099 housed. This definition also includes electrical~~Electrical~~ components of graphic arts application
 2100 equipment and hot-line tools ~~are also included in this category.~~

2101
 2102 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2103
 2104 **Section 211.1880 Electrical Switchgear Compartment Coatings**

2105
 2106 "Electrical switchgear compartment coatings" means coatings applied to metal-enclosed
 2107 compartments that house assemblies of medium/high voltage switchgear, of greater than 1,000
 2108 volts AC, for utility distribution in outdoor use.

2109
 2110 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2111
 2112 **Section 211.1882 Electrodeposition Primer (EDP)**

2113
 2114 "Electrodeposition primer" or "EDP" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a
 2115 process of applying a protective, corrosion-resistant waterborne primer on exterior and interior
 2116 surfaces that provides thorough coverage of recessed areas. It is a dip coating method that uses
 2117 an electrical field to apply or deposit the conductive coating onto the part. The object being
 2118 painted acts as an electrode that is oppositely charged from the particles of paint in the dip tank.
 2119 Electrodeposition primer is also referred to as E-Coat, Uni-Prime, and ELPO Primer.

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1883 Electromagnetic Interference/Radio Frequency Interference (EMI/RFI) Shielding Coatings

"Electromagnetic interference/radio frequency interference coatings" or "EMI/RFI coatings" means:

- a) ~~Before~~Prior to May 1, 2012, coatings used on business machine plastic housings to attenuate electromagnetic and radio frequency interference signals that would otherwise pass through the plastic housing;
- b) On and after May 1, 2012, coatings used on electrical or electronic equipment to provide shielding against electromagnetic interference, radio frequency interference, or static discharge.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1885 Electronic Component

"Electronic ~~component~~Component" means, for ~~the purposes of~~ 35 Ill. Adm. Code 218.182(f), 219.182(f), 218.187, and 219.187, all portions of an electronic assembly, including, ~~but not limited to,~~ circuit board assemblies, printed wire assemblies, printed circuit boards, soldered joints, ground wires, bus bars, and associated electronic component manufacturing equipment such as screens and filters, except for the actual cabinet ~~housing in which~~ the components ~~are housed~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1890 Electrostatic Bell or Disc Spray

"Electrostatic bell or disc spray" means an electrostatic spray coating method in which a ~~rapidly spinning~~rapidly spinning bell- or disc-shaped applicator is used to create a fine mist and apply the coating with high transfer efficiency.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1900 Electrostatic Prep Coat

"Electrostatic prep coat" means a coating that is applied to a plastic part solely to provide conductivity for the subsequent application of a prime coat, a topcoat, or other coating ~~using through the use of~~ electrostatic application methods. An electrostatic prep coat is clearly

2163 identified as an electrostatic prep coat on its accompanying material safety data sheet.

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2165 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2166

2167 **Section 211.1920 Emergency or Standby Unit**

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2169 "Emergency or ~~standby unit~~**Standby Unit**" means, for a stationary gas turbine or a stationary
2170 reciprocating internal combustion engine, a unit that:

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2172 a) Supplies power for the source at which it is located but operates only when the
2173 normal supply of power has been rendered unavailable by circumstances beyond
2174 the control of the owner or operator of the source and only as necessary to assure
2175 the availability of the engine or turbine. An emergency or standby unit may not
2176 be operated to supplement a primary power source when the load capacity or
2177 rating of the primary power source has been reached or exceeded;

2178

2179 b) Operates exclusively for firefighting, ~~or~~ flood control, or both;

2180

2181 c) Operates in response to and during the existence of any officially declared disaster
2182 or state of emergency; ~~or~~

2183

2184 d) Operates for ~~the purpose of~~ testing, repair, or routine maintenance to verify its
2185 readiness for emergency or standby use.

2186

2187 ~~Despite~~**Notwithstanding** any other subsection in this Section, emergency or standby units may
2188 operate an additional 50 hours per year in non-emergency situations.

2189

2190 The term does not include equipment used for purposes other than emergencies, ~~as~~ described
2191 above, such as to supply power during high electric demand days.

2192

2193 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2194

2195 **Section 211.1930 Emission Rate**

2196

2197 "Emission rate" means, if not otherwise stated in a specific provision, the total quantity of a
2198 particular specified air contaminant discharged into the atmosphere in any one-hour period. For
2199 example, if not otherwise specified in 35 Ill. Adm. Code 218 or 219, emission rate means the
2200 total quantity of ~~VOM~~**volatile organic material** discharged into the atmosphere in any one-hour
2201 period.

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2203 (Source: Amended at 50 Ill. Reg. _____, effective _____)

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2205 **Section 211.1970 Enamel**

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"Enamel" means a coating that cures by chemical cross-linking of its base resin. Enamels ~~differean be distinguished~~ from lacquers because enamels are not readily resoluble in their original solvent.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.1990 Enclose

"Enclose" means, for ~~purpose of~~ 35 Ill. Adm. Code 215.481(c), 215.482(b), 218.481(c), 218.482(b), 219.481(c), and 219.482(b), to cover any ~~VOL~~ ~~volatile organic liquid~~ surface that is exposed to the atmosphere.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2030 Enhanced Under-the-Cup Fill

"Enhanced under-the-cup fill" means an improved under-the-cup technique, such as ~~using use of~~ Kartridg Pak Low Pressure Sequencing Springs ~~in conjunction~~ with process temperature gradient control, which forces most propellant which would otherwise remain in the headspace of the fill machine fitting into the aerosol can by using ~~either~~ a compressed non-VOM gas, such as nitrogen or ~~vaporizing vaporization of~~ the propellant itself. Enhanced under-the-cup fill may require ~~adjusting adjustment of~~ the fill machine to reduce the hold-down pressure on the cup during the period in the filling cycle when remaining propellant in the fitting is forced into the can.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2040 Etching Filler

"Etching filler" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating that contains less than 23% ~~percent~~ solids by weight and at least 0.50% ~~percent~~ acid by weight, and is used instead of applying a pretreatment coating followed by a primer.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2055 Ethylene Propylenediene Monomer (EPDM) Roof Membrane

"Ethylene propylenediene monomer roof membrane" or "EPDM roof membrane" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a prefabricated single sheet of elastomeric material composed of ethylene propylenediene monomer and that is ~~field-applied~~ ~~field applied~~ to a building roof using one layer or membrane material.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 211.2070 Excess Air

"Excess air" means air supplied in addition to the theoretical quantity necessary for complete combustion of all fuel, ~~and/or~~ combustibile waste material, or both.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2090 Excessive Release

"Excessive release" means, for ~~purposes of~~ 35 Ill. Adm. Code 215.144, 218.144, and 219.144, a discharge of more than 295 g (0.65 lbs) of mercaptans, ~~and/or~~ hydrogen sulfide, or both into the atmosphere in any 5-~~min~~minute period.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2180 Exterior Primer for Large Commercial Aircraft

"Exterior primer for large commercial aircraft" means an aerospace primer manufactured for non-military use and; applied to an aircraft of more than 110,000 lbs pounds maximum certified take-off weight, ~~manufactured for non-military use~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2190 External Floating Roof

"External floating roof" means a cover over an ~~open-top~~open top storage tank consisting of a double deck or pontoon single deck, which rests upon and is supported by the VOL volatile ~~organic liquid~~ being contained and is equipped with a closure seal or seals to close the space between the roof edge and tank shell.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2200 Extreme High-Gloss Coating

"Extreme high-gloss coating" means:

- a) For ~~purposes of~~ 35 Ill. Adm. Code 218.204(q)(1) and 219.204(q)(1) regarding metal parts and products coatings, a coating that, when tested by ASTM D523-14 (2018)ASTM D 523-80, incorporated by reference in 35 Ill. Adm. Code Section 211.101(a)(3) of this Part, shows a reflectance of 75% or more on a 60° meter;

2291 b) For ~~purposes of~~ 35 Ill. Adm. Code 218.204(q)(5) and 219.204(q)(5) regarding
2292 ~~pleasure craft coatings~~, any coating that achieves greater than 90% ~~percent~~
2293 reflectance on a 60° meter when tested using ASTM D523-14 (2018) ~~ASTM D~~
2294 523-89, incorporated by reference in 35 Ill. Adm. Code ~~Section~~ 211.101(a)(3) ~~of~~
2295 ~~this Part~~.

2296
2297 (Source: Amended at 50 Ill. Reg. _____, effective _____)
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2299 **Section 211.2210 Extreme Performance Coating**

2300
2301 "Extreme performance coating" means:

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2303 a) Except for ~~purposes of~~ 35 Ill. Adm. Code 218.204(q) or 219.204(q), any coating
2304 ~~that during intended use is exposed~~ during intended use to any or all of the
2305 following: ambient weather conditions, temperatures consistently above 95 °C
2306 (203 °F) ~~95°C (203°F)~~, detergents, abrasive and scouring agents, solvents, or
2307 corrosive atmospheres.;

2308
2309 b) For ~~purposes of~~ 35 Ill. Adm. Code 218.204(q) and 219.204(q), a coating used on a
2310 metal or plastic surface where the coated surface meets; in its intended use; one or
2311 more of the criteria ~~listed~~ below. Extreme performance coatings include, ~~but are~~
2312 ~~not limited to~~, coatings applied to locomotives, railroad cars, farm machinery, and
2313 heavy-duty ~~heavy-duty~~ trucks:

- 2314
2315 1) Chronic exposure to corrosive, caustic, or acidic agents, chemicals,
2316 chemical fumes, chemical mixtures, or solutions;
2317
2318 2) Repeated exposure to temperatures exceeding 121 °C (250 °F) ~~in excess of~~
2319 121°C (250°F); or
2320
2321 3) Repeated heavy abrasion, including mechanical wear and repeated
2322 scrubbing with industrial grade solvents, cleansers, or scouring agents.

2323
2324 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2325

2326 **Section 211.2230 Fabric Coating**

2327
2328 "Fabric coating" means any protective, decorative, or functional coating which is applied onto or
2329 impregnated into a textile fabric which is delivered to the coating line as a roll, unwound, and
2330 coated as a continuous substrate.

2331
2332 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2333

2334 **Section 211.2250 Fabric Coating Line**

2335

2336 "Fabric coating line" means a coating line in which any protective, decorative, or functional
2337 coating is applied onto or impregnated into a textile fabric which is delivered to the coating line
2338 as a roll, unwound, and coated as a continuous substrate.

2339

2340 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2341

2342 **Section 211.2270 Federally Enforceable Limitations and Conditions**

2343

2344 "Federally enforceable limitations and conditions" means all limitations and conditions ~~which~~
2345 ~~are~~ enforceable by the Administrator of the USEPA, including ~~those~~ requirements developed
2346 ~~underpursuant to~~ 40 CFR Parts 60 and 61; requirements within any applicable implementation
2347 plan; and any permit requirements established ~~underpursuant to~~ 40 CFR 52.21 or 40 CFR 52.737
2348 or under regulations approved ~~underpursuant to 40 CFR Part 51 Subpart I,~~ 40 CFR 51.166 and
2349 40 CFR Part 70.

2350

2351 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2352

2353 **Section 211.2285 Feed Mill**

2354

2355 "Feed mill" means a source or equipment at a source that produces food, including premixes,
2356 supplements, and concentrates, for animal (non-human) consumption from grain, grain
2357 byproducts, or alfalfa and other ingredients, without cooking, but ~~excluding~~~~not including~~ wet or
2358 dry corn mills, soybean mills, flour mills, and ethanol plants.

2359

2360 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2361

2362 **Section 211.2300 Fill**

2363

2364 "Fill" ~~means,~~ for ~~purposes of~~ 35 Ill. Adm. Code 218.119 through 218.129 and 219.119 through
2365 219.129, ~~introducing means the introduction of~~ VOL into a storage vessel but not necessarily to
2366 complete capacity.

2367

2368 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2369

2370 **Section 211.2310 Final Repair Coat**

2371

2372 "Final repair coat" means:

2373

2374 a) ~~For~~ ~~With respect to automobile or light-duty truck assembly or manufacturing~~
2375 ~~described in~~ 35 Ill. Adm. Code 215.204(a), 218.204(a)(1), and
2376 219.204(a)(1)~~218.219(a)(1)~~, a coating that is used to repaint topcoat that is

2377 damaged during vehicle assembly;

- 2378
- 2379 b) ~~For~~ With respect to automobile or light-duty truck assembly or manufacturing
 2380 ~~described in~~ 35 Ill. Adm. Code 218.204(a)(2) and 219.204(a)(2)~~218.219(a)(2)~~, a
 2381 coating applied to completely assembled motor vehicles or to parts that are not yet
 2382 on a completely assembled vehicle to correct damage or imperfections in the
 2383 coating. Curing~~The curing of~~ the coatings applied in these operations is
 2384 accomplished at a lower temperature than that used for curing primer surfacer and
 2385 topcoat.

2386

2387 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2388

2389 **Section 211.2320 Finish Primer Surfacer**

2390

2391 "Finish primer surfacer" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating
 2392 applied with a wet film thickness of less than 10 mils before~~prior to the application of~~ a topcoat
 2393 to provide for purposes of providing corrosion resistance, adhesion of subsequent coatings, or a
 2394 moisture barrier, or promote~~promotion of~~ a uniform surface necessary for filling in surface
 2395 imperfections.

2396

2397 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2398

2399 **Section 211.2340 Fire-Resistant Interior Coating**

2400

2401 "Fire-resistant interior coating" means:

- 2402
- 2403 a) ~~For~~ civilian aircraft, fire-resistant interior coatings used on passenger cabin
 2404 interior parts that are subject to the Federal Aviation Administration
 2405 fireworthiness requirements.;
- 2406
- 2407 b) ~~For~~ military aircraft, fire-resistant interior coatings used on parts subject to the
 2408 flammability requirements of military specifications for aircraft.;
- 2409
- 2410 c) ~~For~~ space applications, fire-resistant interior coatings used on parts subject to
 2411 NASA flammability requirements for space shuttles and space stations.

2412

2413 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2414

2415 **Section 211.2357 Flat Glass**

2416

2417 "Flat glass" means, for 35 Ill. Adm. Code~~purposes of Part~~ 217, glass made of soda-lime recipe
 2418 and produced into continuous flat sheets and other products listed in Standard Industrial
 2419 Classification 3211.

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2358 Flat Wood Paneling

"Flat ~~wood paneling~~Wood Paneling" means natural finish hardwood plywood panels, hardwood panels with Class II finishes, tileboard, exterior siding, and printed interior panels made of hardwood plywood or thin particleboard.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2359 Flat Wood Paneling Coating Line

"Flat ~~wood paneling coating line~~Wood Paneling Coating Line" means a coating line in which any protective, decorative, or functional coating is applied to flat wood paneling.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2360 Flexible Coating

"Flexible coating" means:

- a) ~~Before~~Prior to May 1, 2012, a paint ~~able~~with the ability to withstand dimensional changes.
- b) On and after May 1, 2012, a coating ~~that is~~ required to comply with engineering specifications for impact resistance, mandrel bend, or elongation as defined by the original manufacturer of the equipment being coated.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2368 Flexible Packaging

"Flexible ~~packaging~~Packaging" means any package or part of a package, the shape of which can be readily changed. Flexible packaging includes, ~~but is not limited to,~~ bags, pouches, liners, and wraps ~~using~~utilizing paper, plastic, film, aluminum foil, metalized or coated paper or film, or any combination of these materials. Shrink-wrap labels or wrappers (but not self-adhesive labels) printed on or in-line with a flexible packaging printing press are also considered to be flexible packaging. Flexible packaging does not include folding cartons, gift wraps, hot stamp foils, wall coverings, vinyl products, decorative laminates, floor coverings, or tissue products.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

2463 **Section 211.2369 Flexible Vinyl**

2464
 2465 "Flexible vinyl" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, non-rigid polyvinyl
 2466 chloride plastic with a ~~5% percent~~ by weight plasticizer content.

2467
 2468 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2469
 2470 **Section 211.2400 Flight Test Coating**

2471
 2472 "Flight test coating" means a coating applied to aircraft other than missiles or single-use aircraft
 2473 ~~before prior to~~ flight testing to protect the aircraft from corrosion and to provide required marking
 2474 during flight test evaluation.

2475
 2476 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2477
 2478 **Section 211.2412 Flush Cleaning at Aerospace Facilities**

2479
 2480 "Flush cleaning at aerospace facilities" means removal of contaminants, such as dirt, grease, oil,
 2481 and coatings, from an aerospace vehicle or component or from coating equipment by passing
 2482 solvent over, into, or through the item being cleaned. The solvent may simply be poured into the
 2483 item being cleaned and then drained, or assisted by air or hydraulic pressure, or by pumping.
 2484 This definition does not include hand-wipe ~~Hand-wipe~~ cleaning operations using in which wiping,
 2485 scrubbing, mopping, or other hand action ~~are used are not included in this definition.~~

2486
 2487 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2488
 2489 **Section 211.2415 Fog Coat**

2490
 2491 "Fog coat" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating that is applied to a
 2492 plastic part for ~~the purpose of~~ color matching without masking a molded-in texture. A fog coat
 2493 must shall not be applied at a thickness of more than 0.5 mm mils of coating solids.

2494
 2495 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2496
 2497 **Section 211.2425 Fossil Fuel-Fired**

2498
 2499 "Fossil fuel-fired" means the combustion of fossil fuel, alone or in combination with any other
 2500 fuel, where fossil fuel actually combusted comprises or is projected to comprise more than 50%
 2501 ~~percent~~ of the annual heat input on a btu basis during any year.

2502
 2503 (Source: Amended at 50 Ill. Reg. _____, effective _____)

2504
 2505 **Section 211.2450 Freeboard Height**

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"Freeboard height" means:

- a) ~~For~~ open top vapor degreasers, the distance from the top of the vapor zone to the top of the degreaser tank, ~~and~~
- b) ~~For~~ cold cleaning degreasers, the distance from the solvent to the top of the degreaser tank.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2470 Fuel Combustion Emission Unit or Fuel Combustion Emission Source

"Fuel combustion emission unit" or "Fuel combustion emission source" means any furnace, boiler, or similar equipment used primarily to produce ~~for the primary purpose of producing~~ heat or power by indirect heat transfer.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2485 Fuel Tank Coating for Aerospace Applications

"Fuel tank coating for aerospace applications" means a coating applied to fuel tank components on an aerospace vehicle to inhibit ~~for the purpose of~~ corrosion, ~~and/or~~ bacterial growth, or both inhibition and to assure sealant adhesion in extreme environmental conditions.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2490 Fugitive Particulate Matter

"Fugitive particulate matter" means any particulate matter emitted into the atmosphere other than through a stack. ~~However, provided that~~ nothing in this definition or in 35 Ill. Adm. Code 212, Subpart K ~~exempts~~ shall exempt any emission unit from ~~complying~~ compliance with otherwise applicable ~~other~~ provisions of 35 Ill. Adm. Code 212 ~~otherwise applicable~~ merely because of the absence of a stack.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2510 Full Operating Flowrate

"Full operating flowrate" means maximum operating capacity of the source, emission unit, or process unit, as applicable.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 211.2525 Gasket/Gasket Sealing Material

"Gasket/gasket sealing material" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a fluid applied to coat a gasket or replace and perform the same function as a gasket, including room temperature vulcanization seal material.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2530 Gas Service

"Gas service" means ~~that~~ the equipment or component contains process fluid ~~that is~~ in the gaseous state at operating conditions.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2550 Gas/Gas Method

"Gas/gas method" means either of two methods relying only on gas phase measurements to determine~~for determining~~ VOM capture efficiency; ~~which rely only on gas phase measurements.~~

- a) Construction~~The first method requires construction~~ of a temporary total enclosure (TTE) to ensure that all would-be fugitive emissions are measured; ~~or-~~
- b) Using~~The second method uses~~ the building or room which houses the coating line, printing line, or other emission unit as an enclosure. This~~The second~~ method requires that all other VOM lines or emission units within the building or room be shut down while the test is performed, but all fans and blowers within the building or room must be operated according to normal procedures.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2610 Gel Coat

"Gel coat" means a resin coating, either pigmented or clear, applied to the surface of a mold; that becomes an integral part of a polyester resin product; and that provides a cosmetic enhancement and improves resistance to degradation from exposure to the elements.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.2615 General Work Surface

2591 "General ~~work surface~~Work Surface" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.187 and
 2592 219.187, an area of a medical device or pharmaceutical manufacturing facility where solvent
 2593 cleaning is performed on work surfaces, but for which cleaning specifications are not required to
 2594 be maintained in ~~compliance~~accordance with criteria and procedures established to meet
 2595 requirements of the United States Food and Drug Administration ~~or~~and/or other applicable
 2596 regulatory agencies with authority over manufacturing operations for medical devices ~~or~~and/or
 2597 pharmaceuticals. General work surfaces ~~do~~shall not include items defined under "Janitorial
 2598 Cleaning".
 2599

(Source: Amended at 50 Ill. Reg. _____, effective _____)

2601
 2602 **Section 211.2622 Glass Bonding Primer**

2603
 2604 "Glass bonding primer" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a primer applied
 2605 to windshield or other glass, or to body openings, to prepare the glass or body opening for
 2606 ~~applying the application of~~ glass bonding adhesives or ~~installing the installation of~~ adhesive
 2607 bonded glass, including glass bonding/cleaning primers that perform both functions (cleaning
 2608 and priming of the windshield or other glass or body openings) ~~before applying~~prior to the
 2609 ~~application of~~ adhesive or ~~installing the installation of~~ adhesive bonded glass.
 2610

(Source: Amended at 50 Ill. Reg. _____, effective _____)

2611
 2612
 2613 **Section 211.2625 Glass Melting Furnace**

2614
 2615 "Glass melting furnace" means, for ~~35 Ill. Adm. Code~~purposes of Part 217, a unit comprising a
 2616 refractory vessel in which raw materials are charged and melted at high temperature to produce
 2617 molten glass.
 2618

(Source: Amended at 50 Ill. Reg. _____, effective _____)

2619
 2620
 2621 **Section 211.2630 Gloss Reducers**

2622
 2623 "Gloss reducers" means a low-gloss coating formulated to eliminate glare ~~for safety purposes~~ on
 2624 interior surfaces of a vehicle ~~for safety purposes under, as specified in the~~ U.S. Department of
 2625 Transportation Motor Vehicle Safety Standards.
 2626

(Source: Amended at 50 Ill. Reg. _____, effective _____)

2627
 2628
 2629 **Section 211.2650 Grain**

2630
 2631 "Grain" means the whole kernel or seed of corn, wheat, oats, soybeans, and any other cereal or
 2632 oil seed plant and the normal fines, dust, and foreign matter which ~~result~~results from harvesting,
 2633 handling, or conditioning. The grain ~~must~~shall be unaltered by grinding or processing.

2634
2635 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2636

2637 **Section 211.2690 Grain-Handling and Conditioning Operation**
2638

2639 "Grain-handling and conditioning operation" means a grain storage facility and its associate
2640 grain transfer, cleaning, drying, grinding, and mixing operations.

2641
2642 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2643

2644 **Section 211.2710 Grain-Handling Operation**
2645

2646 "Grain-handling operation" means any operation where one or more of the following grain-
2647 related processes (other than grain-drying operation, portable grain-handling equipment, and
2648 one-turn storage space, and excluding flour mills and feed mills) are performed: receiving,
2649 shipping, transferring, storing, mixing, or treating ~~of~~ grain or other processes underpursuant to
2650 normal grain operations.

2651
2652 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2653

2654 **Section 211.2730 Green-Tire Spraying**
2655

2656 "Green tire spraying" means ~~the spraying of~~ green tires, both inside and outside, with release
2657 compounds which help remove air from the tire during molding and prevent the tire from
2658 sticking to the mold after curing.

2659
2660 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2661

2662 **Section 211.2770 Gross Heating Value**
2663

2664 "Gross heating value" means amount of heat produced when a unit quantity of fuel is burned to
2665 carbon dioxide and water vapor, and the water vapor condensed as described in ASTM D1826-
2666 94 (2017), D2015-66, D900-55, D1826-64 and D240-19, each D240-64 incorporated by reference
2667 in Section 211.101(a)(3) ~~of this Part~~.

2668
2669 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2670

2671 **Section 211.2795 Hand-Wipe Cleaning Operation at Aerospace Facilities**
2672

2673 "Hand-wipe cleaning at aerospace facilities" means removing contaminants, such as dirt, grease,
2674 oil, and coatings, from an aerospace vehicle or component by physically rubbing it with ~~a~~
2675 material such as a rag, paper, or cotton swab that has been moistened with a cleaning solvent.
2676

2677 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2678

2679 **Section 211.2800 Hardwood Plywood**
2680

2681 "Hardwood ~~plywood~~Plywood" means plywood whose surface layer is a veneer of hardwood.
2682

2683 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2684

2685 **Section 211.2810 Heated Airless Spray**
2686

2687 "Heated airless spray" means an airless spray coating method in which the coating is heated just
2688 ~~before~~prior to application.
2689

2690 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2691

2692 **Section 211.2825 Heat-Resistant Coating**
2693

2694 "Heat-resistant coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating that
2695 must withstand a temperature of at least 204 °C (400 °F)~~204°C (400°F)~~ during normal use.
2696

2697 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2698

2699 **Section 211.2840 Heatset Web Letterpress Printing Line**
2700

2701 "Heatset ~~web letterpress printing line~~Web Letterpress Printing Line" means a letterpress printing
2702 line in which a continuous roll of substrate is fed through the printing press and an oven is used
2703 to solidify the printing inks.
2704

2705 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2706

2707 **Section 211.2870 Heavy Liquid**
2708

2709 "Heavy liquid" means liquid that:
2710

2711 a) ~~Has~~with a true vapor pressure of less than 0.3 kPa (0.04 psi) at 294.3 °K (70
2712 °F)~~294.3°K (70° F)~~ established in a standard reference text or as determined by
2713 ASTM method D 2879-18, D2879-86 (incorporated by reference in 35 Ill. Adm.
2714 Code 218.112 and 219.112);
2715

2716 b) ~~Has or which has~~ 0.1 Reid Vapor Pressure as determined by ASTM method D323-
2717 20a, D323-08 (incorporated by reference in 35 Ill. Adm. Code 218.112 and
2718 219.112); or
2719

2720 c) ~~When~~~~which~~~~when~~ distilled, requires a temperature of ~~421.95 °K (300 °F)~~~~421.95°~~
2721 ~~K (300° F)~~ or greater to recover 10 percent of the liquid as determined by ASTM
2722 method ~~D 86-23a, D86-82~~ (incorporated by reference in 35 Ill. Adm. Code
2723 215.105, 218.112, and 219.112).

2724
2725 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2726

2727 **Section 211.2890 Heavy Metals**

2728
2729 "Heavy metals" means, for ~~the purposes of~~ Section 9.4 of the Act, elemental, ionic, or combined
2730 forms of arsenic, cadmium, mercury, chromium, nickel, and lead.

2731
2732 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2733

2734 **Section 211.2910 Heavy Off-Highway Vehicle Products**

2735
2736 "Heavy off-highway vehicle products" means heavy construction, mining, farming, or material
2737 handling equipment; heavy industrial engines; diesel-electric locomotives and associated power
2738 generation equipment; and the constituent parts of ~~thesueh~~ equipment or engines.

2739
2740 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2741

2742 **Section 211.2930 Heavy Off-Highway Vehicle Products Coating**

2743
2744 "Heavy off-highway vehicle products coating" means any protective, decorative, or functional
2745 coating applied onto the surface of heavy off-highway vehicle products. ~~A~~~~However,~~ a high
2746 temperature aluminum coating ~~applied~~ to a diesel-electric locomotive in Cook County is not a
2747 heavy off-highway vehicle products coating.

2748
2749 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2750

2751 **Section 211.2950 Heavy Off-Highway Vehicle Products Coating Line**

2752
2753 "Heavy off-highway vehicle products coating line" means a coating line in which any protective,
2754 decorative, or functional coating is applied onto the surface of heavy off-highway vehicle
2755 products. ~~Applying~~~~However,~~ ~~application of~~ a high temperature aluminum coating to a diesel-
2756 electric locomotive in Cook County is not a heavy off-highway vehicle products coating line or
2757 part of a heavy off-highway vehicle products coating line.

2758
2759 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2760

2761 **Section 211.2955 High Bake Coating**

2762

2763 "High bake coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating that is
 2764 designed to cure only at temperatures of more than 90 °C (194 °F)~~90°C (194°F)~~.

2765
 2766 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2767

2768 **Section 211.2956 High Build Primer Surfacer**

2769
 2770 "High build primer surfacer" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating
 2771 applied with a wet film thickness of 10 mm mils or more ~~before prior to the application of~~ a
 2772 topcoat ~~to provide for purposes of providing~~ corrosion resistance, adhesion of subsequent
 2773 coatings, ~~or~~ a moisture barrier, or ~~promote promotion of~~ a uniform surface necessary for filling in
 2774 surface imperfections.

2775
 2776 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2777

2778 **Section 211.2958 High Gloss Coating**

2779
 2780 "High gloss coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, any coating that
 2781 achieves at least 85% ~~percent~~ reflectance on a 60° meter when tested using ASTM D523-14
 2782 ~~(2018) Method D 523-89~~, incorporated by reference in Section 211.101~~(a)(3) of this Part~~.

2783
 2784 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2785

2786 **Section 211.2960 High-Performance Architectural Coating**

2787
 2788 "High-performance architectural coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219,
 2789 a coating used to protect architectural subsections and that meets the requirements of the
 2790 American Architectural Manufacturers Association Architectural Aluminum Manufacturer
 2791 Association's publication number AAMA 2604-05 (Voluntary Specification, Performance
 2792 Requirements and Test Procedures for High Performance Organic Coatings on Aluminum
 2793 Extrusions and Panels), incorporated by reference in Section 211.101 ~~of this Part~~, or 2605-05
 2794 (Voluntary Specification, Performance Requirements and Test Procedures for Superior
 2795 Performing Organic Coatings on Aluminum Extrusions and Panels), incorporated by reference in
 2796 Section 211.101 ~~of this Part~~.

2797
 2798 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2799

2800 **Section 211.2965 High Precision Optic**

2801
 2802 "High precision optic ~~Precision-Optic~~" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.187 and
 2803 219.187, an optical element used in an electro-optical device that is designed to sense, detect, or
 2804 transmit light energy, including specific wavelengths of light energy and changes in light energy
 2805 levels.

2806
2807 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2808

2809 **Section 211.2970 High Temperature Aluminum Coating**

2810
2811 "High temperature aluminum coating" means a coating ~~that is~~ certified to withstand a
2812 temperature of 537.8 °C (1000 °F)~~537.8° C (1000° F)~~ for 24 hours.

2813
2814 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2815

2816 **Section 211.2980 High Temperature Coating**

2817
2818 "High temperature coating" means:

2819
2820 a) For ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, ~~"high temperature coating"~~
2821 ~~means~~ a coating ~~that is~~ certified to withstand a temperature of 538 °C (1000 °F)
2822 for 24 hours.

2823
2824 b) For ~~purposes of~~ 35 Ill. Adm. Code 219.204(r), ~~"high temperature coating" means~~
2825 a coating designed to withstand temperatures ~~of~~ more than 177 °C (350 °F).
2826

2827 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2828

2829 **Section 211.2990 High Volume Low Pressure (HVLP) Spray**

2830
2831 "High volume low pressure (HVLP) spray" means equipment used to apply coatings with
2832 ~~means of~~ a spray gun which operates between 0.1 and 10 psig air pressure.

2833
2834 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2835

2836 **Section 211.3010 Hood**

2837
2838 "Hood" means a partial enclosure or canopy for capturing and exhausting with, by means of a
2839 draft, the organic vapors or other fumes produced from a coating line, printing line, or other
2840 emission unit.

2841
2842 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2843

2844 **Section 211.3050 Housekeeping Practices**

2845
2846 "Housekeeping practices" means the~~those~~ activities ~~specifically~~ defined in ~~the list of~~
2847 housekeeping practices developed by the Joint EPA - Industry Task Force and listed~~included~~
2848 herein under 35 Ill. Adm. Code 212.461.

2849
2850 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2851

2852 **Section 211.3090 Indirect Heat Transfer**

2853
2854 "Indirect heat transfer" means transfer of heat in ~~such~~ a way that the source of heat does not
2855 come into direct contact with process materials.

2856
2857 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2858

2859 **Section 211.3095 Indoor Floor Covering Installation Adhesive**

2860
2861 "Indoor floor covering installation adhesive" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and
2862 219, any adhesive intended by the manufacturer for ~~installing use in the installation of~~ wood
2863 flooring, carpet, resilient tile, vinyl tile, vinyl backed carpet, resilient sheet and roll, or artificial
2864 grass. This definition does not include adhesives. Adhesives used to install ceramic tile and
2865 perimeter bonded sheet flooring with vinyl backing onto a non-porous substrate, such as flexible
2866 vinyl, ~~are excluded from this category.~~

2867
2868 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2869

2870 **Section 211.3100 Industrial Boiler**

2871
2872 "Industrial boiler" means, for ~~35 Ill. Adm. Code purposes of Part~~ 217, an enclosed vessel in
2873 which water is heated and circulated either as hot water or as steam for heating, ~~or~~ for power, or
2874 for both. This term does not include a heat recovery steam generator that captures waste heat
2875 from a combustion turbine and boilers serving a generator that has a nameplate capacity greater
2876 than 25 MWe and produces electricity for sale if ~~thesuch~~ boilers meet the applicability criteria
2877 under 35 Ill. Adm. Code 217, Subpart M ~~of Part 217.~~

2878
2879 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2880

2881 **Section 211.3110 Ink**

2882
2883 "Ink" means a coating used in printing, impressing, or transferring words, pictures, designs, or
2884 other images onto a substrate.

2885
2886 (Source: Amended at 50 Ill. Reg. _____, effective _____)
2887

2888 **Section 211.3120 In-Line Repair**

2889
2890 "In-line repair" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, the operation performed
2891 and coatings applied to correct damage or imperfections in the topcoat on parts that are not yet

2892 on a completely assembled vehicle. ~~Curing~~~~The curing~~ of the coatings applied in these operations
 2893 is accomplished at essentially the same temperature as that used for curing the previously applied
 2894 topcoat. "In-line repair" is also referred to as high bake repair or high bake reprocess. In-line
 2895 repair is considered part of the topcoat operation.

2896
 2897 (Source: Amended at 50 Ill. Reg. _____, effective _____)
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2899 **Section 211.3130 In-Process Tank**

2900
 2901 "In-process tank" means, ~~for manufacturing with respect to manufacture of~~ pharmaceuticals, a
 2902 container used for mixing, blending, heating, reacting, holding, crystallizing, evaporating, or
 2903 cleaning operations.

2904
 2905 (Source: Amended at 50 Ill. Reg. _____, effective _____)
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2907 **Section 211.3160 Insulation Covering**

2908
 2909 "Insulation covering" means material ~~that is~~ applied to foam insulation to protect the insulation
 2910 from mechanical or environmental damage.

2911
 2912 (Source: Amended at 50 Ill. Reg. _____, effective _____)
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2914 **Section 211.3190 Internal-Floating Roof**

2915
 2916 "Internal-floating roof" means a cover or roof in a fixed-roof tank which rests upon and is
 2917 supported by the ~~VOL~~~~volatile organic liquid~~ being contained and is equipped with a closure seal
 2918 or seals to close the space between the roof edge and tank shell.

2919
 2920 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 2921

2922 **Section 211.3215 Janitorial Cleaning**

2923
 2924 "Janitorial ~~cleaning~~~~Cleaning~~" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.187 and 219.187,
 2925 ~~the cleaning of~~ building or facility components, including, ~~but not limited to,~~ floors, ceilings,
 2926 walls, windows, doors, stairs, bathrooms, furnishings, and exterior surfaces of office equipment.
 2927 ~~The definition, and~~ excludes ~~the cleaning of~~ work areas where manufacturing or repair activity is
 2928 performed.

2929
 2930 (Source: Amended at 50 Ill. Reg. _____, effective _____)
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2932 **Section 211.3230 Lacquers**

2933
 2934 "Lacquers" means:

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a) ~~For, with respect to~~ coating of wood furniture, any clear wood finishes formulated, with nitrocellulose or synthetic resins, to dry by evaporation without chemical reaction, including clear lacquer sanding sealers.

b) For ~~purposes of~~ 35 Ill. Adm. Code 219.204(r), "~~lacquers~~" means a clear or pigmented coating formulated, with a nitrocellulose or synthetic resin, to dry by evaporation without a chemical reaction. Lacquers are resoluble in their original solvent.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3240 Laminate

"Laminate" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a product made by bonding together two or more layers of material.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3270 Large Appliance Coating

"Large appliance coating" means any protective, decorative, or functional coating applied onto the surface of large appliances or to the constituent metal parts of large appliances, ~~(including, but not limited to,~~ doors, cases, lids, panels, and interior support parts) ~~of large appliances~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3290 Large Appliance Coating Line

"Large appliance coating line" means a coating line in which any protective, decorative, or functional coating is applied onto the surface of large appliances or to the constituent metal parts of large appliances, ~~(including but not limited to~~ doors, cases, lids, panels, and interior parts) ~~of large appliances~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3305 Letterpress Printing Line

"Letterpress Printing Line" means a web or sheetfed printing line that does not constitute a flexographic printing line, in which the image area is raised relative to the non-image area, and the ink is transferred to the substrate directly from the image surface.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 211.3330 Light-Duty Truck

"Light-duty truck" means any motor vehicle with a gross vehicle weight rating of 3,850 kg or less, designed mainly to transport property.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3355 Lime Kiln

"Lime kiln" means, for ~~35 Ill. Adm. Code purposes of Part~~ 217, an enclosed combustion device used to calcine lime mud, which consists primarily of calcium carbonate, into calcium oxide.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3360 Limited Access Space

"Limited access space" means internal surfaces or passages of an aerospace vehicle or component that cannot be reached to apply coatings without the aid of an airbrush or a spray gun extension ~~for the application of coatings~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3370 Liquid/Gas Method

"Liquid/gas method" means either of two methods ~~requiring for determining VOM capture efficiency which require~~ both gas phase and liquid phase measurements and analysis to determine VOM capture efficiency:-

- a) ~~Constructing The first method requires construction of~~ a temporary total enclosure (TTE) to ensure that all would-be fugitive emissions are measured; ~~or-~~
- b) ~~Using The second method uses~~ the building or room housing which houses the coating line, printing line, or other emission unit as an enclosure. ~~This The second~~ method requires that all other VOM lines or emission units within the building or room be shut down while the test is performed, but all fans and blowers within the building or room must be operated according to normal procedures.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3410 Liquid Service

"Liquid service" means ~~that~~ the equipment or component contains process fluid ~~that is~~ in a liquid

3021 state at operating conditions.

3022

3023 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3024

3025 **Section 211.3430 Liquids Dripping**

3026

3027 "Liquids dripping" means any visible leaking from a seal, including spraying, misting, clouding,
3028 and ice formation.

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3030 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3031

3032 **Section 211.3450 Lithographic Printing Line**

3033

3034 "Lithographic printing line" means a web or ~~sheet-fed~~ printing line in which each roll
3035 printer uses a roll ~~on which~~ where both the image and non-image areas are essentially in the same
3036 plane (planographic).

3037

3038 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3039

3040 **Section 211.3475 Load Shaving Unit**

3041

3042 "Load shaving unit" means, for ~~35 Ill. Adm. Code purposes of Part~~ 217, a device used to generate
3043 electricity for sale or use during high electric demand days, including ~~but not limited to~~
3044 stationary reciprocating internal combustion engines or turbines.

3045

3046 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3047

3048 **Section 211.3480 Loading Event**

3049

3050 "Loading event" ~~means an event that~~ begins with ~~the~~ connecting ~~of~~ marine terminal storage tanks
3051 to a marine vessel by ~~means of~~ piping or hoses, ~~and~~ includes ~~transferring the transfer of~~ liquid
3052 from the storage tank into the marine vessel, and ends with ~~the~~ disconnecting ~~of~~ the pipes or
3053 hoses.

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3055 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3056

3057 **Section 211.3483 Long Dry Kiln**

3058

3059 "Long dry kiln" means a kiln 14 feet or larger in outside diameter ~~and~~, 400 feet or larger in
3060 length, which ~~does not preheat~~ employs ~~no preheating of~~ the feed in the cyclone chambers; and
3061 ~~has dry~~ the inlet feed to the kiln ~~is dry~~.

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3063 (Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 211.3485 Long Wet Kiln

"Long wet kiln" means a kiln 14 feet or larger in outside diameter ~~and~~, 400 feet or greater in length, which ~~does not preheat~~~~employs no preheating of~~ the feed in the cyclone chambers; and ~~has slurry~~~~the~~ inlet feed to the kiln ~~is a slurry~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3487 Low-NO_x Burner

"Low-NO_x burner" ~~means for 35 Ill. the purpose of~~ Adm. Code 217.5-Subpart T, a type of cement kiln burner system designed to lower NO_x ~~formation by~~ controlling flame turbulence, delaying fuel/air mixing, and establishing fuel-rich zones for initial combusting, which for firing of solid fuel by a kiln's main burner includes an indirect firing system or comparable technique for the main burner to lower the amount of primary combustion air supplied with the pulverized fuel. In an indirect firing system, one air stream is used to convey pulverized fuel from the grinding equipment, and another air stream is used to supply primary combustion air to the kiln burner with the pulverized fuel, with intermediate storage of the fuel. In contrast, in a direct firing system, the air stream used to convey pulverized coal is then directly used as primary combustion air without any intermediate storage of fuel, resulting in more primary combustion air than with an indirect system.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3490 Low Solvent Coating

"Low solvent coating" means a coating which contains less organic solvent than the conventional coatings used by the industry. Low solvent coatings include water-borne, higher solids, electro-deposition, and powder coatings.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3500 Lubricating Oil

"Lubricating oil" means an oil manufactured from petroleum or used oil for a use other than fuel, including engine oil, gear oil, transmission oil, turbine oil, hydraulic oil, aviation oil, ~~and~~ heat transfer oil, ~~as well as~~ This definition also includes synthetic oils manufactured to serve ~~thesesuch~~ functions, base stock, and additive packages and individual additives for ~~such~~ lubricating oil including viscosity index improvers, dispersants, corrosion inhibitors, antioxidants, detergents, wear inhibitors, friction modifiers, and pour point depressants. This definition does not include, but not including used oil.

3107 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3108

3109 **Section 211.3505 Lubricating Wax/Compound**
3110

3111 "Lubricating wax/compound" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a
3112 protective lubricating material applied to vehicle hubs and hinges.

3113
3114 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3115

3116 **Section 211.3510 Magnet Wire**
3117

3118 "Magnet wire" means aluminum or copper wire which may ~~subsequently~~ be used in an
3119 electromagnetic device.

3120
3121 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3122

3123 **Section 211.3530 Magnet Wire Coating**
3124

3125 "Magnet wire coating" means any electrically insulating varnish or enamel or other protective,
3126 decorative, or functional coating applied onto the surface of magnet wire.

3127
3128 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3129

3130 **Section 211.3550 Magnet Wire Coating Line**
3131

3132 "Magnet wire coating line" means a coating line in which any electrically insulating varnish or
3133 enamel or other protective, decorative, or functional coating is applied onto the surface of
3134 magnet wire.

3135
3136 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3137

3138 **Section 211.3555 Maintenance Cleaning**
3139

3140 "Maintenance ~~cleaning~~ Cleaning" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.187 and
3141 219.187, a solvent cleaning operation or activity carried out to ensure that general work areas
3142 where manufacturing or repair activity is performed remain clean, and to clean tools, machinery,
3143 molds, forms, jigs, and equipment. This definition does not include the cleaning of coatings,
3144 adhesives, or ink application equipment.

3145
3146 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3147

3148 **Section 211.3590 Major Metropolitan Area (MMA)**
3149

3150 "Major Metropolitan Area (MMA)" means any county or group of counties listed in which is
3151 defined by the following Table:

3152 MAJOR METROPOLITAN AREAS (MMAs) IN ILLINOIS (~~MMAs~~)

MMA	COUNTIES INCLUDED IN MMA
Champaign-Urbana	Champaign
Chicago	Cook, Lake, Will, DuPage, McHenry, Kane, Grundy, Kendall, Kankakee
Decatur	Macon
Peoria	Peoria, Tazewell
Rockford	Winnebago
Rock Island – Moline	Rock Island
Springfield	Sangamon
St. Louis (Illinois)	St. Clair, Madison
<u>Bloomington-</u>	McLean
<u>Normal</u> Bloomington—Normal	

3153 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3154 **Section 211.3610 Major Population Area (MPA)**

3155
3156
3157 "Major Population Area (MPA)" means areas of major population concentration in Illinois, as
3158 described below:

3160
3161 The area within the counties of Cook, Lake, DuPage, and; Will; the townships of
3162 Burton, Richmond, McHenry, Greenwood, Nunda, Door, Algonquin, and Grafton
3163 and the municipality of Woodstock, plus a zone extending two miles beyond the
3164 boundary of Woodstock~~said municipality located~~ in McHenry County; the
3165 townships of Dundee, Rutland, Elgin, Plato, St. Charles, Campton, Geneva,
3166 Blackberry, Batavia, Sugar Creek and Aurora ~~located~~ in Kane County; and the
3167 municipalities of Kankakee, Bradley and Bourbonnais, plus a zone extending two
3168 miles beyond the boundaries of thosesaid municipalities in Kankakee County.

3169
3170 The area within the municipalities of Rockford and Loves Park, plus a zone
3171 extending two miles beyond the boundaries of thosesaid municipalities.

3172
3173 The area within the municipalities of Rock Island, Moline, East Moline, Carbon
3174 Cliff, Milan, Oak Grove, Silvis, Hampton, Greenwood, and Coal Valley, plus a
3175 zone extending two miles beyond the boundaries of thosesaid municipalities.

3176
3177 The area within the municipalities of Galesburg and East Galesburg, plus a zone

3178 extending two miles beyond the boundaries of thosesaid municipalities.

3179
3180 The area within the municipalities of Bartonville, Peoria, and Peoria Heights, plus
3181 a zone extending two miles beyond the boundaries of thosesaid municipalities.

3182
3183 The area within the municipalities of Pekin, North Pekin, Marquette Heights,
3184 Creve Coeur and East Peoria, plus a zone extending two miles beyond the
3185 boundaries of thosesaid municipalities.

3186
3187 The area within the municipalities of Bloomington and Normal, plus a zone
3188 extending two miles beyond the boundaries of thosesaid municipalities.

3189
3190 The area within the municipalities of Champaign, Urbana, and Savoy, plus a zone
3191 extending two miles beyond the boundaries of thosesaid municipalities.

3192
3193 The area within the municipalities of Decatur, Mt. Zion, Harristown, and Forsyth,
3194 plus a zone extending two miles beyond the boundaries of thosesaid
3195 municipalities.

3196
3197 The area within the municipalities of Springfield, Leland Grove, Jerome,
3198 Southern View, Grandview, Sherman, and Chatham, plus a zone extending two
3199 miles beyond the boundaries of thosesaid municipalities.

3200
3201 The area within the townships of Godfrey, Foster, Wood River, Fort Russell,
3202 Chouteau, Edwardsville, Venice, Nameoki, Alton, Granite City, and Collinsville
3203 ~~located~~ in Madison County; and the townships of Stites, Canteen, Centreville,
3204 Caseyville, St. Clair, Sugar Loaf, and Stookey ~~located~~ in St. Clair County.

3205
3206 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3207
3208 **Section 211.3620 Manually Operated Equipment**

3209
3210 "Manually operated equipment" means a machine or tool that is handheld, such as a handheld
3211 circular saw or compressed air chisel; a machine or tool where the workpiece is held or
3212 manipulated by hand, such as a bench grinder; a machine or tool where the tool or bit is
3213 manipulated by hand, such as a lathe or drill press; and any dust collection system which is part
3214 of ~~thesuch~~ machine or tool. This definition does not include; but not including any machine or
3215 tool where the extent of manual operation is to control power to the machine or tool orand not
3216 including any central dust collection system serving more than one machine or tool.

3217
3218 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3219
3220 **Section 211.3630 Manufacturing Process**

3221
 3222 "Manufacturing process" means a method ~~through which~~ whereby a process emission unit or
 3223 series of process emission units is used to convert raw materials, feed stocks, subassemblies, or
 3224 other constituent parts into a product, either for sale or for use in a subsequent manufacturing
 3225 process.

3226
 3227 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3228

3229 **Section 211.3665 Mask Coating**

3230
 3231 "Mask coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a thin film coating
 3232 applied through a template to coat a small portion of a substrate.

3233
 3234 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3235

3236 **Section 211.3670 Material Recovery Section**

3237
 3238 "Material recovery section" means, ~~for manufacturing with respect to manufacture of~~ polystyrene
 3239 resin, any equipment designed to transport and recover styrene monomer and other impurities
 3240 from other products and by-products in a polystyrene plant, including ~~but not limited to~~ the
 3241 styrene ~~devolatilizer~~ devolatilizer unit and styrene recovery unit.

3242
 3243 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3244

3245 **Section 211.3690 Maximum Theoretical Emissions**

3246
 3247 "Maximum theoretical emissions" means the quantity of ~~VOM~~ volatile organic material
 3248 emissions that theoretically could be emitted by a stationary source before add-on controls, based
 3249 on the design capacity or maximum production capacity of the source and ~~8,760~~ 8760 hours per
 3250 year. The design capacity or maximum production capacity includes use of coating(s) or ink(s)
 3251 with the highest ~~VOM~~ volatile organic material content actually used in practice by the source;
 3252 ~~provided,~~ however, the Agency must shall, when appropriate, and ~~when upon request by~~ the
 3253 permit applicant requests, limit the "maximum theoretical emissions" of a source by imposing the
 3254 ~~imposition of~~ conditions in a federally enforceable operating permit for ~~the such~~ source.
 3255 ~~These Such~~ conditions must shall not be inconsistent with requirements of the Clean Air Act, as
 3256 amended, or any applicable requirements established by the Board. ~~These Such~~ conditions
 3257 must shall be established in place of design capacity or maximum production capacity in
 3258 calculating the "maximum theoretical emissions" for ~~the such~~ source and may include
 3259 ~~establishing, among other things, the establishment of~~ production limitations, capacity
 3260 limitations, or limitations on the ~~VOM~~ volatile organic material content of coatings or inks, or the
 3261 ~~operating hours of operation~~ of any emission unit, or a combination of ~~these any such~~ limitations.
 3262 Production or capacity limitations must shall be established ~~for on a basis of~~ no longer than one
 3263 month except ~~when in those cases where a limit spanning~~ a longer period of time is appropriate.

In ~~those such~~ cases, a limit or limitation must not exceed an annual limit rolled on a basis of at most a month. ~~For; that is, for~~ example, a monthly production or a capacity level must be determined for each parameter subject to a production or capacity limitation and added to the ~~11~~eleven prior monthly levels for monthly comparison with the annual limit. Any production or capacity limitations ~~must shall~~ be verified through appropriate recordkeeping.

~~BOARD NOTE~~(Board Note: ~~The~~USEPA may deem operating permits not "federally enforceable" if they which do not conform to the operating permit program requirements and ~~the requirements of~~ USEPA's underlying regulations, including the requirement that limitations be quantifiable and enforceable as a practical matter, ~~not "federally enforceable."~~)

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3695 Maximum True Vapor Pressure

"Maximum true vapor pressure" means the equilibrium partial pressure exerted by stored VOL at the temperature equal to the highest calendar-month average of the VOL storage temperature for VOLs stored above or below the ambient temperature or at the local maximum monthly average temperature of ~~75 °F~~75°F for the Chicago area, as defined at 35 Ill. Adm. Code 218.100, or ~~79 °F~~79°F for the Metro-East area, as defined at 35 Ill. Adm. Code 219.100, for VOLs stored at the ambient temperature, as determined:

- a) In ~~compliance accordance~~ with methods ~~described~~ in American Petroleum Institute Manual of Petroleum Measurement Standards Chapter 19.2 Evaporative Loss from Floating-roof Tanks (August 2000)~~bulletin 2517, Evaporation Loss from External Floating Roof Tanks~~, incorporated by reference at 35 Ill. Adm. Code 218.112 and 219.112; or
- b) By ASTM Method ~~D 2879-18~~D2879-83, incorporated by reference at 35 Ill. Adm. Code 218.112(a)(1) and 219.112(a)(1).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3705 Medical Device

"Medical ~~device~~Device" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.187 and 219.187, an instrument, apparatus, implement, machine, contrivance, implant, in vitro reagent, or other similar article, including any component or accessory, that meets one or more of the following conditions:

- a) ~~It~~ is intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of disease;

- 3307 b) ~~It~~ is intended to affect the structure or any function of the body; or
- 3308
- 3309 c) ~~It~~ is defined in the National Formulary or the United States Pharmacopeia, or
- 3310 any supplement to them.
- 3311

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3707 Medical Device and Pharmaceutical Manufacturing

3316 "Medical ~~device~~~~Device~~ and ~~pharmaceutical manufacturing~~ ~~Pharmaceutical Manufacturing~~"
 3317 means, for ~~purposes of~~ 35 Ill. Adm. Code 218.187 and 219.187, the collection of equipment and
 3318 activities to prepare, utilize, maintain, and repair work areas, ~~in order~~ to accomplish one or more
 3319 steps in preparing a medical device or pharmaceutical for its intended use. Manufacturing is
 3320 typically, but not always, conducted in ~~compliance~~~~accordance~~ with criteria and procedures
 3321 established to meet requirements of the United States Food and Drug Administration ~~and/or~~
 3322 other applicable regulatory agencies with authority over manufacturing operations for global
 3323 sales of medical devices ~~and/or~~ pharmaceuticals. Work areas and equipment ~~shall~~ include all
 3324 machinery, tools, equipment, rooms, tables, countertops, and facilities for maintaining employee
 3325 health and safety that are subject to ~~those~~~~such~~ criteria and procedures.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3710 Metal Furniture

3331 "Metal furniture" means a ~~piece of~~ furniture, ~~piece~~ including, ~~but not limited to,~~ tables, chairs,
 3332 waste baskets, beds, desks, lockers, benches, shelving, file cabinets, lamps, and room dividers,
 3333 made in whole or in part of metal.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3730 Metal Furniture Coating

3339 "Metal furniture coating" means any protective, decorative, or functional coating applied onto
 3340 the surface of any metal furniture or any metal part which will be assembled with other metal,
 3341 wood, fabric, plastic, or glass parts to form metal furniture. This definition does not include
 3342 adhesives~~However, an adhesive is not a metal furniture coating.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3750 Metal Furniture Coating Line

3347 "Metal furniture coating line" means a coating line in which any protective, decorative, or
 3348 functional coating is applied onto the surface of any metal furniture or any metal part which will
 3349

3350 be assembled with other metal, wood, fabric, or glass parts to form metal furniture.
 3351 ~~Applying~~ However, application of an adhesive is not a metal furniture coating line or part of a
 3352 metal furniture coating line.

3353
 3354 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3355

3356 **Section 211.3755 Metalized Epoxy Coating**

3357
 3358 "Metalized epoxy coating" means an epoxy coating that contains relatively large quantities of
 3359 metallic pigmentation for appearance, ~~and/or~~ added protection, or both.

3360
 3361 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3362

3363 **Section 211.3760 Metallic Coating**

3364
 3365 "Metallic coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating that contains
 3366 more than 5 grams of pure elemental metal, or a combination of elemental metals, per liter of
 3367 coating as applied.

3368
 3369 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3370

3371 **Section 211.3770 Metallic Shoe-Type Seal**

3372
 3373 "Metallic shoe-type seal" means a primary or secondary seal constructed of metal sheets (shoes)
 3374 ~~which are~~ joined together to form a ring, springs or levers which attach the shoes to the floating
 3375 roof and hold the shoes against the tank wall, and a coated membrane ~~which is~~ suspended from
 3376 the shoes to the floating roof.

3377
 3378 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3379

3380 **Section 211.3775 Metal to Urethane/Rubber Molding or Casting Adhesive**

3381
 3382 "Metal to urethane/rubber molding or casting adhesive" means, for ~~purposes of~~ 35 Ill. Adm.
 3383 Code 218 and 219, any adhesive intended by the manufacturer to bond metal to high density or
 3384 elastomeric urethane or molded rubber materials, in heater molding or casting processes, to
 3385 fabricate products such as rollers for computer printers or other paper handling equipment.

3386
 3387 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3388

3389 **Section 211.3780 Mid-Kiln Firing**

3390
 3391 "Mid-kiln firing" means, for ~~the purposes of~~ 35 Ill. Adm. Code 217.5-Subpart T, a secondary
 3392 firing in a kiln system by injecting fuel at an intermediate point in the kiln system using a

3393 specially designed fuel injection mechanism ~~to decrease for the purposes of decreasing~~ NO_x
3394 emissions through burning part of the fuel at a lower temperature, and reducing conditions at the
3395 fuel injection point that may destroy some of the NO_x formed upstream in the kiln system.
3396

3397 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3398

3399 **Section 211.3785 Military Specification Coating**
3400

3401 "Military specification coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating
3402 that has a formulation approved by a United States military agency for use on military
3403 equipment.
3404

3405 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3406

3407 **Section 211.3790 Miscellaneous Fabricated Product Manufacturing Process**
3408

3409 "Miscellaneous fabricated product manufacturing process" means ~~a:~~ A manufacturing process
3410 involving one or more of the following applications, including any drying and curing of
3411 formulations, and capable of emitting VOM:
3412

3413 a) Adhesives to fabricate or assemble parts or products;
3414

3415 b) Asphalt solutions to paper or fiberboard;
3416

3417 c) Asphalt to paper or felt;
3418

3419 d) Coatings or dye to leather;
3420

3421 e) Coatings to plastic, rubber, or glass;
3422

~~Coatings to rubber or glass;~~
3423

3424 f) Disinfectant material to manufactured items;
3425

3426 g) Plastic foam scrap or "fluff" from the manufacture of foam containers and
3427 packaging material to form resin pellets;
3428

3429 h) Resin solutions to fiber substances;
3430

3431 i) Rubber solutions to molds; or
3432

3433 j) Viscose solutions for food casings.
3434
3435

3436 ~~This definition includes storing~~The storage and handling of formulations ~~associated with the~~
3437 ~~process described above~~ and ~~using~~the use and handling of organic liquids and other substances
3438 for clean-up operations associated with ~~at~~the process described in this definition ~~would be~~
3439 ~~included.~~

3440
3441 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3442

3443 **Section 211.3810 Miscellaneous Formulation Manufacturing Process**~~Poess~~
3444

3445 "Miscellaneous formulation manufacturing process" means ~~a:~~A manufacturing process which
3446 compounds one or more of the following and is capable of emitting VOM:
3447

- 3448 a) Adhesives;
- 3449
- 3450 b) Asphalt solutions;
- 3451
- 3452 c) Caulks, sealants, or waterproofing agents;
- 3453
- 3454 d) Coatings, other than paint and ink;
- 3455
- 3456 e) ~~Concrete-curing~~Concrete-curing compounds;
- 3457
- 3458 f) Dyes;
- 3459
- 3460 g) Friction materials and compounds;
- 3461
- 3462 h) Resin solutions;
- 3463
- 3464 i) Rubber solutions; or
- 3465
- 3466 j) Viscose solutions.
- 3467

3468 ~~This definition includes storing~~The storage and handling of formulations ~~associated with the~~
3469 ~~process described above~~, and ~~using~~the use and handling of organic liquids and other substances
3470 for clean-up operations associated with ~~at~~the process described in this definition ~~would be~~
3471 ~~included.~~

3472
3473 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3474

3475 **Section 211.3820 Miscellaneous Industrial Adhesive Application Operation**
3476

3477 "Miscellaneous industrial adhesive application operation" means, for ~~purposes of~~ Subparts JJ of
3478 35 Ill. Adm. Code 218 and 219, a regularly occurring industrial process consisting of one or

3479 more adhesive applicators and any associated drying area, ~~and/or oven,~~ or both in which an
3480 adhesive is applied, dried, ~~or and/or cured~~ or any combination of these.

3481
3482 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3483
3484 **Section 211.3830 Miscellaneous Metal Parts and Products**

3485
3486 "Miscellaneous metal parts and products" means, ~~for the purpose of~~ 35 Ill. Adm. Code 215.
3487 Subpart F, ~~shall include~~ farm machinery, garden machinery, small appliances, commercial
3488 machinery, industrial machinery, fabricated metal products, and any other industrial category in
3489 which metal parts or products under the Standard Industrial Classification Code for Major
3490 Groups 33, 34, 35, 36, 37, 38, or 39 are coated, ~~except with the exception of~~ the following:
3491 coating lines subject to 35 Ill. Adm. Code 215.204(a) through (i) and (k);
3492 architectural coatings;
3493 automobile or light-duty truck refinishing;
3494 the exterior of marine vessels; and the customized top
3495 coating of automobiles and trucks if production is less than ~~35~~ thirty-five vehicles per day.

3495 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3496
3497 **Section 211.3850 Miscellaneous Metal Parts and Products Coating**

3498
3499 "Miscellaneous metal parts and products coating" means, ~~for purposes of~~ 35 Ill. Adm. Code 218
3500 and 219, any protective, decorative, or functional coating applied onto the surface of any metal
3501 part or metal product, even if attached to or combined with a nonmetal part or product.

3502
3503 a) This definition includes ~~Including~~ underbody anti-chip (e.g., underbody plastisol)
3504 automobile and light-duty truck coatings.

3505
3506 b) This definition does not include ~~Not including~~ the following coatings, which are
3507 subject to separate regulations: can coatings; coil coatings; metal furniture
3508 coatings; large appliance coatings; magnet wire coatings; prime coat, primer
3509 surfacer coat, topcoat, and final repair coat for automobile and light-duty trucks;
3510 and aerospace coatings subject to ~~the requirements of~~ 35 Ill. Adm. Code
3511 219.204(r); ~~and~~

3512
3513 c) This definition does not include ~~Not including~~ the following coatings:
3514 architectural coatings;
3515 automobile or light-duty truck refinishing coatings;
3516 coatings applied to the exterior of marine vessels;
3517 coatings applied to the exterior
3518 of airplanes;
3519 customized topcoat for automobiles and trucks if production is less
3520 than 35 vehicles per day; and high temperature aluminum coating applied to
3521 diesel-electric locomotives in Cook County.

3520 d) For Subparts F of 35 Ill. Adm. Code Parts 218 and 219, the definition does not
3521 include decorative, protective, or functional materials that consist only of

protective oils for metal, acids, bases, or any combination of these substances. For this purpose, "protective oil" means an organic material that is applied to metal for providing lubrication or protection from corrosion without forming a solid film, and includes lubricating oils, evaporative oils (including those that evaporate completely), and extrusion oils. Protective oils used on miscellaneous metal parts and products include magnet wire lubricants and soft temporary protective coatings that are removed before installation or further assembly of a part or component.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3870 Miscellaneous Metal Parts or Products Coating Line

"Miscellaneous metal parts or products coating line" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating line in which any protective, decorative, or functional coating is applied onto the surface of any metal part or metal product, even if attached to or combined with a nonmetal part or product.;

a) This definition includes~~Including~~ underbody anti-chip (e.g., underbody plastisol) automobile and light-duty truck coatings.;

b) This definition does not include~~Not including~~ the following coatings, which are subject to separate regulations: can coatings; coil coatings; metal furniture coatings; large appliance coatings; magnet wire coatings; prime coat, primer surfacer coat, topcoat, and final repair coat for automobile and light-duty trucks; and aerospace coatings subject to ~~the requirements of~~ 35 Ill. Adm. Code 219.204(r).; ~~and~~

c) This definition does not include~~Not including~~ the following coatings: architectural coatings.;; automobile or light-duty truck refinishing coatings.;; coatings; applied to the exterior of marine vessels.;; coatings applied to the exterior of airplanes.;; customized topcoat for automobiles and trucks if production is less than 35 vehicles per day.;; and high temperature aluminum coating applied to diesel-electric locomotives in Cook County.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.3890 Miscellaneous Organic Chemical Manufacturing Process

"Miscellaneous organic chemical manufacturing process" means ~~a~~ A manufacturing process which produces; by chemical reaction; one or more of the following organic compounds or mixtures of organic compounds and ~~which~~ is capable of emitting VOM~~volatile organic material (VOM)~~:

- 3565
- 3566 a) Chemicals listed in Appendix A of 35 Ill. Adm. Code 215, 218, or 219, as
- 3567 applicable;
- 3568
- 3569 b) Chlorinated and sulfonated compounds;
- 3570
- 3571 c) Cosmetic, detergent, soap, or surfactant intermediaries or specialties and
- 3572 products;
- 3573
- 3574 d) Disinfectants;
- 3575
- 3576 e) Food additives;
- 3577
- 3578 f) Oil and petroleum product additives;
- 3579
- 3580 g) Plasticizers;
- 3581
- 3582 h) Resins or polymers;
- 3583
- 3584 i) Rubber additives;
- 3585
- 3586 j) Sweeteners; or
- 3587
- 3588 k) Varnishes.
- 3589

3590 This definition includes storing~~The storage~~ and handling ~~of formulations associated with the~~
3591 ~~process described above~~ and using the use and handling ~~of~~ organic liquids and other substances
3592 for clean-up operations associated with at the process described in this definition ~~would be~~
3593 ~~included.~~

3594
3595 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3596 3597 **Section 211.3915 Mobile Equipment**

3598
3599 "Mobile equipment" means any equipment which may be drawn or is capable of being driven on
3600 a roadway, other than motor vehicles, including, ~~but not limited to~~ truck or automobile trailers,
3601 farm machinery, construction equipment, street cleaners, and golf carts.

3602
3603 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3604 3605 **Section 211.3925 Mold Seal Coating**

3606

3607 "Mold seal coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, the initial coating
 3608 applied to a new mold or a repaired mold to provide a smooth surface that, when coated with a
 3609 mold release coating, prevents products from sticking to the mold.

3610
 3611 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3612

3613 **Section 211.3961 Motor Vehicle Adhesive**

3614
 3615 "Motor vehicle adhesive" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, an adhesive,
 3616 including glass bonding adhesive, used at a facility that is not an automobile or light-duty truck
 3617 assembly coating facility, applied ~~to bond for the purpose of bonding~~ two vehicle surfaces
 3618 together without regard to the substrates involved.

3619
 3620 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3621

3622 **Section 211.3965 Motor Vehicle Refinishing**

3623
 3624 "Motor vehicle refinishing" means any application of coatings to motor vehicles, mobile
 3625 equipment, or their parts and components ~~after, which is subsequent to~~ the original coating
 3626 ~~application applied~~ at an original equipment manufacturing plant.

3627
 3628 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3629

3630 **Section 211.3966 Motor Vehicle Weatherstrip Adhesive**

3631
 3632 "Motor vehicle weatherstrip adhesive" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, an
 3633 adhesive, used at a facility that is not an automobile or light-duty truck assembly coating facility,
 3634 applied to weatherstripping materials ~~to bond for the purpose of bonding~~ the weatherstrip material
 3635 to the surface of the vehicle.

3636
 3637 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3638

3639 **Section 211.3967 Mouth Waterproofing Sealant**

3640
 3641 "Mouth waterproofing sealant" means, ~~for purposes of 35 Ill. Adm. Code 218.204(q)(1) and~~
 3642 ~~219.204(q)(1)~~, a coating applied in the manufacture of ammunition to provide a waterproof
 3643 barrier between a shellcase mouth and bullet.

3644
 3645 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3646

3647 **Section 211.3968 Multi-Colored Coating**

3648

3649 "Multi-colored coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating that
 3650 exhibits more than one color when applied, and which is packaged in a single container and
 3651 applied in a single coat.

3652
 3653 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3654

3655 **Section 211.3969 Multi-Component Coating**

3656
 3657 "Multi-component coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating
 3658 requiring the addition of a separate reactive resin, commonly known as a catalyst or hardener,
 3659 before application to form an acceptable dry film.

3660
 3661 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3662

3663 **Section 211.3970 Multiple Package Coating**

3664
 3665 "Multiple package coating" means a coating made from more than one different ingredient which
 3666 must be mixed ~~before prior to~~ using and has a limited pot life due to the chemical reaction which
 3667 occurs upon mixing.

3668
 3669 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3670

3671 **Section 211.3975 Multipurpose Construction Adhesive**

3672
 3673 "Multipurpose construction adhesive" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219,
 3674 any adhesive used to install or repair ~~in the installation or repair of~~ various construction materials,
 3675 including ~~but not limited to~~ drywall, subfloor, panel, fiberglass reinforced plastic (FRP), ceiling
 3676 tile, and acoustical tile.

3677
 3678 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3679

3680 **Section 211.3980 Nameplate Capacity**

3681
 3682 "Nameplate capacity" means the maximum electrical generating output (in MWe) that a
 3683 generator can sustain over a specified period of time when not restricted by seasonal or other
 3684 deratings, as measured in compliance ~~accordance~~ with ~~the~~ United States Department of Energy
 3685 standards.

3686
 3687 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 3688

3689 **Section 211.3985 Natural Finish Hardwood Plywood Panel**

3690

3691 "Natural ~~finish hardwood plywood panel~~~~Finish Hardwood Plywood Panel~~" means a panel whose
3692 original grain pattern is enhanced by essentially transparent finishes frequently supplemented by
3693 filters and toners.

3694
3695 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3696

3697 **Section 211.4030 No Detectable Volatile Organic Material Emissions**
3698

3699 "No detectable volatile organic material emissions" means a discharge of ~~VOM~~~~volatile organic~~
3700 ~~material~~ into the atmosphere ~~as~~ indicated by an instrument reading of less than 500 ppm above
3701 background, as determined in ~~compliance~~~~accordance~~ with 40 CFR 60.485(c), (incorporated by
3702 reference in 35 Ill. Adm. Code 215.105, 218.112, and 219.112).

3703
3704 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3705

3706 **Section 211.4050 Non-Contact Process Water Cooling Tower**
3707

3708 "Non-contact process water cooling tower" means a ~~tower-like~~~~towerlike~~ device in which water is
3709 cooled by contact with atmospheric air and evaporation, where ~~the such~~ water has been or will be
3710 used for cooling ~~of~~ a process stream where VOM is present without intentional direct contact of
3711 the cooling water and process stream.

3712
3713 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3714

3715 **Section 211.4052 Non-Convertible Coating**
3716

3717 "Non-convertible coating" means, for ~~purposes of~~ Section 211.1877, a coating that dries by
3718 solvent evaporation with no change in the chemical nature of the binder. The coating remains
3719 soluble in the original solvent after drying.

3720
3721 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3722

3723 **Section 211.4066 Nonstructural Adhesive for Aerospace Applications**
3724

3725 "Nonstructural adhesive for aerospace applications" means an adhesive that bonds ~~non-~~
3726 ~~loadbearing~~~~nonload-bearing~~ aerospace components in noncritical applications and is not
3727 ~~included~~~~covered~~ in any other specialty adhesive categories ~~listed~~ in 35 Ill. Adm. Code
3728 219.204(r)(2).

3729
3730 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3731

3732 **Section 211.4067 NO_x Trading Program**
3733

3734 ~~For the purposes of 35 Ill. Adm. Code 217, Subparts U and W, the "NO_x Trading Program"~~
 3735 ~~means, for 35 Ill. Adm. Code 217. Subpart U and W, shall mean~~ the requirements of 35 Ill. Adm.
 3736 ~~Code 217. Subpart, Subparts U and W; and the~~ those provisions of the federal NO_x Trading
 3737 Program, 40 CFR 96, incorporated by reference at 35 Ill. Adm. Code 217.104 ~~therein.~~

3738
 3739 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3740
 3741 **Section 211.4070 Offset**

3742
 3743 "Offset" means, ~~for with respect to~~ printing, use of a blanket cylinder to transfer ink from the
 3744 plate cylinder to the surface to be printed.

3745
 3746 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3747
 3748 **Section 211.4080 One-Component Coating**

3749
 3750 "One-component coating" means, ~~for purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating that
 3751 is ready for application as it comes out of its container to form an acceptable dry film. A thinner
 3752 added to a coating to reduce the viscosity is not considered a component, and ~~therefore~~ does not
 3753 ~~affect~~ impact the coating's classification as a one-component coating or multi-component coating.

3754
 3755 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3756
 3757 **Section 211.4090 One Hundred Percent Acid**

3758
 3759 "One hundred percent acid" means, ~~for with respect to~~ sulfuric and nitric acids, acid with a
 3760 specific gravity of 1.8205 at 30 °C ~~for 30° C in the case of~~ sulfuric acid and 1.4952 at 30 °C
 3761 ~~for 30° C in the case of~~ nitric acid.

3762
 3763 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3764
 3765 **Section 211.4110 One-Turn Storage Space**

3766
 3767 "One-turn storage space" means ~~that~~ space used to store grain with a total annual through-put not
 3768 ~~exceeding in excess of~~ the total bushel storage of that space.

3769
 3770 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3771
 3772 **Section 211.4130 Opacity**

3773
 3774 "Opacity" means ~~the~~ that fraction of light, expressed in percent, which, when transmitted from a
 3775 source through a smoke-obscured path, is prevented from reaching the observer or instrument
 3776 receiver.

3777
3778 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3779

3780 **Section 211.4210 Operator of a Gasoline Dispensing Operation or Operator of a Gasoline**
3781 **Dispensing Facility**

3782
3783 "Operator of gasoline dispensing operation" or "Operator of a gasoline dispensing facility"
3784 means any person who is the lessee of or operates, controls, or supervises a gasoline dispensing
3785 operation or a gasoline dispensing facility.

3786
3787 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3788

3789 **Section 211.4220 Optical Coating**

3790
3791 "Optical coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating applied to an
3792 optical lens.

3793
3794 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3795

3796 **Section 211.4250 Organic Material and Organic Materials**

- 3797
3798 a) "Organic materials" means, for ~~the purposes of~~ Section 9.4 of the Act, any
3799 chemical compound of carbon, including diluents and thinners which are liquids
3800 at standard conditions and which are used as solvents, viscosity reducers, or
3801 cleaning agents, including polychlorinated dibenzo-p-dioxins, polychlorinated
3802 dibenzofurans, and polynuclear aromatic hydrocarbons, but excluding methane,
3803 carbon monoxide, carbon dioxide, carbonic acid, metallic carbonic acid, metallic
3804 carbide, metallic carbonates, and ammonium carbonate ~~are not organic materials~~.
3805
3806 b) "Organic material" means, for ~~the purpose of~~ 35 Ill. Adm. Code 201, 211, 215,
3807 218, and 219, any chemical compound of carbon, including diluents and thinners
3808 which are liquids at standard conditions and which are used as solvents,
3809 viscosity reducers, or cleaning agents, but excluding methane, acetone, carbon
3810 monoxide, carbon dioxide, carbonic acid, metallic carbonic acid, metallic carbide,
3811 metallic carbonates, and ammonium carbonate.

3812
3813 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3814

3815 **Section 211.4260 Organic Solvent**

3816
3817 "Organic solvent" means a solvent that consists of organic mineral spirits, methyl ethyl ketone,
3818 ethanol, ether, toluene, or other organic materials other than soap, detergent, surfactants,
3819 lubricating oil, wax, vegetable oil, grease, glycerin, or animal fat. For ~~purposes of~~ 35 Ill. Adm.

3820 Code 201.5-Subpart F, a solvent which is a mixture ~~is~~ shall be an organic solvent if it contains
3821 more than 5% ~~percent~~ by volume of ~~such~~ organic materials.

3822
3823 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3824
3825 **Section 211.4280 Other Glass**

3826
3827 "Other glass" means, for ~~35 Ill. Adm. Code purposes of Part~~ 217, glass that is neither container
3828 glass, as ~~that term is~~ defined in Section 211.1435, nor flat glass, as ~~that term is~~ defined in Section
3829 211.2357.

3830
3831 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3832
3833 **Section 211.4285 Outdoor Floor Covering Installation Adhesive**

3834
3835 "Outdoor floor covering installation adhesive" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and
3836 219, any adhesive intended by the manufacturer for ~~installing use in the installation of~~ floor
3837 covering that is not in an enclosure and that is exposed to ambient weather conditions during
3838 normal use.

3839
3840 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3841
3842 **Section 211.4290 Oven**

3843
3844 "Oven" means, ~~for with respect to~~ a coating line or printing line, a chamber within which heat is
3845 used to dry, bake, cure, or polymerize a coating or ink, or any combination of these uses ~~for one~~
3846 ~~or more of the following purposes: dry, bake, cure, or polymerize a coating or ink.~~

3847
3848 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3849
3850 **Section 211.4370 Owner or Operator**

3851
3852 "Owner or operator" means any person who owns, operates, leases, controls, or supervises a
3853 source, an emission unit, or air pollution control equipment.

3854
3855 (Source: Amended at 50 Ill. Reg. _____, effective _____)

3856
3857 **Section 211.4390 Packaging Rotogravure Printing**

3858
3859 "Packaging rotogravure printing" means rotogravure printing upon paper, paper board, metal
3860 foil, plastic film, and other substrates, which are, in subsequent operations, formed into
3861 packaging products or labels for articles to be sold.

3862

3863 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3864

3865 **Section 211.4430 Pail**
3866

3867 "Pail" means any cylindrical shipping container of 1_ to 12-gallon capacity and constructed of
3868 29-gauge and heavier material.

3869 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3870

3871 **Section 211.4455 Pan-Backing Coating**
3872

3873 "Pan-backing coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating applied
3874 to the surface of pots, pans, or other cooking implements that are exposed directly to a flame or
3875 other heating elements.
3876

3877 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3878

3879 **Section 211.4470 Paper Coating**
3880

3881 "Paper coating" means any protective, decorative, or functional coating applied on paper, plastic
3882 film, or metallic foil to make certain products, including ~~but not limited to~~ adhesive tapes and
3883 labels, book covers, post cards, office copier paper, drafting paper, ~~and~~ pressure sensitive
3884 tapes. For ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, paper coating includes coatings applied
3885 by impregnation or saturation.
3886

3887 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3888

3889 **Section 211.4490 Paper Coating Line**
3890

3891 "Paper coating line" means a coating line in which any protective, decorative, or functional
3892 coating is applied on, saturated into, or impregnated into paper, plastic film, or metallic foil to
3893 make certain products, including ~~but not limited to~~ adhesive tapes and labels, book covers, post
3894 cards, office copier paper, drafting paper, and pressure sensitive tapes. For ~~purposes of~~ 35 Ill.
3895 Adm. Code 218 and 219, a paper coating line includes impregnation or saturation ~~or~~
3896 impregnation.
3897

3898 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3899

3900 **Section 211.4530 Parts Per Million (Volume) or PPM (Vol)**
3901

3902 "Parts per million (volume)" or "PPM (vol)" means a volume/volume ratio which expresses the
3903 volumetric concentration of gaseous air contaminant in a million-unit ~~million-unit~~ volume of gas.
3904
3905

3906 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3907

3908 **Section 211.4535 Part Marking Aerospace Coating**
3909

3910 "Part marking aerospace coating" means coatings or inks used to make identifying markings on
3911 aerospace materials, components, or assemblies. These markings may be ~~either~~ permanent or
3912 temporary.

3913
3914 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3915

3916 **Section 211.4540 Perimeter Bonded Sheet Flooring**
3917

3918 "Perimeter bonded sheet flooring" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, sheet
3919 flooring with vinyl backing installed onto a nonporous substrate using an adhesive designed to be
3920 applied only to a strip of up to four inches wide around the perimeter of the sheet flooring.
3921

3922 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3923

3924 **Section 211.4550 Person**
3925

3926 "Person" means:

- 3927
3928 a) ~~Any~~ individual, corporation, partnership, firm, association, trust, estate, public or private institution, group, state, municipality, political subdivision of
3929 a state;
3930
3931 b) ~~Any~~ agency, department, or instrumentality of the United States; and
3932
3933 c) ~~Any~~ officer, agent, or employee of any of the above.
3934

3935
3936 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3937

3938 **Section 211.4610 Petroleum Liquid**
3939

3940 "Petroleum liquid" means:

- 3941
3942 a) ~~Crude~~ crude oil, condensate, or any finished or intermediate product manufactured
3943 at a petroleum refinery, but not including acetone, ~~and~~
3944
3945 b) Number 2 through Number 6 fuel oils ~~underas specified in~~ ASTM D396-24, ~~D-~~
3946 ~~396-69~~ (incorporated by reference in 35 Ill. Adm. Code 218.112 and 219.112);
3947
3948 c) ~~Gas~~ gas turbine fuel oils Numbers 2-GT through 4-GT ~~underas specified in~~ ASTM

3949 ~~D2880-23, D-2880-71~~ (incorporated by reference in 35 Ill. Adm. Code 218.112
3950 and 219.112;) or

- 3951
3952 d) ~~Diesel~~ diesel fuel oils Numbers 2-D and 4-D ~~under, as specified in~~ ASTM D 975-
3953 24, D-975-68 (incorporated by reference in 35 Ill. Adm. Code 218.112 and
3954 219.112).

3955
3956 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3957

3958 **Section 211.4650 Pharmaceutical**

3959
3960 "Pharmaceutical" means any compound or mixture, other than food, used to prevent, diagnose,
3961 alleviate, treat, or cure ~~in the prevention, diagnosis, alleviation, treatment, or cure of~~ disease in
3962 human and animal.

3963
3964 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3965

3966 **Section 211.4670 Pharmaceutical Coating Operation**

3967
3968 "Pharmaceutical coating operation" means an operation ~~a device~~ in which a coating is applied to a
3969 pharmaceutical, including air drying or curing ~~of~~ the coating.

3970
3971 (Source: Amended at 50 Ill. Reg. _____, effective _____)
3972

3973 **Section 211.4690 Photochemically Reactive Material**

3974
3975 "Photochemically reactive material" means any organic material containing the chemical
3976 compounds below at more than 20% aggregate of its total volume, or containing an amount of a
3977 compound that exceeds the individual percentage limitation ~~with an aggregate of more than 20~~
3978 ~~percent of its total volume composed of the chemical compounds classified below or the~~
3979 ~~composition of which exceeds any of the following individual percentage composition~~
3980 ~~limitations. Whenever any photochemically reactive material or any constituent of any organic~~
3981 ~~material may be classified from its chemical structure into more than one of the above groups of~~
3982 ~~organic materials, it shall be considered as a member of the most reactive group, that is, the~~
3983 ~~group having the least allowable percent of the total organic materials.~~

- 3984
3985 a) A combination of hydrocarbons, alcohols, aldehydes, esters, ethers, or ketones
3986 having an olefinic or cyclo-olefinic types of unsaturation: 5% ~~5 percent~~. This
3987 definition does not apply to perchloroethylene or trichloroethylene.

- 3988
3989 b) A combination of aromatic compounds with eight or more carbon atoms to the
3990 molecule, excluding ~~except~~ ethylbenzene: 8% ~~8 percent~~.

3991

c) A combination of ethylbenzene, ketones having branched hydrocarbon structures, or toluene: ~~20%~~20 percent.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.4720 Pipeline Natural Gas

"Pipeline natural gas" means a ~~naturally occurring~~naturally occurring fluid mixture of hydrocarbons (e.g., methane, ethane, or propane) produced in geological formations beneath the Earth's surface that maintains a gaseous state at standard atmospheric temperature and pressure under ordinary conditions, and that is provided by a supplier through a pipeline. Pipeline natural gas contains 0.5 grains or less of total sulfur per 100 ~~scf standard cubic feet~~. Additionally, pipeline natural gas must either be composed of at least 70 percent methane by volume or have a gross calorific value between 950 and 1100 ~~btu~~Btu per ~~scf standard cubic foot~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.4730 Plant

"Plant" means, ~~for purposes~~ other than for 35 Ill. Adm. Code 215, 218, and 219, all ~~of~~ the pollutant-emitting activities which belong to the same industrial grouping, are located on one or more contiguous or adjacent properties, and are under the control of the same person ~~(or persons under common control)~~, except the activities of any marine vessel. Pollutant-emitting activities ~~are~~shall be considered as part of the same industrial grouping if they belong to the same major group, ~~(i.e., which have the same two-digit code)~~as described in the "Standard Industrial Classification Manual," 1987, ~~(incorporated by reference in 35 Ill. Adm. Code 218.112 and 219.112)~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.4735 Plastic

"Plastic" means, ~~for purposes of~~ Subparts JJ of 35 Ill. Adm. Code 218 and 219, a synthetic material chemically formed by the polymerization of organic (carbon-based) substances. Plastics are usually compounded with modifiers, extenders, ~~and/or~~ reinforcers, or any combination of them and are capable of being molded, extruded, cast into various shapes and films, or drawn into filaments.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.4740 Plastic Part

"Plastic part" means a product, or piece of a product, made from a substance that has been

4035 formed from resin through ~~applying the application of~~ pressure, ~~or~~ heat, or both.

4036

4037 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4038

4039 **Section 211.4760 Plastic Solvent Welding Adhesive**

4040

4041 "Plastic solvent welding adhesive" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, any
4042 adhesive used to dissolve the surface of plastic to form a bond between mating surfaces.

4043

4044 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4045

4046 **Section 211.4765 Plastic Solvent Welding Adhesive Primer**

4047

4048 "Plastic solvent welding adhesive primer" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and
4049 219, any primer used to prepare plastic substrates ~~before prior to~~ bonding or welding.

4050

4051 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4052

4053 **Section 211.4768 Pleasure Craft**

4054

4055 "Pleasure craft" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a vessel ~~that is~~
4056 manufactured or operated primarily for recreational purposes, or leased, rented, or chartered to a
4057 person or business for recreational purposes.

4058

4059 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4060

4061 **Section 211.4769 Pleasure Craft Surface Coating**

4062

4063 "Pleasure craft surface coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, any
4064 coating, except unsaturated polyester resin (fiberglass) coatings, containing ~~VOM~~ volatile organic
4065 materials and applied by brush, spray, roller, or other means to a pleasure craft.

4066

4067 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4068

4069 **Section 211.4770 PM₁₀~~PM-10~~**

4070

4071 "PM₁₀~~PM-10~~" means particulate matter with an aerodynamic diameter less than or equal to a
4072 nominal 10 micrometers, as measured by the applicable test methods specified by rule. Ambient
4073 air concentrations for PM₁₀~~PM-10~~ are usually expressed in micrograms per cubic meter
4074 (µg/m³~~ug/m(3)~~).

4075

4076 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4077

4078 **Section 211.4790 Pneumatic Rubber Tire Manufacture**

4079
 4080 "Pneumatic rubber tire manufacture" means the production of pneumatic rubber tires with a bead
 4081 diameter ~~under up to but not including~~ 20.0 inches and cross section dimension up to 12.8 inches,
 4082 but not including specialty tires for antique or other vehicles when produced on equipment
 4083 separate from normal production lines for passenger or truck type tires.

4084
 4085 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4086
 4087 **Section 211.4810 Polybasic Organic Acid Partial Oxidation Manufacturing Process**

4088
 4089 "Polybasic organic acid partial oxidation manufacturing process" means any process involving
 4090 partial oxidation of hydrocarbons with air to manufacture polybasic acids or their anhydrides,
 4091 such as maleic anhydride, phthalic anhydride, terephthalic acid, isophthalic acid, or
 4092 ~~trimellitic~~trimellitic anhydride.

4093
 4094 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4095
 4096 **Section 211.4830 Polyester Resin Material(s)**

4097
 4098 "Polyester resin material(s)" means gel coat and unsaturated polyester resin, such as isophthalic,
 4099 orthophthalic, halogenated, bisphenol A, vinyl ester, or furan resins; cross-linking agents;
 4100 catalysts; inhibitors; accelerators; promoters; and any other material containing VOM used in
 4101 polyester resin operations, including ~~the following polyester resin materials:~~

- 4102
 4103 a) ~~Corrosion-resistant~~Corrosion-resistant and ~~fire-retardant~~fire-retardant polyester
 4104 resin materials used to make products for corrosive and ~~fire-retardant~~fire-retardant
 4105 applications;
 4106
 4107 b) High-strength polyester resin materials with a tensile strength of 10,000 psi or
 4108 more; and
 4109
 4110 c) Gel coat.

4111
 4112 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4113
 4114 **Section 211.4850 Polyester Resin Products Manufacturing Process**

4115
 4116 "Polyester resin products manufacturing process" means a manufacturing process that fabricates
 4117 or reworks products for commercial, military, or industrial use by mixing, pouring, hand laying-
 4118 up, impregnating, injecting, pultruding, forming, winding, spraying, ~~and/or curing,~~ or any
 4119 combination of these methods by using unsaturated polyester resin materials with fiberglass,
 4120 filters, or any other reinforcement materials.

4121
4122 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4123

4124 **Section 211.4895 Polyvinyl Chloride Plastic (PVC Plastic)**
4125

4126 "Polyvinyl chloride plastic" or "PVC plastic" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and
4127 219, a polymer of the chlorinated vinyl monomer that contains ~~57% percent~~ or more chlorine.
4128

4129 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4130

4131 **Section 211.4900 Porous Material**
4132

4133 "Porous material" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a substance that has
4134 tiny openings, often microscopic, in which fluids may be absorbed or discharged, including, ~~but~~
4135 ~~not limited to~~, paper and corrugated paperboard. Porous material does not include wood.
4136

4137 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4138

4139 **Section 211.4910 Portable Grain-Handling Equipment**
4140

4141 "Portable grain-handling equipment" means any equipment (excluding portable grain dryers) that
4142 is designed and maintained to be movable primarily for use in a non-continuous operation for
4143 loading and unloading one-turn storage space and is not physically connected to the grain
4144 elevator, ~~if provided that~~ the manufacturer's rated capacity of the equipment does not exceed
4145 10,000 bushels per hour.
4146

4147 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4148

4149 **Section 211.4930 Portland Cement Manufacturing Process Emission Source**
4150

4151 "Portland cement manufacturing process emission source" means any items of process
4152 equipment or manufacturing processes used in or associated with the production of portland
4153 cement, including, ~~but not limited to~~, a kiln, clinker cooler, raw mill system, finish mill system,
4154 raw material dryer, material storage bin or system, material conveyor belt or other transfer
4155 system, material conveyor belt transfer point, bagging operation, bulk unloading station, or bulk
4156 loading station.
4157

4158 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4159

4160 **Section 211.4960 Potential Electrical Output Capacity**
4161

4162 "Potential electrical output capacity" means the MWe capacity rating for the units which
4163 ~~must~~shall be equal to 33% of the maximum design heat input capacity of the steam generating

4164 unit.

4165

4166 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4167

4168 **Section 211.4970 Potential to Emit (PTE)**

4169

4170 "Potential to emit (PTE)" means the maximum capacity of a stationary source to emit any air
 4171 pollutant under its physical and operational design. Any physical or operational limitation on the
 4172 capacity of a source to emit an air pollutant, including air pollution control equipment and
 4173 restriction on hours of operation or on the type or amount of material combusted, stored, or
 4174 processed, ~~is shall be~~ treated as part of its design if the limitation is federally enforceable.

4175

4176 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4177

4178 **Section 211.4990 Power Driven Fastener Coating**

4179

4180 "Power driven fastener coating" means the coating of nail, staple, brad, and finish nail fasteners
 4181 where ~~thesuch~~ fasteners are fabricated from wire or rod of ~~0.0254-inch~~ ~~0.0254 inch~~ diameter or
 4182 greater, ~~where such fasteners are~~ bonded into coils or strips, ~~such coils and strips~~ containing a
 4183 number of ~~thesesuch~~ fasteners, ~~which fasteners are~~ manufactured for use in power tools, and
 4184 ~~which fasteners~~ must conform with ~~formal~~ standards for specific uses established by ~~various~~
 4185 federal and national organizations, including ~~ASTM F1667/F1667M-21a~~ ~~Federal Specification~~
 4186 ~~FF-N-105b of the General Services Administration dated August 23, 1977 (does not include any~~
 4187 ~~later amendments or editions; U.S. Army Armament Research and Development Command,~~
 4188 ~~Attn: DRDAR-TST, Rock Island, IL 61201), Bulletin UM-25d of the U.S. Department of~~
 4189 ~~Housing and Urban Development—Federal Housing Administration dated September 5, 1973~~
 4190 ~~(does not include any later amendments or editions; Department of HUD, 547 W. Jackson Blvd.,~~
 4191 ~~Room 1005, Chicago, IL 60606), and the International Building Code (IBC) (2024), both~~
 4192 ~~incorporated by reference in Section 211.101, Model Building Code of the Council of American~~
 4193 ~~Building Officials~~ and similar standards. For ~~the purposes of~~ this definition, the terms "brad"
 4194 and "finish nail" ~~mean refer to~~ single leg fasteners fabricated in the same manner as staples. The
 4195 application of coatings to staple, brad, and finish nail fasteners may be associated with the
 4196 incremental forming of ~~thesuch~~ fasteners in a cyclic or repetitious manner (incremental
 4197 fabrication) or with ~~the~~ forming ~~of~~ strips of ~~thesuch~~ fasteners as a unit from a band of wires (unit
 4198 fabrication).

4199

4200 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4201

4202 **Section 211.5012 Prefabricated Architectural Coatings**

4203

4204 "Prefabricated architectural coatings" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219,
 4205 coatings applied to metal parts and products that are to be used as an architectural structure.

4206

4207 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4208

4209 **Section 211.5015 Preheater Kiln**
4210

4211 "Preheater kiln" means, for ~~the purposes of~~ 35 Ill. Adm. Code 217.5-Subpart T, a kiln where the
4212 feed to the kiln is preheated in cyclone chambers ~~before prior to~~ the final reactions in a kiln which
4213 forms clinker.
4214

4215 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4216

4217 **Section 211.5020 Preheater/Precalciner Kiln**
4218

4219 "Preheater/precalciner kiln" means, for ~~the purposes of~~ 35 Ill. Adm. Code 217.5-Subpart T, a kiln
4220 where the feed to the kiln is preheated in cyclone chambers and ~~uses~~ ~~utilizes~~ a second burner to
4221 calcine material in a separate vessel attached to the preheater ~~before prior to~~ the final fusion in a
4222 kiln which forms clinker.
4223

4224 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4225

4226 **Section 211.5061 Pretreatment Coating**
4227

4228 "Pretreatment coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating that
4229 contains no more than 12% ~~percent~~ solids by weight and at least 0.50% ~~percent~~ acid by weight,
4230 is used to provide surface etching, and is applied directly to metal surfaces to provide corrosion
4231 resistance, adhesion, and ease of stripping.
4232

4233 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4234

4235 **Section 211.5062 Pretreatment Wash Primer**
4236

4237 "Pretreatment wash primer" means:
4238

4239 a) For ~~purposes of~~ Subparts HH of 35 Ill. Adm. Code 218 and 219, the first coating
4240 applied to bare metal if ~~solvent-borne~~ ~~solventborne~~ primers will be applied. This
4241 coating contains a minimum of 0.5% ~~percent~~ acid, by weight, is necessary to
4242 provide surface etching, and provides corrosion resistance and adhesion;
4243

4244 b) For ~~purposes of~~ Subparts F of 35 Ill. Adm. Code 218 and 219, a coating that
4245 contains no more than 12% ~~percent~~ solids by weight and at least 0.50% ~~percent~~
4246 acids by weight, is used to provide surface etching, and is applied directly to
4247 fiberglass and metal surfaces to provide corrosion resistance and adhesion of
4248 subsequent coatings.
4249

4250 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 4251

4252 **Section 211.5065 Primary Product**
 4253

4254 "Primary ~~product~~ **Product**" means a product of a chemical manufacturing process unit ~~that shall~~
 4255 ~~be~~ determined according to the following procedures ~~specified as follows~~:

- 4256
- 4257 a) If a chemical manufacturing process unit produces more than one intended
 4258 chemical product, the product with the greatest annual design capacity on a mass
 4259 basis is ~~determines~~ the primary product of the process.
 4260
 - 4261 b) If a chemical manufacturing process unit has two more products that have the
 4262 same maximum annual design capacity on a mass basis, and if one of those
 4263 chemicals is listed in Appendix A of 35 Ill. Adm. Code 218 or 219, then the listed
 4264 chemical is considered the primary product. If more than one of the products is
 4265 listed in Appendix A of 35 Ill. Adm. Code 218 or 219, then the owner or operator
 4266 may designate any of the listed chemicals as the primary product ~~any of the listed~~
 4267 ~~chemicals~~.
 4268
 - 4269 c) For a chemical manufacturing process unit that is designed and operated as a
 4270 flexible operation unit and is used predominantly to produce one or more of the
 4271 listed chemicals in Appendix A of 35 Ill. Adm. Code 218 or 219, the primary
 4272 product is ~~shall be~~ determined based on the expected production utilization for the
 4273 five years after May 9, 1995, following promulgation for existing sources and
 4274 based on the expected production utilization for the first five years after initial
 4275 start-up for new sources.
 4276
- 4277 1) If the flexible operation unit produces one product for the greatest annual
 4278 operating time, then that product represents ~~shall represent~~ the primary
 4279 product of the flexible operation unit.
 4280
 - 4281 2) If the flexible operation unit produces multiple chemicals equally based on
 4282 operating time, then the product with the greatest annual production on a
 4283 mass basis represents ~~shall represent~~ the primary product of the flexible
 4284 operation unit.
 4285

4286 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 4287

4288 **Section 211.5075 Primer Sealant**
 4289

4290 "Primer sealant" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.204(q) and 219.204(q), a sealant
 4291 applied in the manufacture of ammunition to assembled primers to maintain the primer assembly
 4292 and prevent explosive priming mix from dusting during the transfer of primers.

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.5090 Primer Surfacer Coat

"Primer surfacer coat" means:

- a) ~~For purposes of~~ 35 Ill. Adm. Code 215.204(a), 218.204(a)(1), and 219.204(a)(1), a coating used to touch up areas on the surface of automobile or light-duty truck bodies not adequately covered by the prime coat before application of the ~~topcoat~~~~top coat~~. The primer surfacer coat is applied between the prime coat and topcoat. An anti-chip coating applied to main body parts (e.g., rocker panels, bottom of doors and fenders, and leading edge of roof) is a primer surfacer~~primer/surfacer~~ coat. The primer surfacer coat is also referred to as a "guide coat."
- b) ~~For Subparts HH~~~~"Primer surfacer coat" means, for purposes~~ of 35 Ill. Adm. Code 218,~~Subpart HH~~ and 219,~~Subpart HH~~, a coating applied to motor vehicles, mobile equipment, or their parts and components at motor vehicle refinishing operations that fills in surface imperfections and builds a thickness ~~in order~~ to allow sanding.
- c) ~~For "Primer surfacer coat" means, for purposes of~~ 35 Ill. Adm. Code 218.204(a)(2) and 219.204(a)(2), an intermediate protective coating applied over the electrodeposition primer and under the topcoat. Primer surfacer provides adhesion, protection, and appearance properties to the total finish. Primer surfacer may also be called guide coat or surfacer. Primer surfacer operations may include other coatings (e.g., anti-chip, lower-body anti-chip, chip-resistant edge primer, spot primer, blackout, deadener, interior color, basecoat replacement coating, etc.) that are applied in the same spray booths.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.5110 Primer Surfacer Operation

"Primer surfacer operation" means the application areas~~area(s)~~, flashoff areas~~area(s)~~ and oven~~oven(s)~~ that are used to apply and dry or cure primer surfacer coat on a single assembly line.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.5140 Printed Interior Panel

4336 "Printed ~~interior panel~~Interior Panel" mean a panel whose grain or natural surface is obscured by
 4337 fillers and basecoats upon which a simulated grain or decorative pattern is printed.

4338
 4339 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4340
 4341 **Section 211.5170 Printing Line**

4342
 4343 "Printing line" means an operation consisting of a series of one or more roll printers and any
 4344 associated roll coaters, drying areas, and ovens in which~~wherein~~ one or more coatings are
 4345 applied, dried,~~and/or~~ cured, or any combination of these activities.

4346
 4347 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4348
 4349 **Section 211.5195 Process Heater**

4350
 4351 "Process heater" means, for 35 Ill. Adm. Code~~purposes of Part~~ 217, an enclosed combustion
 4352 device that burns only gaseous or liquid fuels ~~only~~ and that indirectly transfers heat to a process
 4353 fluid or a heat transfer medium other than water. This ~~definition term~~ definition does not include pipeline
 4354 heaters and storage tank heaters that are primarily meant to maintain fluids at a certain
 4355 temperature or viscosity.

4356
 4357 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4358
 4359 **Section 211.5210 Process Unit**

4360
 4361 "Process unit" means equipment and components assembled to produce one or more chemicals;
 4362 as intermediate or final products, ~~one or more chemicals~~. A process unit can operate
 4363 independently if supplied with sufficient feed or raw materials and sufficient storage facilities for
 4364 the product. For Subparts~~purposes of Subpart~~ Q of 35 Ill. Adm. Code~~Parts~~ 215, 218, and 219, a
 4365 process unit must produce one or more of the chemicals listed in Appendix A of 35 Ill. Adm.
 4366 Code 215, 218, or 219, as applicable.

4367
 4368 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4369
 4370 **Section 211.5245 Process Vent**

4371
 4372 "Process vent" means, for ~~purposes of~~ 35 Ill. Adm. Code ~~218 and 219, Sections~~ 218.500 through
 4373 218.506 and 219.500 through 219.506, any non-fugitive source of VOM emissions to the
 4374 atmosphere resulting from non-combustion emission units. A process vent begins at the inlet to
 4375 the control device; or, in the absence of a control device, at the point of discharge to the
 4376 atmosphere. This definition includes all emission units vents and stacks. ~~This~~Not included in
 4377 ~~this~~ definition does not include exhaust streams from exhaust hoods and building ventilation
 4378 fans which are used to provide ventilation for workers and not to collect and discharge emissions

4379 from specific emission units.

4380

4381 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4382

4383 **Section 211.5250 Process Weight Rate**

4384

4385 "Process weight rate" means the actual weight or engineering approximation ~~of it thereof~~ of all
 4386 materials, except liquid and gaseous fuels and combustion air, introduced into any process per
 4387 hour. For a cyclical or batch operation, the process weight rate ~~is the shall be determined by~~
 4388 ~~dividing such~~ actual weight or engineering approximation ~~of it divided thereof~~ by the number of
 4389 hours of operation, excluding any time ~~during which~~ the equipment is idle. For continuous
 4390 processes, the process weight rate ~~is the shall be determined by dividing such~~ actual weight or
 4391 engineering approximation ~~of it divided thereof~~ by the number of hours in one complete
 4392 operation, excluding any time ~~during which~~ the equipment is idle.

4393

4394 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4395

4396 **Section 211.5270 Production Equipment Exhaust System**

4397

4398 "Production equipment exhaust system" means a system for collecting and directing into the
 4399 atmosphere emissions of ~~VOM~~ ~~volatile organic material~~ from reactors, centrifuges, and other
 4400 process emission units.

4401

4402 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4403

4404 **Section 211.5310 Publication Rotogravure Printing Line**

4405

4406 "Publication rotogravure printing line" means a rotogravure printing line ~~printing~~ upon paper
 4407 ~~which is~~ subsequently formed into books, magazines, catalogues, brochures, directories,
 4408 newspaper supplements, or other types of non-packaging printed materials.

4409

4410 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4411

4412 **Section 211.5330 Purged Process Fluid**

4413

4414 "Purged process fluid" means liquid or vapor from a process unit that contains ~~VOM~~ ~~volatile~~
 4415 ~~organic material~~ and that results from flushing or cleaning the sample ~~lines~~ ~~line(s)~~ of a process
 4416 unit so that an uncontaminated sample may then be taken for testing or analysis.

4417

4418 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4419

4420 **Section 211.5335 Radiation Effect Coating**

4421

4422 "Radiation ~~effect coating~~Effect Coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.187 and
 4423 219.187, a coating or coating system engineered to interact, through absorption or reflection,
 4424 with specific regions of the electromagnetic energy spectrum, such as the ultraviolet, visible,
 4425 infrared, or microwave regions. Uses include, ~~but are not limited to,~~ lightning strike protection,
 4426 electromagnetic pulse protection, and radar avoidance. This definition does not include
 4427 coatings~~Coatings~~ that have been designated "classified" by the Department of Defense ~~are not~~
 4428 ~~included in this definition.~~

4429
 4430 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 4431

4432 **Section 211.5336 Radiation-Effect or Electric Coating**
 4433

4434 "Radiation-effect or electric coating" means a coating or coating system engineered to interact,
 4435 through absorption or reflection, with specific regions of the electromagnetic energy spectrum,
 4436 such as the ultraviolet, visible, infrared, or microwave regions. Uses include lightning strike
 4437 protection, electromagnetic pulse protection, and radar avoidance. This definition does not
 4438 include coatings~~Coatings~~ that have been designated as "classified" by the Department of Defense
 4439 ~~are exempt from this definition.~~

4440
 4441 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 4442

4443 **Section 211.5338 Radome**
 4444

4445 "Radome" means, for ~~purposes of~~ the definitions of "electrostatic discharge and electromagnetic
 4446 interference" and "rain erosion-resistant coating", the nonmetallic protective housing for
 4447 electromagnetic transmitters and receivers (e.g., radar, electronic countermeasures, etc.).
 4448

4449 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 4450

4451 **Section 211.5340 Rated Heat Input Capacity**
 4452

4453 "Rated heat input capacity" means the ability of an emission unit to combust a maximum amount
 4454 of fuel on a steady state basis, as limited by a federally enforceable permit condition, or
 4455 ~~otherwise~~ as stated by the manufacturer of the unit, based on the physical design and
 4456 characteristics of the unit, or, if higher than the manufacturer's stated maximum amount, as
 4457 demonstrated by the actual operation of the unit.
 4458

4459 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 4460

4461 **Section 211.5370 Reasonably Available Control Technology (RACT)**
 4462

4463 "Reasonably available control technology (RACT)" means the lowest emission limitation that an
 4464 emission unit is capable of meeting by applying~~the application of~~ control technology that is

4465 reasonably available considering technological and economic feasibility.

4466

4467 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4468

4469 **Section 211.5390 Reclamation System**

4470

4471 "Reclamation system" means equipment which reclaims spent solvents, surplus propellants,
4472 waste materials, and other materials generated by an emission unit to produce solvent, propellant
4473 or other materials which may be reused in the emission unit.

4474

4475 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4476

4477 **Section 211.5400 Red Coating**

4478

4479 "Red coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating that meets all ~~of~~
4480 the following criteria:

4481

4482 a) Yellow limit: the hue of hostaperm scarlet;

4483

4484 b) Blue limit: the hue of monastral red-violet;

4485

4486 c) Lightness limit for metallics: ~~35% percent~~ aluminum flake;

4487

4488 d) Lightness limit for solids: ~~50% percent~~ titanium dioxide white;

4489

4490 e) Solid reds: hue angle of -11 to 38° and maximum lightness of 23 to 45 units; and

4491

4492 f) Metallic reds: hue angle of -16 to 35° and maximum lightness of 28 to 45 units.

4493

4494 These criteria are based on Cielab color space, 0/45 geometry. For spherical geometry, specular
4495 included, the upper limit is 49 units.

4496

4497 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4498

4499 **Section 211.5430 Refinery Fuel Gas**

4500

4501 "Refinery fuel gas" means any gas ~~which is~~ generated by a petroleum refinery process unit and
4502 ~~which is~~ combusted at the refinery, including any gaseous mixture of natural gas and fuel gas.

4503

4504 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4505

4506 **Section 211.5450 Refinery Fuel Gas System**

4507

4508 "Refinery fuel gas system" means a system for ~~collecting~~collection of refinery fuel gas,
4509 including, ~~but not limited to,~~ piping for collecting tail gas from various process units, mixing
4510 drums and controls, and distribution piping.

4511
4512 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4513
4514 **Section 211.5470 Refinery Unit or Refinery Process Unit**

4515
4516 "Refinery unit" or "Refinery process unit" means a set of equipment which ~~is~~are a part of a basic
4517 process operation, such as ~~distilling~~distillation, hydrotreating, cracking, or reforming ~~of~~
4518 hydrocarbons.

4519
4520 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4521
4522 **Section 211.5490 Refrigerated Condenser**

4523
4524 "Refrigerated condenser" means a surface condenser in which the coolant supplied to the
4525 condenser has been cooled by a mechanical device, other than ~~by~~ a cooling tower or evaporative
4526 spray cooling, such as a refrigeration unit or steam chiller unit.

4527
4528 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4529
4530 **Section 211.5500 Regulated Air Pollutant**

4531
4532 a) "Regulated air pollutant" means the following:

- 4533
4534 1) ~~NO_x Nitrogen oxides (NO_x)~~ or any ~~VOC volatile organic compound~~.
- 4535
4536 2) Any pollutant for which a national ambient air quality standard has been
4537 promulgated.
- 4538
4539 3) Any pollutant that is subject to any standard promulgated under Section
4540 111 of the Clean Air Act.
- 4541
4542 4) Any Class I or II substance subject to a standard promulgated under
4543 Section 112 of the Clean Air Act, including Sections 112(g), (j) and (r).
- 4544
4545 A) Any pollutant subject to requirements under Section 112(j) of the
4546 Clean Air Act. Any pollutant listed under Section 112(b) ~~is~~shall be
4547 considered ~~to be~~ regulated 18 months after the date on which
4548 ~~United States Environmental Protection Agency ("USEPA")~~ was
4549 required to promulgate an applicable standard ~~under~~pursuant to
4550 Section 112(e) of the Clean Air Act, if USEPA fails to promulgate

4551 such standard.

4552
4553 B) Any pollutant for which the requirements of Section 112(g)(2) of
4554 the Clean Air Act have been met, but only ~~for with respect to~~ the
4555 individual source subject to Section 112(g)(2) ~~requirement~~.

4556
4557 5) Greenhouse Gases, which are the group of six long-lived and directly
4558 emitted greenhouse gases: carbon dioxide, methane, nitrous oxide,
4559 hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride.

4560
4561 b) "Regulated air pollutant" ~~means shall~~, for ~~the purposes of~~ 35 Ill. Adm. Code
4562 201.180(a), ~~mean~~ any air contaminant ~~for as to~~ which this Subtitle contains
4563 emission standards or other specific limitations and any contaminant regulated in
4564 Illinois ~~under pursuant to~~ Section 9.1 of the Act.

4565
4566 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4567
4568 **Section 211.5510 Reid Vapor Pressure**

4569
4570 "Reid vapor pressure" means the absolute vapor pressure of volatile crude oil and volatile
4571 nonviscous petroleum liquids except ~~liquefied liquified~~ petroleum gases, as determined by the
4572 method ~~referenced~~ in the Section where the term is used or, if the Section where the term is used
4573 does not specify a method, by ASTM ~~D323-20a~~ D323-08 (if not referenced in the Section where
4574 the term is used), incorporated by reference in 35 Ill. Adm. Code 218.112 and 219.112.

4575
4576 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4577
4578 **Section 211.5520 Reinforced Plastic Composite**

4579
4580 "Reinforced plastic composite" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a
4581 composite material consisting of plastic reinforced with fibers.

4582
4583 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4584
4585 **Section 211.5530 Repair**

4586
4587 "Repair" means, ~~for with respect to~~ polyester resin product manufacturing processes, a portion of
4588 the fabrication process that requires ~~adding the addition of~~ polyester resin materials to portions of
4589 a previously fabricated product immediately after normal fabrication operations in order to mend
4590 damage ~~immediately following normal fabrication operations~~.

4591
4592 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4593

4594 **Section 211.5535 Repair Cleaning**

4595
4596 "Repair ~~cleaning~~Cleaning" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.187 and 219.187, a
4597 solvent cleaning operation or activity carried out during a repair process.

4598
4599 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4600
4601 **Section 211.5550 Repair Coat**

4602
4603 "Repair coat" means:

4604
4605 a) ~~For~~With respect to coating wood furniture, coatings used to correct imperfections
4606 or damage to furniture surface;

4607
4608 b) For ~~purposes of~~ 35 Ill. Adm. Code 218.204(q) and 219.204(q), a coat used to re-
4609 coat portions of a previously coated product that has sustained mechanical
4610 damage to the coating ~~after following~~ normal coating operations.

4611
4612 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4613
4614 **Section 211.5570 Repaired**

4615
4616 "Repaired" means, for ~~Subpart~~the purpose of Subpart Q of 35 Ill. Adm. Code 215, 218, and 219,
4617 that equipment or a component has been adjusted, or otherwise altered, to eliminate a leak.

4618
4619 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4620
4621 **Section 211.5580 Repowering**

4622
4623 "Repowering" means, for ~~For purposes of~~ 35 Ill. Adm. Code 217, Subpart W, converting or
4624 replacing ~~"repowering" means the conversion or replacement of~~ an existing budget EGU, as
4625 identified in Appendix F, with a technology capable of controlling NO_x and other combustion
4626 emissions simultaneously with improved boiler or generation efficiency and with waste
4627 reduction, or any other replacement generation technology, as determined by the Illinois
4628 Environmental Protection Agency. Repowering ~~is shall be considered~~ a control technology for
4629 ~~purposes of~~ 35 Ill. Adm. Code 217.

4630
4631 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4632
4633 **Section 211.5585 Research and Development Operation**

4634
4635 "Research and development operation" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.187,
4636 219.187, and 219.204(r), an operation:

- 4637
4638 a) ~~Whose~~ whose purpose is researching and developing ~~for research and development~~
4639 ~~of~~ new processes and products;
4640
4641 b) ~~That~~ that is conducted under the close supervision of technically trained personnel;
4642 and
4643
4644 c) ~~That~~ that is not involved in manufacturing ~~the manufacture of~~ final or intermediate
4645 products for commercial purposes, except in a de minimis manner.
4646

4647 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4648

4649 **Section 211.5590 Residual Fuel Oil**

4650
4651 "Residual fuel oil" means fuel oils of grade No. 4, 5, and 6 ~~under as specified in detailed~~
4652 requirements for fuel oils in ASTM D396-24, ASTM D 396-69 (1971) incorporated by reference
4653 in 35 Ill. Adm. Code 211.101(a)(3), 218.112, and 219.112.
4654

4655 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4656

4657 **Section 211.5610 Restricted Area**

4658
4659 "Restricted area" means the area within the boundaries of any "municipality" as defined in
4660 Section 1-1-2 of the Illinois Municipal Code [65 ILCS 5/1-1-2], plus a zone extending one mile
4661 beyond the boundaries of any such municipality having a population of 1,000 ~~1000~~ or more
4662 according to the latest federal census.
4663

4664 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4665

4666 **Section 211.5640 Rich-Burn Engine**

4667
4668 "Rich-burn engine" means a spark-ignited engine where the oxygen content in the exhaust stream
4669 of the engine before any dilutions is 1% ~~percent~~ or less by volume measured on a dry basis.
4670

4671 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4672

4673 **Section 211.5650 Ringelmann Chart (Repealed)**

4674
4675 ~~"Ringelmann chart" means the chart published and described in the Bureau of Mines, U.S.~~
4676 ~~Department of Interior, Information Circular 8333 (Revision of IC7718) May 1, 1967, or any~~
4677 ~~adaptation thereof which has been approved by the Agency.~~
4678

4679 (Source: Repealed at 50 Ill. Reg. _____, effective _____)

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Section 211.5670 Roadway

"Roadway" means any street, highway, road, alley, sidewalk, parking lot, airport, rail bed or terminal, bikeway, pedestrian mall, or other structure used for transportation purposes.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.5710 Roll Coating

"Roll coating" means a method of applying a coating to a moving substrate by ~~means of~~ rotating hard rubber, elastomeric, or metal rolls.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.5750 Roll Printing

"Roll printing" means ~~the~~ method of printing by ~~means of~~ a series of rolls, usually of hard rubber or metal, each with only partial coverage.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.5800 Rubber

"Rubber" means, for ~~purposes of~~ Subparts JJ of 35 Ill. Adm. Code 218 and 219, any natural or manmade rubber substrate, including, ~~but not limited to,~~ styrene-butadiene rubber, polychloroprene (neoprene), butyl rubber, nitrile rubber, chlorosulfonated polyethylene, and ethylene propylene diene terpolymer.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.5805 Rubber-Based Adhesive

"Rubber-based adhesive" means a quick setting contact cement that provides a strong, yet flexible, bond between two mating surfaces that may be of dissimilar materials.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.5810 Safety Relief Valve

"Safety relief valve" means a valve which is normally closed and ~~which is~~ designed to open ~~in order~~ to relieve excessive pressures within a vessel or pipe.

4723 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4724

4725 **Section 211.5830 Sandblasting**
4726

4727 "Sandblasting" means the use of a mixture of sand and air at high pressures on any type of
4728 surface for cleaning, ~~and/or~~ polishing, or both any type of surface.
4729

4730 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4731

4732 **Section 211.5850 Sanding Sealers**
4733

4734 "Sanding sealers" means any coatings formulated for and applied to bare wood to sand for
4735 sanding and ~~to~~ seal the wood for subsequent application of varnish. To be considered a sanding
4736 sealer, a coating must be clearly labelled as onesuch.
4737

4738 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4739

4740 **Section 211.5855 Scale Inhibitor**
4741

4742 "Scale inhibitor" means, for ~~the purposes of~~ 35 Ill. Adm. Code 219.204(r), a coating that is
4743 applied to the surface of a part before prior to thermal processing to inhibit the formation of scale.
4744

4745 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4746

4747 **Section 211.5860 Scientific Instrument**
4748

4749 "Scientific ~~instrument~~ Instrument" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.187 and
4750 219.187, an instrument, including the components, assemblies, and subassemblies used in their
4751 manufacture, and associated accessories and reagents that are used for the detection,
4752 measurement, analysis, separation, synthesis, or sequencing of various compounds.
4753

4754 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4755

4756 **Section 211.5870 Screening**
4757

4758 "Screening" means separating material according to size by pressing undersized material through
4759 one or more mesh surfaces (screens) in series, and retaining oversized material on the mesh
4760 surfaces ~~(screens)~~.
4761

4762 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4763

4764 **Section 211.5875 Screen Printing**
4765

4766 "Screen ~~printing~~Printing" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.187 and 219.187, a
 4767 process in which the printing ink passes through a taut screen or fabric to which a refined form of
 4768 stencil has been applied. The stencil openings determine the form and dimensions of the imprint.
 4769

4770 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 4771

4772 **Section 211.5880 Screen Printing on Paper**
 4773

4774 "Screen ~~printing~~Printing on ~~paper~~Paper" means a process that would otherwise be paper coating
 4775 as defined in Section 211.4470 ~~of this Part~~, except ink is passed through a taut screen or fabric to
 4776 which a refined form of stencil has been applied. The stencil openings determine the form and
 4777 dimensions of the imprint.
 4778

4779 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 4780

4781 **Section 211.5883 Screen Print Ink for Aerospace Applications**
 4782

4783 "Screen print ink for aerospace applications" means, for ~~purposes of~~ 35 Ill. Adm. Code
 4784 219.204(r), an ink used in screen printing processes during fabrication of decorative laminates
 4785 and decals at aerospace facilities.
 4786

4787 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 4788

4789 **Section 211.5885 Screen Reclamation**
 4790

4791 "Screen ~~reclamation~~Reclamation" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.187 and
 4792 219.187, a solvent cleaning activity carried out in a screen printing operation in which the screen
 4793 is completely cleaned and the stencil removed ~~to recycle~~for recycling or reuse ~~of~~ the screen for
 4794 other production runs.
 4795

4796 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 4797

4798 **Section 211.5890 Sealer**
 4799

4800 "Sealer" means:

4801
 4802 a) Except for ~~purposes of~~ 35 Ill. Adm. Code 218.204(a) and (q) and 219.204(a) and
 4803 (q), ~~"sealer" means~~ a coating containing binders that seals wood ~~before~~prior to the
 4804 application of the subsequent coatings.
 4805

4806 b) For ~~purposes of~~ 35 Ill. Adm. Code 218.204(a) and (q) and 219.204(a) and (q),
 4807 ~~"sealer" means~~ a high viscosity material generally, but not always, applied in the
 4808 paint shop after the body has received an electrodeposition primer coating and

4809 before the application of subsequent coatings (e.g., primer surfacer). The primary
4810 purpose of sealer is to fill body joints completely so that there is no intrusion of
4811 water, gases, or corrosive materials into the passenger area of the body
4812 compartment. These materials are also referred to as sealant, sealant primer, or
4813 caulk.

4814
4815 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4816

4817 **Section 211.5900 Self-Priming Topcoat for Aerospace Applications**

4818
4819 "Self-priming topcoat for aerospace applications" means a topcoat that is applied directly to an
4820 uncoated aerospace vehicle or component for ~~purposes of~~ corrosion prevention, environmental
4821 protection, and functional fluid resistance. More than one layer of identical coating formulation
4822 may be applied to the vehicle or component. This definition does not include self-priming
4823 Self-
priming topcoats for general aviation rework facilities ~~are not included in this definition.~~

4824
4825 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4826

4827 **Section 211.5907 Semi-Aqueous Cleaning Solvent**

4828
4829 "Semi-aqueous cleaning solvent" means a solution in which water is the primary ingredient. At
4830 least 60%~~(60 percent~~ of the solvent solution, as applied, must be water).

4831
4832 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4833

4834 **Section 211.5910 Semi-Transparent Stains**

4835
4836 "Semi-transparent stains" means stains containing dyes or semi-transparent pigments which are
4837 formulated to enhance wood grain and change the color of the surface but not to conceal the
4838 surface, including, ~~but not limited to,~~ sap stain, toner, non-grain raising stains, pad stain, or
4839 spatter stain.

4840
4841 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4842

4843 **Section 211.5950 Set of Safety Relief Valves**

4844
4845 "Set of safety relief valves" means one or more safety relief valves designed to open ~~in order~~ to
4846 relieve excessive pressures in the same vessel or pipe.

4847
4848 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4849

4850 **Section 211.5985 Sheet Rubber Lining Installation**

4851

4852 "Sheet rubber lining installation" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, the
 4853 process of applying sheet rubber liners by hand to metal or plastic substrates to protect the
 4854 underlying substrate from corrosion or abrasion. These operations also include laminating sheet
 4855 rubber to fabric by hand.

4856
 4857 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4858
 4859 **Section 211.5987 Shock-Free Coating**

4860
 4861 "Shock-free coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating applied to
 4862 electrical components to protect the user from electric shock. The coating has characteristics of
 4863 ~~being of~~ low capacitance, ~~and~~ high resistance, and ~~having~~ resistance to breaking down under
 4864 high voltage.

4865
 4866 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4867
 4868 **Section 211.5990 Shotblasting**

4869
 4870 "Shotblasting" means ~~using the use of~~ a mixture of any metallic or non-metallic substance and air
 4871 at high pressures ~~on any type of surface~~ for cleaning, ~~and/or~~ polishing, ~~or both any type of~~
 4872 ~~surface~~.

4873
 4874 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4875
 4876 **Section 211.6012 Silicone-Release Coating**

4877
 4878 "Silicone-release coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, any coating
 4879 that contains silicone resin and is intended to prevent food from sticking to metal surfaces such
 4880 as baking pans.

4881
 4882 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4883
 4884 **Section 211.6015 Single-Ply Roof Membrane**

4885
 4886 "Single-ply roof membrane" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a
 4887 prefabricated single sheet of rubber, normally ethylene-propylenediene terpolymer, that is field
 4888 applied to a building roof using one layer of membrane material. Single-ply roof membrane does
 4889 not include membranes prefabricated from EPDM.

4890
 4891 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4892
 4893 **Section 211.6017 Single-Ply Roof Membrane Adhesive Primer**

4894

4895 "Single-ply roof membrane adhesive primer" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and
4896 219, any primer labeled for ~~cleaning use to clean~~ and ~~promoting promote~~ adhesion of the single-
4897 ply roof membrane seams or splices ~~before prior to~~ bonding.

4898
4899 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4900

4901 **Section 211.6020 Single-Ply Roof Membrane Installation and Repair Adhesive**
4902

4903 "Single-ply roof membrane installation and repair adhesive" means, for ~~purposes of~~ 35 Ill. Adm.
4904 Code 218 and 219, any adhesive labeled for ~~installing use in the installation~~ or ~~repairing repair of~~
4905 single-ply roof membrane. Installation includes, as a minimum, attaching the edge of the
4906 membrane to the edge of the roof and applying flashings to vents, pipes, and ducts that protrude
4907 through the membrane. Repair includes gluing the edges of ~~A-4~~ torn membrane together,
4908 attaching a patch over a hole, and reapplying flashings to vents, pipes, or ducts installed through
4909 the membrane.

4910
4911 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4912

4913 **Section 211.6025 Single Unit Operation**
4914

4915 "Single unit operation" means, for ~~purposes of~~ 35 Ill. Adm. Code ~~218 and 219, Sections~~ 218.500
4916 through 218.506 and 219.500 through 219.506, a distinct piece of equipment in a batch operation
4917 within which one or more discrete processing steps occur. ~~These Such~~ discrete processing steps
4918 include ~~preparing, but are not limited to, the preparation of~~ reactants, ~~facilitating facilitation of~~
4919 reactions, ~~separating and purifying separation and purification of~~ products or intermediates, and
4920 recycling ~~of~~ materials.

4921
4922 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4923

4924 **Section 211.6030 Smoke**
4925

4926 "Smoke" means small gas-borne particles resulting from incomplete combustion, consisting
4927 predominantly but not exclusively of carbon, ash, and other combustible material, that form a
4928 visible plume in the air.

4929
4930 (Source: Amended at 50 Ill. Reg. _____, effective _____)
4931

4932 **Section 211.6050 Smokeless Flare**
4933

4934 "Smokeless flare" means a combustion unit and the stack to which it is affixed in which organic
4935 material achieves combustion by burning in the atmosphere ~~so such~~ that the smoke or other
4936 particulate matter emitted to the atmosphere from ~~the such~~ combustion does not cause an opacity
4937 of greater than 20% as measured by USEPA Method 9, incorporated by reference at 35 Ill. Adm.

4938 ~~Code 212.109 have an appearance density or shade darker than No. 1 of the Ringlemann Chart.~~

4939

4940 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4941

4942 **Section 211.6055 Smoothing and Caulking Compounds**

4943

4944 "Smoothing and caulking compounds" means semi-solid materials that are applied by hand
4945 application methods and ~~are~~ used to aerodynamically smooth exterior vehicle surfaces or fill
4946 cavities such as bolt hole accesses. A material ~~will~~shall not be classified as a smoothing and
4947 caulking compound if it can also be classified as a sealant.

4948

4949 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4950

4951 **Section 211.6063 Solar-Absorbent Coating**

4952

4953 "Solar-absorbent coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating that
4954 has as its prime purpose ~~absorbing the absorption of~~ solar radiation.

4955

4956 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4957

4958 **Section 211.6064 Solid Film Lubricant**

4959

4960 "Solid film lubricant" means, for ~~purposes of~~ 35 Ill. Adm. Code 219.204(r), a very thin coating
4961 consisting of a binder system containing as its chief pigment material one or more of the
4962 following: molybdenum, graphite, polytetrafluoroethylene (PTFE), or other solids that act as a
4963 dry lubricant between faying (i.e., closely or tightly fitting) surfaces in aerospace applications.

4964

4965 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4966

4967 **Section 211.6065 Solids Turnover Ratio (R_T)**

4968

4969 "Solids turnover ratio" or "Solids R_T" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, the
4970 ratio of total volume of coating solids that is added to the EDP system in a calendar month to the
4971 total volume design capacity of the EDP system.

4972

4973 (Source: Amended at 50 Ill. Reg. _____, effective _____)

4974

4975 **Section 211.6070 Solvent**

4976

4977 "Solvent" means a liquid substance that is used to dissolve or dilute another substance. This
4978 term includes, ~~but is not limited to~~ organic materials used as solvers, viscosity reducers,
4979 degreasing agents, or cleaning agents.

4980

4981 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 4982

4983 **Section 211.6110 Solvent Recovery System**
 4984

4985 "Solvent recovery system" means equipment which processes spent solvents, surplus propellants,
 4986 and other ~~VOM-containing~~VOM-containing waste materials generated by an emission unit to
 4987 recover VOM which can be productively used, either in the original unit or for another purpose,
 4988 reducing the amount of ~~such~~ material which must be disposed of as waste.
 4989

4990 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 4991

4992 **Section 211.6130 Source**
 4993

4994 *"Source" means any stationary source (or any group of stationary sources) that ~~is~~are located on*
 4995 *one or more contiguous or adjacent properties that are under common control of the same*
 4996 *person (or persons under common control) and that belongs to a single major industrial*
 4997 *grouping. For the purposes of defining "source," a stationary source or group of stationary*
 4998 *sources shall be considered part of a single major industrial grouping if all of the pollutant*
 4999 *emitting activities at such source or group of sources located on contiguous or adjacent*
 5000 *properties and under common control belong to the same Major Group (i.e., all have the same*
 5001 *two-digit code) as described in the Standard Industrial Classification Manual, 1987*
 5002 *(incorporated by reference in 35 Ill. Adm. Code 218.112 and 219.112), or such pollutant*
 5003 *emitting activities at a stationary source (or group of sources) located on contiguous or adjacent*
 5004 *properties and under common control constitute a support facility as defined in Section 39.5 of*
 5005 *the Environmental Protection Act [415 ILCS 5/39.5]. The determination as to whether any*
 5006 *group of stationary sources ~~is~~are located on contiguous or adjacent properties, and/or ~~is~~are*
 5007 *under common control, and/or whether the pollutant emitting activities at such group of*
 5008 *stationary sources constitute a support facility shall be made on a ~~case-by-case~~ease-by-ease*
 5009 *basis. [415 ILCS 5/39.5]*
 5010

5011 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 5012

5013 **Section 211.6133 Space Vehicle**
 5014

5015 "Space vehicle" means a man-made device, either manned or unmanned, designed for operation
 5016 beyond earth's atmosphere. This definition includes integral equipment such as models,
 5017 ~~mockups~~mock-ups, prototypes, molds, jigs, tooling, hardware jackets, and test coupons. This
 5018 definition also includes~~Also included is~~ auxiliary equipment associated with ~~testing~~test,
 5019 ~~transportation~~transport, and storage; that, through contamination, can compromise the space
 5020 vehicle performance.
 5021

5022 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 5023

5024 **Section 211.6137 Specialized Function Coating**

5025
 5026 "Specialized function coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 219.204(r), a coating
 5027 that fulfills extremely specific engineering requirements in aerospace applications that are
 5028 limited in use and are characterized by low volume usage. This category excludes coatings
 5029 covered in other specialty coating categories in 35 Ill. Adm. Code 219.204(r)(2).

5030
 5031 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5032
 5033 **Section 211.6140 Specialty Coatings**

5034
 5035 "Specialty coatings" means, for ~~the purposes of~~ 35 Ill. Adm. Code 218 and 219, plastic parts
 5036 coatings used for unusual job performance requirements. These products include adhesion
 5037 primers, resist coatings, soft coatings, reflective coatings, electrostatic prep coatings, headlamp
 5038 lens coatings, ink pad printing coatings, stencil coatings, vacuum metalizing coatings, gloss
 5039 reducers, plating resist coatings, and plating sensitizer coatings.

5040
 5041 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5042
 5043 **Section 211.6145 Specialty Coatings for Motor Vehicles**

5044
 5045 "Specialty coatings for motor vehicles" means, for Subparts HH of ~~purposes of~~ 35 Ill. Adm.
 5046 Code ~~Part~~ 218 and ~~Part~~ 219, ~~Subpart HH~~, a coating used for unusual job performance
 5047 requirements, including, ~~but not limited to~~, adhesion promoters, uniform finish blenders,
 5048 elastomeric materials, gloss flatteners, and bright metal trim repair.

5049
 5050 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5051
 5052 **Section 211.6150 Specialty High Gloss Catalyzed Coating**

5053
 5054 "Specialty high gloss catalyzed coating" means commercial contract finishing of material
 5055 prepared for printers and lithographers where the finishing process uses a solvent-borne coating,
 5056 formulated with a catalyst, in a quantity of no more than 12,000 gallons/year as supplied, ~~where~~
 5057 the coating machines are ~~sheet-fed~~, ~~sheet-fed~~ and the coated sheets are brought to a minimum
 5058 surface temperature of 190 °F; ~~190° F~~, and ~~where~~ the coated sheets are to achieve the minimum
 5059 specular reflectance index of 65 measured at a 60° ~~60-degree~~ angle with a gloss meter.

5060
 5061 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5062
 5063 **Section 211.6170 Specialty Leather**

5064
 5065 "Specialty leather" means leather in one of the following categories:
 5066

- 5067 a) "Specialty shoe leather," such as "CHROMEXCEL" (TM) leather, that is:
- 5068
- 5069 1) A select grade of chrome tanned, bark retanned leather;
- 5070
- 5071 2) Retanned to over 25% by weight grease, wax, and oils by direct contact
- 5072 with such materials in liquefied form at elevated temperature without the
- 5073 presence of water;
- 5074
- 5075 3) Finished with coating materials which adhere to the leather surface to
- 5076 provide color and a rich visual luster while allowing a surface that feels
- 5077 oily; and
- 5078
- 5079 4) Used primarily for manufacture of shoes.
- 5080

- 5081 b) "~~Specialty~~Speciality football leather," such as "TANNED IN TACK" (TM)
- 5082 leather, that is:
- 5083
- 5084 1) Top grade, chrome tanned, bark retanned, and fat liquored leather;
- 5085
- 5086 2) Finished with coating materials which impregnate into the leather to
- 5087 produce a permanent non-slip "tacky" exterior surface on the leather. This
- 5088 "tacky" characteristic continues to exist with wear; and
- 5089
- 5090 3) Used primarily for the manufacture of footballs.
- 5091

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.6190 Specialty Soybean Crushing Source

"Specialty soybean crushing source" means any hexane extraction soybean crushing equipment using indirect steam heat in flash or vapor desolventizers as the primary method of desolventizing and producing specialty solvent extracted soy flakes, grits, or flour.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.6270 Standard Conditions

"Standard conditions" means a temperature of ~~70 °F~~70°F and a pressure of 14.7 psia.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.6310 Start-Up

5|110 "Start-up" means ~~the setting~~ an emission unit in operation ~~of an emission unit~~ for any purpose.

5|111
5|112 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5|113

5|114 **Section 211.6355 Stationary Gas Turbine**
5|115

5|116 "Stationary gas turbine" means any simple cycle gas turbine, regenerative cycle gas turbine, or
5|117 any gas turbine portion of a combined cycle steam/electric generating system that is not self-
5|118 propelled~~self propelled~~. It may, however, be mounted on wheels for portability.

5|119
5|120 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5|121

5|122 **Section 211.6400 Stencil Coat**
5|123

5|124 "Stencil coat" means:

5|126 a) ~~Before~~Prior to May 1, 2012, a coating ~~that is~~ applied over a stencil on a plastic
5|127 part at a thickness of 1 ~~mm~~mil or less of coating solids. Stencil coats are most
5|128 frequently letters, numbers, or decorative designs.;

5|129
5|130 b) On and after May 1, 2012, an ink or pigmented coating ~~that is~~ rolled or brushed
5|131 onto a template or stamp ~~in order~~ to add identifying letters, symbols, ~~and/or~~
5|132 numbers, or any combination of these.

5|133
5|134 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5|135

5|136 **Section 211.6405 Sterilization Indicating Ink**
5|137

5|138 "Sterilization indicating ink~~Indicating Ink~~" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.187
5|139 and 219.187, an ink that changes color to indicate that sterilization has occurred. ~~This~~Such ink is
5|140 used to monitor the sterilization of medical instruments, autoclave efficiency, and the thermal
5|141 processing of foods to prevent~~for prevention of~~ spoilage.

5|142
5|143 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5|144

5|145 **Section 211.6410 Storage Tank or Storage Vessel**
5|146

5|147 "Storage tank or storage vessel" means any tank, reservoir, or container used to store~~for the~~
5|148 storage of liquid or gaseous material.

5|149
5|150 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5|151

5|152 **Section 211.6425 Stripping**

5153
5154 "Stripping" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.187 and 219.187, the removal of cured
5155 coatings, cured inks, or cured adhesives.

5156
5157 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5158

5159 **Section 211.6427 Structural Glazing**

5160
5161 "Structural glazing" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a process that
5162 includes ~~applying the application of~~ adhesive to bond glass, ceramic, metal, stone, or composite
5163 panels to exterior building frames.

5164
5165 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5166

5167 **Section 211.6428 Structural Nonautoclavable Adhesive for Aerospace Applications**

5168
5169 "Structural nonautoclavable adhesive for aerospace applications" means an adhesive cured under
5170 ambient conditions that is used to bond load-carrying aerospace components or ~~for~~ other critical
5171 functions, such as nonstructural bonding in the proximity of engines.

5172
5173 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5174

5175 **Section 211.6430 Styrene Devolatilizer Unit**

5176
5177 "Styrene devolatilizer unit" means equipment ~~which separates performing the function of~~
5178 ~~separating~~ unreacted styrene monomer and other volatile components from polystyrene in a
5179 vacuum devolatilizer.

5180
5181 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5182

5183 **Section 211.6450 Styrene Recovery Unit**

5184
5185 "Styrene recovery unit" means equipment ~~which separates performing the function of separating~~
5186 styrene monomer from other less volatile components of the styrene devolatilizer unit's output.
5187 The separated styrene monomer may be reused as a raw material in the polystyrene plant.

5188
5189 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5190

5191 **Section 211.6460 Subfloor**

5192
5193 "Subfloor" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, subflooring material over
5194 floor joists, including any load bearing joists. Subflooring is covered by a finish surface material.
5195

5196 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5197

5198 **Section 211.6470 Submerged Loading Pipe**
5199

5200 "Submerged loading pipe" means:
5201

5202 a) ~~For "Submerged loading pipe" means, for purposes of 35 Ill. Adm. Code 215, any~~
5203 ~~loading pipe which meets any of the following conditions:~~

5204
5205 1) ~~Where the tank is filled from the top, the end of the discharge pipe or~~
5206 ~~nozzle is entirely submerged when the liquid level is 15 cm (6 in) above~~
5207 ~~the bottom of the tank. the discharge opening of which is entirely~~
5208 ~~submerged when the liquid level is 6 inches above the bottom of the tank.~~

5209
5210 2) ~~Where the tank is filled from the side, the discharge pipe or nozzle~~
5211 ~~When applied to a tank which is loaded from the side, "submerged loading pipe"~~
5212 ~~means any loading pipe the discharge of which is entirely submerged~~
5213 ~~when the liquid level is 46 cm (18 in) inches or two times the loading pipe~~
5214 ~~diameter, whichever is greater, above the bottom of the tank.~~

5215
5216 3) ~~Any~~ ~~The definition shall also apply to any~~ loading pipe which is
5217 continuously submerged during loading operations.
5218

5219 b) ~~For "Submerged loading pipe" means, for purposes of 35 Ill. Adm. Code 218 and~~
5220 ~~219, any discharge pipe or nozzle which meets either of the following conditions:~~

5221
5222 1) Where the tank is filled from the top, the end of the discharge pipe or
5223 nozzle ~~is entirely~~ ~~must be totally~~ submerged when the liquid level is 15 cm
5224 (6 in-) above the bottom of the tank.

5225
5226 2) Where the tank is filled from the side, the discharge pipe or nozzle ~~is~~
5227 ~~entirely~~ ~~must be totally~~ submerged when the liquid level is 46 cm (18 in-)
5228 above the bottom of the tank.
5229

5230 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5231

5232 **Section 211.6510 Sulfuric Acid Mist**
5233

5234 "Sulfuric acid mist" means sulfuric acid mist as measured according to the method ~~specified~~ in
5235 35 Ill. Adm. Code 214.101(b).
5236

5237 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5238

5239 **Section 211.6530 Surface Condenser**

5240
5241 "Surface condenser" means a device which removes a substance from a gas stream by reducing
5242 the temperature of the stream; without direct contact between the coolant and the stream.

5243
5244 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5245
5246 **Section 211.6535 Surface Preparation**

5247
5248 "Surface ~~preparation~~Preparation" means, for ~~purposes of~~ 35 Ill. Adm. Code 218.187 and
5249 219.187, ~~removing the removal of~~ contaminants such as dust, soil, oil, and grease before
5250 applying prior to coating, adhesive, or ink ~~applications~~.

5251
5252 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5253
5254 **Section 211.6540 Surface Preparation Materials**

5255
5256 "Surface preparation materials" means materials that are used to remove foreign matter; such as
5257 wax, tar, grease, and silicone; from the surface to be coated.

5258
5259 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5260
5261 **Section 211.6550 Synthetic Organic Chemical or Polymer Manufacturing Plant**

5262
5263 "Synthetic organic chemical or polymer manufacturing plant" means a source that produces
5264 chemicals or polymer; as intermediates or final products; ~~chemicals or polymers~~.

5265
5266 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5267
5268 **Section 211.6575 Temporary Protective Coating for Aerospace Applications**

5269
5270 "Temporary protective coating for aerospace applications" means a coating applied to aerospace
5271 surfaces to provide scratch or corrosion protection during manufacturing, storage, or
5272 transportation. Two types include peelable protective coatings and alkaline removable coatings.
5273 These materials are not intended to protect against strong acid or alkaline solutions. This
5274 definition does not include coatings~~Coatings~~ that provide this type of protection from chemical
5275 processing ~~are not included in this category~~.

5276
5277 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5278
5279 **Section 211.6585 Thin Metal Laminating Adhesive**

5280

5281 "Thin metal laminating adhesive" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, any
5282 adhesive intended by the manufacturer ~~to bond for use in bonding~~ multiple layers of metal to
5283 metal or metal to plastic ~~to produce in the production of~~ electronic or magnetic components in
5284 which the ~~bond lines are less than 0.25 mm thick~~ thickness of the bond lines is less than 0.25
5285 millimeters.

5286
5287 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5288

5289 **Section 211.6587 Thin Particleboard**

5290
5291 "Thin ~~particleboard~~ Partieleboard" ~~means~~ is a manufactured board ¼ inch or less in thickness
5292 made of individual wood particles that have been coated with a binder and formed into flat sheets
5293 by pressure.

5294
5295 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5296

5297 **Section 211.6590 Thirty-Day ~~Thirty Day~~ Rolling Average**

5298
5299 "~~Thirty-day~~ Thirty day rolling average" or "30-day rolling average" means any value
5300 arithmetically averaged over any consecutive 30 ~~thirty~~ days.

5301
5302 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5303

5304 **Section 211.6620 Three-Three or Four-Stage ~~Four Stage~~ Coating System**

5305
5306 "~~Three-Three~~ or four-stage ~~four stage~~ coating system" means a topcoat system composed of a
5307 colored basecoat, one or two semi-transparent midcoats, and a transparent clearcoat.

5308
5309 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5310

5311 **Section 211.6630 Through-the-Valve Fill**

5312
5313 "Through-the-value fill" means ~~a method of, with respect to~~ filling ~~of~~ aerosol cans with
5314 propellant, ~~a method of filling cans~~ by injecting propellant into the can through and around the
5315 outlet tube of the can and aerosol valve. Through-the-valve fill is a different method ~~of fill~~ than
5316 under-the-cup fill.

5317
5318 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5319

5320 **Section 211.6640 Tire Repair**

5321

5322 "Tire repair" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a process that includes
5323 expanding a hole, tear, fissure, or blemish in a tire casing by grinding or gouging;
5324 adhesive;
5325 and filling the hole or crevice with rubber.

5326 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5327

5328 **Section 211.6650 Tooling Resin**

5329
5330 "Tooling resin" means resins used to fabricate molds and fixtures used to manufacture
5331 ~~manufacturing of~~ fiberglass products.

5332
5333 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5334

5335 **Section 211.6670 Topcoat**

5336
5337 "Topcoat" means:

- 5338
- 5339 a) Except as used in 35 Ill. Adm. Code 218.204(a)(2) and (q)(5) and 219.204(a)(2),
5340 (q)(5), and (r), a coating applied to a substrate in a multiple coat operation other
5341 than prime coat, primer surfacer coat, or final repair coat;
 - 5342
 - 5343 b) For ~~purposes of~~ 35 Ill. Adm. Code 218.204(a)(2) and 219.204(a)(2), the final
5344 coating system applied to provide the final color, ~~and/or~~ a protective finish, or
5345 both. The topcoat may be a monocoat color or basecoat/clearcoat system. In-line
5346 repair and two-tone are part of topcoat;
 - 5347
 - 5348 c) For ~~purposes of~~ 35 Ill. Adm. Code 218.204(q)(5) and 219.204(q)(5), any final
5349 coating applied to the interior or exterior of a pleasure craft;
 - 5350
 - 5351 d) For ~~the purposes of~~ 35 Ill. Adm. Code 219.204(r), a coating ~~that is~~ applied over a
5352 primer on an aerospace vehicle or component for appearance, identification,
5353 camouflage, or protection. This definition does not include topcoats
5354 Topcoats that
5355 are listed as specialty coatings in 35 Ill. Adm. Code in 219.204(r)(2) are not
5356 included in this definition.

5357 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5358

5359 **Section 211.6695 Topcoat System**

5360
5361 "Topcoat system" means the final film or series of films of coating applied to a motor vehicle
5362 refinishing surface, and includes basecoat/clearcoat systems and three-three or four-stage
5363 four
5364 stage coating systems.

5365 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5366

5367 **Section 211.6710 Touch-Up**
5368

5369 "Touch-up" means, ~~for with respect to~~ polyester resin product manufacturing processes, a portion
5370 of the fabrication process that is necessary to cover minor imperfections.

5371
5372 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5373

5374 **Section 211.6720 Touch-Up Coating**
5375

5376 "Touch-up coating" means:
5377

5378 a) Except as used in 35 Ill. Adm. Code 218.204(q), 219.204(q), and 219.204(r), a
5379 coating applied by brush or ~~hand-held~~ non-refillable aerosol cans to
5380 repair minor surface damage and imperfections.;

5381
5382 b) For ~~purposes of~~ 35 Ill. Adm. Code 218.204(q), 219.204(q), and 219.204(r), a
5383 coating used to cover minor coating imperfections appearing after the main
5384 coating operation.
5385

5386 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5387

5388 **Section 211.6730 Transfer Efficiency**
5389

5390 "Transfer efficiency" means the ratio of the amount of coating solids deposited onto a part or
5391 product to the total amount of coating solids used, during a particular time period.

5392
5393 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5394

5395 **Section 211.6740 Translucent Coating**
5396

5397 "Translucent coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating that
5398 contains binders and pigment, and is formulated to form a colored, but not opaque, film.
5399

5400 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5401

5402 **Section 211.6770 True Vapor Pressure**
5403

5404 "True vapor pressure" means the equilibrium partial pressure exerted by a ~~VOL~~ volatile organic
5405 liquid as determined in ~~compliance~~ accordance with methods ~~described~~ in American Petroleum
5406 Institute Manual of Petroleum Measurement Standards Chapter 19.2 Evaporative Loss from
5407 Floating-roof Tanks (August 2000), Bulletin 2517, "Evaporation Loss From Floating Roof

5408 ~~Tanks," second edition, February 1980~~ (incorporated by reference in 35 Ill. Adm. Code 218.112
 5409 and 219.112).

5410
 5411 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 5412

5413 **Section 211.6780 Trunk Interior Coating**

5414
 5415 "Trunk interior coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating outside
 5416 of the primer surfacer and topcoat operations applied to the trunk interior to provide chip
 5417 protection.

5418
 5419 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 5420

5421 **Section 211.6790 Turnaround**

5422
 5423 "Turnaround" means, ~~for with respect to~~ a refinery process unit, the procedure of shutting down
 5424 an operating refinery unit; emptying gaseous and liquid contents to do inspection, maintenance,
 5425 and repair work; and putting the unit back into production.

5426
 5427 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 5428

5429 **Section 211.6825 Underbody Coating**

5430
 5431 "Underbody coating" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a coating applied to
 5432 the undercarriage or firewall to prevent corrosion, ~~and/or~~ provide chip protection, or both.

5433
 5434 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 5435

5436 **Section 211.6830 Under-the-Cup Fill**

5437
 5438 "Under-the-cup fill" means a method of, ~~with respect to~~ filling ~~of~~ aerosol cans with propellant in
 5439 which, a method of filling cans whereby the propellant is introduced through the junction
 5440 between the annular top of the can and the metal cup which holds the outlet tube and aerosol
 5441 valve. Under-the-cup fill is a different method ~~of fill~~ than through-the-valve fill.

5442
 5443 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 5444

5445 **Section 211.6860 Uniform Finish Blender**

5446
 5447 "Uniform finish blender" means a thinner or low solids clear solution ~~which is~~ used to melt
 5448 overspray from a repaired area into the unrepaired color.

5449
 5450 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5451

5452 **Section 211.6870 Unregulated Safety Relief Valve**

5453

5454 "Unregulated safety relief valve" means a safety relief valve which cannot be ~~activated~~actuated
5455 ~~by a means~~ other than by high pressure in the pipe or vessel ~~which~~ it protects.

5456

5457 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5458

5459 **Section 211.6880 Vacuum Metallizing**

5460

5461 "Vacuum metallizing" means a process in which~~whereby~~ metal is vaporized and deposited on a
5462 substrate in a vacuum chamber.

5463

5464 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5465

5466 **Section 211.6885 Vacuum Metalizing Coating**

5467

5468 "Vacuum metalizing coating" means:

5469

5470 a) For ~~purposes of~~ 35 Ill. Adm. Code 218.204(q)(1) and (q)(2) and 219.204(q)(1)
5471 and (q)(2), the undercoat applied to the substrate on which the metal is deposited
5472 or the overcoat applied directly to the metal film.;

5473

5474 b) For ~~purposes of~~ 35 Ill. Adm. Code 218.204(q)(3) and (q)(4) and 219.204(q)(3)
5475 and (q)(4), the topcoat and basecoat used in a vacuum-metalizing operation.

5476

5477 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5478

5479 **Section 211.6910 Vacuum Service**

5480

5481 "Vacuum service" means, for ~~Subpart~~the purpose of Subpart Q of ~~this~~ 35 Ill. Adm. Code 215,
5482 218, and 219, equipment or a component ~~which is~~ operating at an internal pressure ~~that is~~ at least
5483 5 kPa (0.73 psia) below ambient pressure.

5484

5485 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5486

5487 **Section 211.6930 Valves Not Externally Regulated**

5488

5489 "Valves not externally regulated" means valves, such as in-line check valves, that have no
5490 provision for external adjustment or governance during their operation, ~~such as in-line check~~
5491 ~~valves~~.

5492

5493 (Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 211.6950 Vapor Balance System

"Vapor balance system" means any combination of pipes or hoses which creates a closed system between the vapor spaces of an unloading tank and a receiving tank ~~such~~ that vapors displaced from the receiving tank are transferred to the tank being unloaded.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.6970 Vapor Collection System

"Vapor collection system" means all piping, seals, hoses, connections, pressure-vacuum vents, and other components between the gasoline delivery vessel or marine vessel and the vapor processing unit, ~~and/or~~ the storage tanks, or both.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.6990 Vapor Control System

"Vapor control system" means any system that limits or prevents release to the atmosphere of organic material in the vapors displaced from a tank or marine vessel during the transfer of gasoline or other VOL~~volatile organic liquid~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.7010 Vapor-Mounted Primary Seal

"Vapor-mounted primary seal" means a primary seal mounted with an air space bounded by the bottom of the primary seal, the tank wall, the liquid surface, and the floating roof.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.7030 Vapor Recovery System

"Vapor recovery system" means, ~~for with respect to~~ a storage tank, storing VOL~~a volatile organic liquid~~, a vapor gathering system capable of collecting all ~~volatile organic material (VOM)~~ vapors and gases discharged from the storage tank and a vapor disposal system capable of processing ~~these~~such VOM vapors and gases ~~so as~~ to prevent their emission to the atmosphere.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.7070 Vinyl Coating

5537 "Vinyl coating" means any protective, decorative, or functional coating or ink applied to vinyl or
 5538 urethane or ~~vinyl-vinyl~~ or ~~urethane-urethane~~-coated fabric ~~which is~~ delivered to a coating line or
 5539 printing line as a roll, unwound, and coated as a continuous substrate. This definition does not
 5540 include ~~However, a plastisol is not a vinyl coating.~~

5541
 5542 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 5543

5544 **Section 211.7090 Vinyl Coating Line**
 5545

5546 "Vinyl coating line" means a coating line in which any protective, decorative, or functional
 5547 coating or ink is applied onto vinyl or urethane or ~~vinyl-vinyl~~ or ~~urethane-urethane~~-coated fabric
 5548 ~~which is~~ delivered to a coating line or printing line as a roll, unwound, and coated as a
 5549 continuous substrate. This definition does not include ~~However,~~ application of a plastisol to vinyl
 5550 or urethane or ~~vinyl-vinyl~~ or ~~urethane-urethane~~-coated fabric ~~is not a vinyl coating line or part of~~
 5551 ~~a vinyl coating line.~~

5552
 5553 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 5554

5555 **Section 211.7110 Volatile Organic Liquid (VOL)**
 5556

5557 "Volatile organic liquid (VOL)" means any substance which is liquid at storage conditions and
 5558 ~~which~~ contains VOM ~~volatile organic material.~~

5559
 5560 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 5561

5562 **Section 211.7130 Volatile Organic Material Content (VOMC)**
 5563

5564 "Volatile organic material content (VOMC)" means, for ~~the purpose of~~ 35 Ill. Adm. Code 215,
 5565 the emissions of VOM ~~volatile organic material~~ which would result from ~~exposing~~ ~~the exposure of~~
 5566 a coating, printing ink, fountain solution, tire spray, dry cleaning waste, or other similar material
 5567 to the air, including any drying or curing, ~~without in the absence of~~ any control equipment.

5568 VOMC is typically expressed as kilogram (kg) VOM/liter (lb VOM/gallon) of coating or coating
 5569 solids, or kg VOM/kg (lb VOM/lb) of coating solids, coating, or material.

5570
 5571 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 5572

5573 **Section 211.7150 Volatile Organic Material (VOM) or Volatile Organic Compound (VOC)**
 5574

5575 "Volatile organic material" (VOM) or "volatile organic compound" (VOC) means any compound
 5576 of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or
 5577 carbonates, and ammonium carbonate, that participates in atmospheric photochemical reactions.
 5578

- 5579 a) This definition of VOM includes any organic compound that participates in
 5580 atmospheric photochemical reactions, other than the compounds listed in this
 5581 subsection (a). USEPA has determined that the compounds listed in this
 5582 subsection (a) have negligible photochemical reactivity.
 5583
 5584 2-Amino-2-methylpropan-1-ol (CAS No. 124-68-5)
 5585 Bis(difluoromethoxy)difluoromethane (HFE-235ca12/HFE-236ca12, CAS
 5586 No. 78522-47-1)
 5587 1,2-Bis(difluoromethoxy)-1,1,2,2-tetrafluoroethane
 5588 (HFE-338pcc13, CAS No. 188690-78-0)
 5589 tertiary-Butyl acetate (1,1-dimethylethyl acetic acid ester, CAS No. 540-
 5590 88-5)
 5591 1-Chloro-1,1-difluoroethane (HCFC-142b, CAS No. 75-68-3)
 5592 Chlorodifluoromethane (CFC-22, CAS No. 75-45-6)
 5593 1-Chloro-1-fluoroethane (HCFC-151a, CAS No. 1615-75-4)
 5594 Chlorofluoromethane (HCFC-31, CAS No. 593-70-4)
 5595 Chloropentafluoroethane (CFC-115, CAS No. 76-15-3)
 5596 2-Chloro-1,1,1,2-tetrafluoroethane (HCFC-124, CAS No. 2837-89-0)
 5597 1-Chloro-4-(trifluoromethyl)benzene (parachlorobenzotrifluoride
 5598 (PCBTF), CAS No. 98-56-6)
 5599 (1E)-1-Chloro-3,3,3-trifluoroprop-1-ene (trans-1-chloro-3,3,3-
 5600 trifluoroprop-1-ene, CAS No. 102687-65-0)
 5601 1,1,1,2,2,3,4,5,5,5-Decafluoro-3-methoxy-4-trifluoromethylpentane (HFE-
 5602 7300, CAS No. 132182-92-4)
 5603 1,1,1,2,3,4,4,5,5,5-Decafluoropentane (HFC-4310mee, CAS No. 138495-
 5604 42-8)
 5605 Dichlorodifluoromethane (CFC-12, CAS No. 75-71-8)
 5606 1,1-Dichloro-1-fluoroethane (HCFC-141b, CAS No. 1717-00-6)
 5607 Dichloromethane (methylene chloride, CAS No. 75-09-2)
 5608 1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb, CAS No. 507-
 5609 55-1)
 5610 3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca, CAS No. 422-
 5611 56-0)
 5612 1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC-114, CAS No. 76-14-2)
 5613 1,1-Dichloro-2,2,2-trifluoroethane (HCFC-123, CAS No. 306-83-2)
 5614 1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a, CAS No. 354-23-4)
 5615 1,1-Difluoroethane (HFC-152a, CAS No. 75-37-6)
 5616 Difluoromethane (HFC-32, CAS No. 75-10-5)
 5617 (Difluoromethoxy)difluoromethane (HFE-134, CAS No. 1691-17-4)
 5618 1-(Difluoromethoxy)-2-[(difluoromethoxy)(difluoro)methoxy]-1,1,2,2-
 5619 tetrafluoroethane (HFE-43-10pccc124, CAS No. 188690-77-9)
 5620 2-(Difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoropropane (CAS No.
 5621 163702-08-7)

5622	Dimethyl carbonate (CAS No. 616-38-6)
5623	Ethane (CAS No. 74-84-0)
5624	2-(Ethoxydifluoromethyl)-1,1,1,2,3,3,3-heptafluoropropane (CAS No.
5625	163702-06-5)
5626	3-Ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl)hexane
5627	(HFE-7500, CAS No. 297730-93-9)
5628	1-Ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane (HFE-7200, CAS No.
5629	163702-05-4)
5630	Fluoroethane (ethyl fluoride, HFC-161, CAS No. 353-36-6)
5631	1,1,1,2,2,3,3-Heptafluoro-3-methoxypropane (HFE-7000, CAS No. 375-
5632	03-1)
5633	1,1,1,2,3,3,3-Heptafluoropropane (HFC-227ea, CAS No. 431-89-0)
5634	(Z)-1,1,1,4,4,4-Hexafluorobut-2-ene (HFO-1336mzz-Z, CAS No. 692-49-
5635	9)
5636	1,1,1,2,3,3-Hexafluoropropane (HFC-236ea, CAS No. 431-63-0)
5637	1,1,1,3,3,3-Hexafluoropropane (HFC-236fa, CAS No. 690-39-1)
5638	Methane (CAS No. 74-82-8)
5639	Methyl acetate (methyl ethanoate, CAS No. 79-20-9)
5640	4-Methyl-1,3-dioxolan-2-one (propylene carbonate, CAS No. 108-32-7)
5641	Methyl formate (methyl methanoate, CAS No. 107-31-3)
5642	1,1,1,2,2,3,3,4,4-Nonafluoro-4-methoxybutane (HFE-7100, CAS No.
5643	163702-07-6)
5644	1,1,1,3,3-Pentafluorobutane (HFC-365mfc, CAS No. 406-58-6)
5645	Pentafluoroethane (HFC-125, CAS No. 354-33-6)
5646	1,1,1,2,3-Pentafluoropropane (HFC-245eb, CAS No. 431-31-2)
5647	1,1,1,3,3-Pentafluoropropane (HFC-245fa, CAS No. 460-73-1)
5648	1,1,2,2,3-Pentafluoropropane (HFC-245ca, CAS No. 679-86-7)
5649	1,1,2,3,3-Pentafluoropropane (HFC-245ea, CAS No. 24270-66-4)
5650	Perfluorocarbon compounds that fall into the following classes:
5651	Cyclic, branched, or linear, completely fluorinated alkanes
5652	Cyclic, branched, or linear, completely fluorinated ethers with no
5653	unsaturations
5654	Cyclic, branched, or linear, completely fluorinated tertiary amines
5655	with no unsaturations
5656	Sulfur-containing perfluorocarbons with no unsaturations and with
5657	sulfur bonds only to carbon and fluorine
5658	Propan-2-one (acetone or dimethylketone, CAS No. 67-64-1)
5659	Siloxanes: cyclic, branched, or linear completely-methylated
5660	Tetrachloroethene (perchloroethylene, CAS No. 127-18-4)
5661	1,1,1,2-Tetrafluoroethane (HFC-134a, CAS No. 811-97-2)
5662	1,1,2,2-Tetrafluoroethane (HFC-134, CAS No. 359-35-3)
5663	(1E)-1,3,3,3-Tetrafluoropropene (trans-1,3,3,3-tetrafluoropropene, HFO-
5664	1234ze, CAS No. 29118-24-9)

- 5665 2,3,3,3-Tetrafluoroprop-1-ene (HFO-1234yf, CAS No. 754-12-1)
- 5666 1,1,2,2-tetrafluoro-1-(2,2,2-trifluoroethoxy)ethane (HFE-347pcf2, CAS
- 5667 No. 406-78-0)
- 5668 Trans-1,1,1,4,4,4-hexafluorobut-2-ene (also known as HFO-
- 5669 1336mzz(E); CAS number 66711-86-2))
- 5670 1,1,1-Trichloroethane (methyl chloroform, CAS No. 71-55-6)
- 5671 Trichlorofluoromethane (CFC-11, CAS No. 75-69-4)
- 5672 1,1,2-Trichloro-1,2,2-trifluoroethane (CFC-113, CAS No. 76-13-1)
- 5673 1,1,1-Trifluoroethane (HFC-143a, CAS No. 420-46-2)
- 5674 Trifluoromethane (HFC-23, CAS No. 75-46-7)
- 5675

- 5676 b) ~~To determine~~For purposes of determining VOM emissions and compliance with
- 5677 emissions limits, VOM ~~must~~will be measured by the test methods in the approved
- 5678 implementation plan or 40 CFR 60 ~~Appendix, appendix~~ A, incorporated by
- 5679 reference at 35 Ill. Adm. Code 215.105, 218.112, and 219.112, as applicable, or
- 5680 by source-specific test methods ~~that have been~~ established under a permit issued
- 5681 under a program approved or promulgated under Title V of the Clean Air Act;
- 5682 under 35 Ill. Adm. Code 203; or under Section 9.1(d) of the Act. If ~~that such a~~
- 5683 method also measures compounds with negligible photochemical reactivity, these
- 5684 negligibly reactive compounds may be excluded as VOM if the amount of those
- 5685 compounds is accurately quantified and the Agency approves the exclusion ~~is~~
- 5686 approved by the Agency.
- 5687
- 5688 c) As a precondition to excluding these ~~negligibly reactive~~negligibly reactive
- 5689 compounds as VOM, or at any time after exclusion, the Agency may require an
- 5690 owner or operator to provide monitoring or testing methods and results
- 5691 demonstrating, to the satisfaction of the Agency, the amount of negligibly reactive
- 5692 compounds in the source's emissions.
- 5693
- 5694 d) ~~The~~USEPA will not be bound by any State determination ~~of as to~~ appropriate
- 5695 methods for testing or monitoring negligibly reactive compounds if the
- 5696 determination is not ~~reflected in~~ any of the test methods in subsection (b).
- 5697

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.7170 Volatile Petroleum Liquid

"Volatile petroleum liquid" means any petroleum liquid with a true vapor pressure ~~that is~~ greater than 1.5 psia (78 ~~mm~~millimeters of mercury) at standard conditions.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 211.7190 Wash Coat

5708
 5709 "Wash coat" means a coating containing binders which seals wood surfaces, prevents undesired
 5710 staining, and controls penetration.

5711
 5712 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5713
 5714 **Section 211.7200 Washoff Operations**

5715
 5716 "Washoff operations" means ~~those~~ operations in which organic solvent is used to remove coating
 5717 from a substrate.

5718
 5719 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5720
 5721 **Section 211.7210 Wastewater (Oil/Water) Separator**

5722
 5723 "Wastewater (oil/water) separator" means any device or piece of equipment which ~~uses~~utilizes
 5724 the difference in density between oil and water to remove oil and associated chemicals from
 5725 water, or any device, such as a flocculation tank or a clarifier, which removes petroleum-
 5726 derived~~petroleum-derived~~ compounds from waste water.

5727
 5728 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5729
 5730 **Section 211.7220 Waterproof Resorcinol Glue**

5731
 5732 "Waterproof resorcinol glue" means, for ~~purposes of~~ 35 Ill. Adm. Code 218 and 219, a two-part
 5733 resorcinol resin-based~~resoreinol-resin-based~~ adhesive designed for applications where the bond
 5734 line must be resistant to conditions of continuous immersion in fresh or salt water.

5735
 5736 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5737
 5738 **Section 211.7230 Weak Nitric Acid Manufacturing Process**

5739
 5740 "Weak nitric acid manufacturing process" means any acid-producing~~acid-producing~~ facility
 5741 manufacturing nitric acid with a concentration of less than 70%~~percent~~ by weight.

5742
 5743 (Source: Amended at 50 Ill. Reg. _____, effective _____)

5744
 5745 **Section 211.7240 Weatherstrip Adhesive**

5746
 5747 "Weatherstrip adhesive" means, for ~~purposes of~~ Subparts F of 35 Ill. Adm. Code 218 and 219, an
 5748 adhesive, used at an automobile or light-duty truck assembly coating facility, applied to
 5749 weatherstripping materials to bond~~for the purpose of bonding~~ the weatherstrip material to the
 5750 surface of the vehicle.

5751
5752 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5753

5754 **Section 211.7270 Wholesale Purchase - Consumer**
5755

5756 "Wholesale purchase - consumer" means any person or organization that purchases or obtains
5757 gasoline from a supplier for ultimate consumption or use in motor vehicles and receives delivery
5758 of gasoline into a storage tank with a capacity of at least 2,082 liters (550 gallons)
5759 owned and controlled by that person.

5760
5761 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5762

5763 **Section 211.7290 Wood Furniture**
5764

5765 "Wood furniture" means room furnishings, including cabinets (kitchen, bath, and vanity), tables,
5766 chairs, beds, sofas, shutters, art objects, wood paneling other than flat wood paneling, wood
5767 flooring, and any other coated furnishings made of wood, wood composition, or fabricated wood
5768 materials.

5769
5770 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5771

5772 **Section 211.7310 Wood Furniture Coating**
5773

5774 "Wood furniture coating" means any protective, decorative, or functional coating applied to
5775 wood furniture or wood furniture parts.

5776
5777 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5778

5779 **Section 211.7330 Wood Furniture Coating Line**
5780

5781 "Wood furniture coating line" means a coating line in which any protective, decorative, or
5782 functional coating is applied to wood furniture or wood furniture parts.

5783
5784 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5785

5786 **Section 211.7350 Woodworking**
5787

5788 "Woodworking" means the shaping, sawing, grinding, smoothing, polishing, and making into
5789 products of any form or shape of wood.

5790
5791 (Source: Amended at 50 Ill. Reg. _____, effective _____)
5792

5793 **Section 211.APPENDIX A Rule into Section Table (Repealed)**

5794
5795
5796
5797
5798
5799
5800
5801
5802

~~RULE~~ ~~SECTION~~

~~201~~ ~~211.121 and 211.122~~

(Source: Repealed at 50 Ill. Reg. _____, effective _____)

Section 211.APPENDIX B Section into Rule Table (Repealed)

~~SECTION~~ ~~RULE~~

~~211.101~~ ~~—~~
~~211.102~~ ~~—~~
~~211.121~~ ~~Rule 201~~
~~211.122~~ ~~Rule 201~~

(Source: Repealed at 50 Ill. Reg. _____, effective _____)

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TITLE 35: ENVIRONMENTAL PROTECTION

SUBTITLE B: AIR POLLUTION

CHAPTER I: POLLUTION CONTROL BOARD

SUBCHAPTER c: EMISSION STANDARDS AND LIMITATIONS
FOR STATIONARY SOURCES

PART 212

VISIBLE AND PARTICULATE MATTER EMISSIONS

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212.107	Measurement Method for Visible Emissions
212.108	Measurement Methods for PM₁₀ PM-10 Emissions and <u>Condensable</u> <u>PM₁₀</u> Condensable PM-10 Emissions
212.109	Measurement Methods for Opacity
212.110	Measurement Methods for For Particulate Matter
212.111	Abbreviations and Units
212.112	Definitions
212.113	Incorporations by Reference

SUBPART B: VISIBLE EMISSIONS

Section	
212.121	Opacity Standards (Repealed)
212.122	Visible Emissions Limitations for Certain Emission Units For Which Construction or Modification Commenced On or After April 14, 1972
212.123	Visible Emissions Limitations for All Other Emission Units
212.124	Exceptions
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SUBPART D: PARTICULATE MATTER EMISSIONS FROM INCINERATORS

Section	
212.181	Limitations for Incinerators
212.182	Aqueous Waste Incinerators
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212.184	Explosive Waste Incinerators

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212.185 Continuous Automatic Stoking Animal Pathological Waste Incinerators

SUBPART E: PARTICULATE MATTER EMISSIONS
FROM FUEL COMBUSTION EMISSION UNITS

Section

- 212.201 Emission Units For Which Construction or Modification Commenced Prior to April 14, 1972, Using Only Solid Fuel ~~and~~Exclusively Located in the Chicago Area
- 212.202 Emission Units For Which Construction or Modification Commenced Prior to April 14, 1972, Using Only Solid Fuel ~~and~~Exclusively Located Outside the Chicago Area
- 212.203 Controlled Emission Units For Which Construction or Modification Commenced ~~Before~~Prior to April 14, 1972, Using Only Solid Fuel ~~Exclusively~~
- 212.204 Emission Units For Which Construction or Modification Commenced On or After April 14, 1972, Using Only Solid Fuel ~~Exclusively~~
- 212.205 Coal-fired Industrial Boilers For Which Construction or Modification Commenced ~~Before~~Prior to April 14, 1972, Equipped with Flue Gas Desulfurization Systems
- 212.206 Emission Units Using Only Liquid Fuel ~~Exclusively~~
- 212.207 Emission Units Using More Than One Type of Fuel
- 212.208 Aggregation of Emission Units For Which Construction or Modification Commenced ~~Before~~Prior to April 14, 1972
- 212.209 Village of Winnetka Generating Station (Repealed)
- 212.210 Emissions Limitations for Certain Fuel Combustion Emission Units Located in the Vicinity of Granite City

SUBPART K: FUGITIVE PARTICULATE MATTER

Section

- 212.301 Fugitive Particulate Matter
- 212.302 Geographical Areas of Application
- 212.304 Storage Piles
- 212.305 Conveyor Loading Operations
- 212.306 Traffic Areas
- 212.307 Materials Collected by Pollution Control Equipment
- 212.308 Spraying or Choke-Feeding Required
- 212.309 Operating Program
- 212.310 Minimum Operating Program
- 212.312 Amendment to Operating Program

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- 212.313 Emission Standard for Particulate Collection Equipment
- 212.314 Exception for Excess Wind Speed
- 212.315 Covering for Vehicles
- 212.316 Emissions Limitations for Emission Units in Certain Areas

SUBPART L: PARTICULATE MATTER EMISSIONS
FROM PROCESS EMISSION UNITS

- Section
- 212.321 Process Emission Units For Which Construction or Modification Commenced On or After April 14, 1972
- 212.322 Process Emission Units For Which Construction or Modification Commenced ~~Before~~Prior to April 14, 1972
- 212.323 Stock Piles
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SUBPART N: FOOD MANUFACTURING

- Section
- 212.361 Corn Wet Milling Processes
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SUBPART O: PETROLEUM REFINING,
PETROCHEMICAL, AND CHEMICAL MANUFACTURING

- Section
- 212.381 Catalyst Regenerators of Fluidized Catalytic Converters

SUBPART Q: STONE, CLAY, GLASS, AND
CONCRETE MANUFACTURING

- Section
- 212.421 Portland Cement Processes For Which Construction or Modification Commenced On or After April 14, 1972
- 212.422 Portland Cement Manufacturing Processes
- 212.423 Emission Limits for the Portland Cement Manufacturing Plant Located in LaSalle County, South of the Illinois River (Repealed)
- 212.424 Fugitive Particulate Matter Control for the Portland Cement Manufacturing Plant and Associated Quarry Operations Located in LaSalle County, South of the Illinois River (Repealed)

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212.425 Emission Units in Certain Areas

SUBPART R: PRIMARY AND FABRICATED METAL
PRODUCTS AND MACHINERY MANUFACTURE

Section

212.441 Steel Manufacturing Processes
212.442 Beehive Coke Ovens
212.443 Coke Plants
212.444 Sinter Processes
212.445 Blast Furnace Cast Houses
212.446 Basic Oxygen Furnaces
212.447 Hot Metal Desulfurization Not Located in the BOF
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212.449 Argon-Oxygen Decarburization Vessels
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212.452 Measurement Methods
212.455 Highlines on Steel Mills
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212.457 Certain Small Iron-Melting Air Furnaces
212.458 Emission Units in Certain Areas

SUBPART S: AGRICULTURE

Section

212.461 Grain-Handling and Drying in General
212.462 Grain-Handling Operations
212.463 Grain Drying Operations
212.464 Sources in Certain Areas

SUBPART T: CONSTRUCTION AND WOOD PRODUCTS

Section

212.681 Grinding, Woodworking, Sandblasting, and Shotblasting

SUBPART U: ADDITIONAL CONTROL MEASURES

Section

212.700 Applicability

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- 212.701 Contingency Measure Plans, Submittal, and Compliance Date
- 212.702 Determination of Contributing Sources
- 212.703 Contingency Measure Plan Elements
- 212.704 Implementation
- 212.705 Alternative Implementation

- 212. ~~APPENDIX~~ ~~Appendix~~ A Rule into Section Table ~~(Repealed)~~
- 212. ~~APPENDIX~~ ~~Appendix~~ B Section into Rule Table ~~(Repealed)~~
- 212. ~~APPENDIX~~ ~~Appendix~~ C Past Compliance Dates ~~(Repealed)~~
- 212. ~~ILLUSTRATION~~ ~~Illustration~~ A Allowable Emissions from Solid Fuel Combustion Emission Sources Outside Chicago ~~(Repealed)~~
- 212. ~~ILLUSTRATION~~ ~~Illustration~~ B Limitations for all New Process Emission Sources ~~(Repealed)~~
- 212. ~~ILLUSTRATION~~ ~~Illustration~~ C Limitations for all Existing Process Emission Sources ~~(Repealed)~~
- 212. ~~ILLUSTRATION~~ ~~Illustration~~ D McCook Vicinity Map
- 212. ~~ILLUSTRATION~~ ~~Illustration~~ E Lake Calumet Vicinity Map
- 212. ~~ILLUSTRATION~~ ~~Illustration~~ F Granite City Vicinity Map

AUTHORITY: Implementing Section 10 and authorized by Sections 27 and 28.5 of the Environmental Protection Act [415 ILCS 5/10, 27 and 28.5].

SOURCE: Adopted as Chapter 2: Air Pollution, Rules 202 and 203: Visual and Particulate Emission Standards and Limitations, R71-23, 4 PCB 191, filed and effective April 14, 1972; amended in R77-15, 32 PCB 403, at 3 Ill. Reg. 5, p. 798, effective February 3, 1979; amended in R78-10, 35 PCB 347, at 3 Ill. Reg. 39, p. 184, effective September 28, 1979; amended in R78-11, 35 PCB 505, at 3 Ill. Reg. 45, p. 100, effective October 26, 1979; amended in R78-9, 38 PCB 411, at 4 Ill. Reg. 24, p. 514, effective June 4, 1980; amended in R79-11, 43 PCB 481, at 5 Ill. Reg. 11590, effective October 19, 1981; codified at 7 Ill. Reg. 13591; amended in R82-1 (Docket A), at 10 Ill. Reg. 12637, effective July 9, 1986; amended in R85-33 at 10 Ill. Reg. 18030, effective October 7, 1986; amended in R84-48 at 11 Ill. Reg. 691, effective December 18, 1986; amended in R84-42 at 11 Ill. Reg. 1410, effective December 30, 1986; amended in R82-1 (Docket B) at 12 Ill. Reg. 12492, effective July 13, 1988; amended in R91-6 at 15 Ill. Reg. 15708, effective October 4, 1991; amended in R89-7(B) at 15 Ill. Reg. 17710, effective November 26, 1991; amended in R91-22 at 16 Ill. Reg. 7880, effective May 11, 1992; amended in R91-35 at 16 Ill. Reg. 8204, effective May 15, 1992; amended in R93-30 at 18 Ill. Reg. 11587, effective July 11, 1994; amended in R96-5 at 20 Ill. Reg. 7605, effective May 22, 1996; amended in R23-18 at 47 Ill. Reg. 12107, effective July 25, 2023; amended in R23-18(A) at 48 Ill. Reg. 13711, effective August 30, 2024; amended in R18-21 at 50 Ill. Reg. _____, effective _____.

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SUBPART A: GENERAL

Section 212.100 Scope and Organization

- a) This Part contains standards and limitations for visible and particulate matter emissions from stationary emission units.
- b) Permits for sources subject to this Part may be required ~~underpursuant to~~ 35 Ill. Adm. Code 201.
- c) ~~Despite Notwithstanding~~ the provisions of this Part, the air quality standards ~~contained~~ in 35 Ill. Adm. Code 243 may not be violated.
- d) This Part includes ~~the following~~ Subparts ~~which are arranged as follows~~:
 - 1) Subpart A: General Provisions;
 - 2) Subpart B: Visible Emissions;
 - 3) Subparts C-J: Incinerators and Fuel Combustion Emission Units;
 - 4) Subparts K-M: Fugitive and Process Emission Units;
 - 5) Subparts N-T: ~~Site-specific~~ ~~Site specific~~ and ~~industry-specific~~ ~~industry specific~~ rules; and
 - 6) Subpart U: Additional control measures.

BOARD NOTE: While subsection (d) describes the organization of this Part, the rules themselves establish their applicability and effect.

- e) ~~Rules have been grouped for the convenience of the public; the scope of each is determined by its language and history.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.107 Measurement Method for Visible Emissions

For both fugitive and nonfugitive particulate matter emissions, ~~determining a~~ ~~determination as to~~

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the presence or absence of visible emissions from emission units ~~must~~ shall be conducted in ~~compliance~~ accordance with Method 22, 40 CFR ~~part 60.5~~ Appendix A, incorporated by reference in Section 212.113 ~~of this Subpart~~, except that the length of the observing period ~~is~~ shall be at the discretion of the observer; but ~~must~~ not be less than one minute. This Subpart ~~does~~ shall not apply to Section 212.301 ~~of this Part~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.108 Measurement Methods for ~~PM₁₀~~ ~~PM-10~~ Emissions and Condensable PM₁₀ ~~Condensable PM-10~~ Emissions

- a) Emissions of PM₁₀ ~~must~~ shall be measured by any of the following methods at the option of the owner or operator of an emission unit.
 - 1) Method 201, 40 CFR ~~part 51.5~~ Appendix M, incorporated by reference in Section 212.113 ~~of this Subpart~~.
 - 2) Method 201A, 40 CFR ~~part 51.5~~ Appendix M, incorporated by reference in Section 212.113 ~~of this Subpart~~.
 - 3) Method 5, 40 CFR ~~part 60.5~~ Appendix A, incorporated by reference in Section 212.113; ~~however, of this Subpart, provided that~~ all particulate matter measured by Method 5 ~~must~~ shall be considered to be PM₁₀ ~~10~~.
- b) Emissions of ~~condensable~~ condensable PM₁₀ ~~must~~ shall be measured by Method 202, 40 CFR ~~part 51.5~~ Appendix M, incorporated by reference in Section 212.113 ~~of this Subpart~~.
- c) The volumetric flow rate and gas velocity for stack test methods ~~must~~ shall be determined in ~~compliance~~ accordance with Methods 1, 1A, 2, 2A, 2C, 2D, 3, or 4, 40 CFR ~~part 60.5~~ Appendix A, incorporated by reference in Section 212.113 ~~of this Subpart~~.
- d) ~~After~~ Upon a written notification by the Illinois Environmental Protection Agency (~~Agency~~), the owner or operator of a PM₁₀ ~~10~~ emission unit subject to this Section ~~must~~ shall conduct the applicable testing for PM₁₀ ~~10~~ emissions, ~~condensable~~ condensable PM₁₀ ~~10~~ emissions, opacity, or visible emissions at the owner's or operator's ~~such person's~~ own expense; to demonstrate compliance. ~~These~~ Such test results ~~must~~ shall be submitted to the Agency within ~~thirty~~ (30) days after conducting the test unless the Agency agrees to an alternative time to

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~~submit them for submittal is agreed to by the Agency.~~

- e) A person planning to conduct testing for PM₁₀₋₁₀ or ~~condensable~~ condensable PM₁₀₋₁₀ emissions to demonstrate compliance ~~must~~ shall give written notice of that intent to the Agency ~~of that intent. Such notification shall be given~~ at least ~~thirty (30)~~ days ~~before initiating~~ prior to initiation of the test, unless the Agency agrees to a shorter ~~period to submit notice~~ pre-notification is agreed to by the Agency. ~~The~~ Such notification ~~must~~ shall state the specific test methods from subsection (a) ~~of this Section~~ that will be used.
- f) The owner or operator of an emission unit subject to this Section ~~must~~ shall retain records of all tests which are performed. These records ~~must~~ shall be retained for at least three ~~(3)~~ years after the owner or operator preforms ~~date~~ a test ~~is performed.~~
- g) This Section ~~does~~ shall not affect the authority of the United States Environmental Protection Agency (USEPA) under Section 114 of the Clean Air Act (CAA) (42 U.S.C. ~~Section~~ 7414 (1990)).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.109 Measurement Methods for Opacity

Except as otherwise provided in this Part, and except for the methods of data reduction when applied to Sections 212.122 and 212.123 ~~of this Part~~, measurements of opacity ~~must~~ shall be conducted in ~~compliance~~ accordance with Method 9, 40 CFR ~~part 60,~~ Appendix A, and the procedures in 40 CFR 60.675(c) and (d), if applicable, incorporated by reference in Section 212.113 ~~of this Subpart~~, except that ~~for~~ roadways and parking areas ~~require three~~ the number of readings ~~taken at 5-second intervals~~ required for each vehicle pass ~~will be three taken at 5-second intervals.~~ The first reading ~~must~~ shall be at the point of maximum opacity, and second and third readings ~~must~~ shall be made at the same point ~~with~~, the observer standing at right angles to the plume at least 15 feet away from the plume and observing ~~four~~ 4 feet above the surface of the roadway or parking area. After four vehicles have passed, the 12 readings will be averaged.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.110 Measurement Methods ~~for~~ For Particulate Matter

- a) Measurement of particulate matter emissions from stationary emission units subject to this Part ~~must~~ shall be conducted in ~~compliance~~ accordance with 40 CFR

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~~part 60.5~~ Appendix A, Methods 5, 5A, 5D, or 5E, ~~as~~ incorporated by reference in Section 212.113 ~~of this Subpart~~.

- b) The volumetric flow rate and gas velocity ~~must~~shall be determined in ~~compliance accordance~~ with 40 CFR ~~part 60.5~~ Appendix A, Methods 1, 1A, 2, 2A, 2C, 2D, 3, and 4, incorporated by reference in Section 212.113 ~~of this Subpart~~.
- c) ~~After~~Upon a written notification by the Agency, the owner or operator of a particulate matter emission unit subject to this Part ~~must~~shall conduct the applicable testing for particulate matter emissions, opacity, or visible emissions at ~~the owner's or operator's such person's~~ own expense, to demonstrate compliance. ~~The Such~~ test results ~~must~~shall be submitted to the Agency within ~~thirty (30)~~ days after conducting the test unless the Agency agrees to an alternative time to submit them for submittal is agreed to by the Agency.
- d) A person planning to conduct testing for particulate matter emissions to demonstrate compliance ~~must~~shall give written notice of that intent to the Agency ~~of that intent. Such notification shall be given~~ at least ~~thirty (30)~~ days before initiating prior to the initiation of the test unless the Agency agrees to a shorter period to submit notice is agreed to by the Agency. ~~This Such~~ notification ~~must~~shall state the specific test methods from this Section that will be used.
- e) The owner or operator of an emission unit subject to this Part ~~must~~shall retain records of all tests which are performed. ~~These records shall be retained~~ for at least three ~~(3)~~ years after the date the owner or operator performs a test ~~is performed~~.
- f) This Section ~~does~~shall not affect the authority of the USEPA under Section 114 of the CAA.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.111 Abbreviations and Units

- a) This Part uses the~~The~~ following abbreviations ~~are used in this Part~~:

btu	British thermal units (60¼ °F)
dscf	dry standard cubic foot
ft	foot
ft ²	square feet

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fpm	feet per minute
gal	gallon
gr	grains
gr/scf	grains per standard cubic foot
gr/dscf	grains per dry standard cubic foot
hr	hour
J	Joule
kg	kilogram
kg/MW-hr	kilograms per megawatt-hour
km	kilometer
L or l or ℓ	liter
lbs	pounds
lbs/hr	pounds per hour
lbs/MMbtummbtu	pounds per million btu
m	meter
m ²	square meters
mph	miles per hour
mg	milligram
mg/scm	milligrams per standard cubic meter
mg/dscm	milligrams per dry standard cubic meter
mg/L	milligrams per liter
Mg	megagram, metric ton or tonne
mi	mile
MMbtummbtu	million British thermal units
MMbtummbtu/hr	million British thermal units per hour
MW	megawatt; one million watts
MW-hr	megawatt-hour
ng	nanogram; one billionth of a gram
ng/J	nanograms per Joule
scf	standard cubic foot
scfm	standard cubic feet per minute
scm	standard cubic meter
T	short ton (2000 lbs)
yd ²	square yards

b) This Part uses theThe following conversion factors ~~have been used in this Part~~:

English	Metric
2.205 lb	1 kg
1 T	0.907 Mg

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1 lb/T	0.500 kg/Mg
MMbtu mmbtu /hr	0.293 MW
1 lb/ MMbtu mmbtu	1.548 kg/MW-hr or 430 ng/J
1 mi	1.61 km
1 gr	64.81 mg
1 gr/scf	2,289 2289 mg/scm
1 ft ²	0.0929 m ²
1 ft	0.3048 m
1 gal	3.785 L

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.113 Incorporations by Reference

The following materials are incorporated by reference. These incorporations do not include any later amendments or editions.

- a) 40 CFR ~~part 60~~ ~~(2024)~~, ~~Appendix A~~ ~~(1991)~~:
 - 1) Appendix A-1
 - A) Method 1: Sample and Velocity Traverses for Stationary Sources;
 - B2) Method 1A: Sample and Velocity Traverses for Stationary ~~Source~~ Sources with Small Stacks or Ducts;
 - C3) Method 2: Determination of Stack Gas Velocity and Volumetric Flow Rate (Type S pitot tube);
 - D4) Method 2A: Direct Measurement of Gas Volume Through Pipes and Small Ducts;
 - E5) Method 2C: Determination of ~~Stack~~ Gas Velocity and Volumetric Flow Rate in Small Stacks or Ducts (Standard Pitot Tube);
 - F6) Method 2D: Measurement of Gas ~~Volume~~ Volumetric Flow Rates in Small Pipes and Ducts;
 - 27) Appendix A-2. Method 3: Gas Analysis for Determination of Carbon Dioxide, Oxygen, Excess Air, and Dry Molecular Weight;

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38) Appendix A-3

A) Method 4: Determination of Moisture Content in Stack Gases;

B9) Method 5: Determination of Particulate Emissions From Stationary Sources;

C10) Method 5A: Determination of Particulate Emissions From the Asphalt Processing and Asphalt Roofing Industry;

D11) Method 5D: Determination of Particulate Matter Emissions From Positive Pressure Fabric Filters;

E12) Method 5E: Determination of Particulate Emissions From the Wool Fiberglass Insulation Manufacturing Industry;

413) Appendix A-4. Method 9: Visual Determination of the Opacity of Emissions from Stationary Sources;

514) Appendix A-7. Method 22: Visual Determination of Fugitive Emissions from Material Sources and Smoke Emissions from Flares.

b) 40 CFR ~~part 51~~.Appendix M (20241994):

1) Method 201: Determination of PM₁₀₋₁₀ Emissions (Exhaust Gas Recycle Procedure);

2) Method 201A: Determination of PM₁₀ and PM_{2.5-10} Emissions from Stationary Sources (Constant Sampling Rate Procedure);

3) Method 202: Dry Impinger Method for Determining~~Determination of~~ Condensible Particulate Emissions from Stationary Sources.

c) 40 CFR 60.672(b), (c), (d) and (e) (20241994).

d) 40 CFR 60.675(c) and (d) (20241994).

e) ASAE Standard S248.3-MAR1976 (R2020), Construction and Rating of Equipment for Drying Farm Crops~~248.2, Section 9, Basis for Stating Drying~~

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~~Capacity of Batch and Continuous Flow Grain Dryers~~, American Society of Agricultural Engineers, 2950 Niles Road, St. Joseph, MI 49085.

- f) U.S. Sieve Series, ~~ASTM-E11-24 Standard Specification for Woven Wire Test Sieve Cloth and Test Sieves~~~~ASTM-E11~~, American Society of Testing Materials, 1916 Race Street, Philadelphia, PA 19103.
- g) Standard Methods for the Examination of Water and Wastewater, Section ~~2540C~~, ~~Total Dissolved Solids Dried at 180 °C~~, ~~24th209C~~, ~~"Total Filtrable Residue Dried at 103-105--C"~~, ~~15th~~ Edition, ~~2020~~~~1980~~, American Public Health Association, 1015 Fifteenth Street, N.W., Washington, D.C. 20005.
- h) "Guideline on the Identification and Use of Air Quality Data Affected by Exceptional Events," U.S. Environmental Protection Agency, Office of Air and Radiation, Office of Air Quality Planning and Standards Monitoring and Data Analysis Division, Research Triangle Park, N.C. 27711, EPA-450/4-86-007 July 1986.
- i) "Guideline on Air Quality Models (Revised)," U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, Research Triangle Park, N.C. 27711, EPA-450/2-78-027R July 1986.
- j) 40 CFR 50, Appendix K (~~2024~~~~1992~~), "Interpretation of the National Ambient Air Quality ~~Standards~~~~Standard~~ for Particulate Matter".

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART B: VISIBLE EMISSIONS

Section 212.122 Visible Emissions Limitations for Certain Emission Units For Which Construction or Modification Commenced On or After April 14, 1972

- a) ~~A~~~~No~~ person ~~must not~~~~shall~~ cause or allow the emission of smoke or other particulate matter ~~with an opacity greater than 20%~~ into the atmosphere from any fuel combustion emission unit ~~with actual heat input greater than 73.2 MW (250 MMbtu/hr)~~ for which construction or modification commenced on or after April 14, 1972, ~~with actual heat input greater than 73.2 MW (250 mmbtu/hr), having an opacity greater than 20 percent.~~
- b) The emissions of smoke or other particulate matter from ~~these~~~~any such~~ emission

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~~units~~unit may have an opacity greater than ~~20%20 percent~~ but not greater than ~~40%40 percent~~ for a period or periods aggregating ~~three3~~ minutes in any ~~60-minute60 minute~~ period, ~~if providing that such~~ opaque emission permitted during any ~~60-minute60 minute~~ period shall occur from only one ~~such~~ emission unit located within a 305 m (~~1,0001000~~ ft) radius from the center point of any other ~~such~~ emission unit owned or operated by ~~that~~such person and ~~if provided further that such~~ opaque emissions permitted from each ~~such~~ fuel combustion emission unit ~~are~~shall be limited to ~~three3~~ times in any ~~24-hour24 hour~~ period.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.123 Visible Emissions Limitations for All Other Emission Units

- a) ~~A~~No person ~~must not~~shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than ~~30%30 percent~~, into the atmosphere from any emission unit other than those ~~emission units~~ subject to Section 212.122 ~~of this Subpart~~.
- b) The emission of smoke or other particulate matter from ~~these~~any ~~such~~ emission ~~units~~unit may have an opacity greater than ~~30%30 percent~~ but not greater than ~~60%60 percent~~ for a period or periods aggregating ~~eight8~~ minutes in any ~~60-minute60 minute~~ period ~~if provided that such~~ opaque emissions permitted during any ~~60-minute60 minute~~ period shall occur from only one ~~such~~ emission unit located within a 305 m (~~1,0001000~~ ft) radius from the center point of any other ~~such~~ emission unit owned or operated by ~~that~~such person, and ~~if provided further that such~~ opaque emissions permitted from each ~~such~~ emission unit ~~are~~shall be limited to ~~three3~~ times in any ~~24-hour24 hour~~ period.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.124 Exceptions

- a) Sections 212.122 and 212.123 ~~do~~will not apply to emissions of water or water vapor from an emission unit.
- b) An emission unit that has obtained an adjusted opacity standard in compliance with Section 212.126 ~~is~~will be subject to that standard rather than the limitations of Section 212.122 or 212.123.
- c) Compliance with Particulate Emissions Limitations as a Defense.

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- 1) For all emission units that are not subject to Section 111 or 112 of the CAA and Section 212.201, 212.202, 212.203, or 212.204 but are subject to Section 212.122 or 212.123, the opacity limitations of Sections 212.122 and 212.123 ~~do will~~ not apply if it is shown that the emission unit was, at the time of emission, in compliance with the applicable particulate emissions limitations of Subparts D through T.
- 2) For all emission units that are not subject to Section 111 or 112 of the CAA but are subject to Section 212.201, 212.202, 212.203, or 212.204:
 - A) ~~Exceeding An exceedance of~~ the limitations of Section 212.122 or 212.123 ~~constitutes will constitute~~ a violation of the applicable particulate limitations of Subparts D through T. It ~~is will be~~ a defense to a violation of the applicable particulate limitations if, during a subsequent performance test conducted within a reasonable time not to exceed 60 days, under the same operating conditions for the unit and the control devices, and in ~~compliance accordance~~ with ~~Method 5,~~ 40 CFR 60, ~~Method 5,~~ incorporated by reference in Section 212.113, the owner or operator shows that the emission unit is ~~complying in compliance~~ with the particulate emission limitations.
 - B) It ~~is will be~~ a defense to ~~exceeding an exceedance of~~ the opacity limit if, during a subsequent performance test conducted within a reasonable time not to exceed 60 days, under the same operating conditions of the emission unit and the control devices, and in ~~compliance accordance~~ with Method 5, 40 CFR ~~part 60,~~ Appendix A, incorporated by reference in Section 212.113, the owner or operator shows that the emission unit is ~~complying in compliance~~ with the allowable particulate emissions limitation while, simultaneously, having visible emissions equal to or greater than the opacity exceedance as originally observed.
- d) During startup of coal-fired boiler 1 or 2 at the Baldwin Energy Complex, coal-fired boiler 1 or 2 at the Kincaid Power Station, coal-fired boiler 1 at Newton Power Station, or coal-fired boiler 51, 52, 61, or 62 at the Powerton Generating Station, or malfunction or breakdown of these boilers or the air pollution control equipment serving these boilers, when a six-minute average opacity exceeds the

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applicable limitation in Section 212.122(a) or 212.123(a), compliance with the limitation may alternatively be demonstrated as follows:

- 1) Alternative Averaging Period.
 - A) For Baldwin Energy Complex coal-fired boilers 1 and 2, compliance for that six-minute period may be determined based on opacity readings averaged over a period of up to one hour beginning with the six-minute period ~~exceeding in excess of~~ the applicable standard.
 - B) For Kincaid Power Station coal-fired boilers 1 and 2, Newton Power Station coal-fired boiler 1, and Powerton Generating Station coal-fired boilers 51, 52, 61, and 62, compliance for that six-minute period may be determined based on opacity readings averaged over a period of up to three hours beginning with the six-minute period ~~exceeding in excess of~~ the applicable standard.
- 2) Recordkeeping and Reporting.
 - A) Any owner or operator complying with the alternative averaging period in subsection (d)(1) must maintain records of these average opacity calculations and report these calculations to the Agency as part of the next quarterly excess emissions report for the source.
 - B) For each startup, the report must include:
 - i) The date, time, and duration of the startup.
 - ii) A description of the startup.
 - iii) The reasons for the startup.
 - iv) An indication of whether written startup procedures were followed. If any were not, the report must describe all departures from established procedures and all reasons the procedures could not be followed.

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- v) A description of all actions taken to minimize the magnitude or duration of opacity requiring the use of the alternative averaging period in subsection (d)(1).
 - vi) An explanation of whether similar incidents could be prevented in the future and, if so, a description of the actions taken or to be taken to prevent similar incidents in the future.
 - vii) Confirmation that the requirements of subsection (d)(3) have been fulfilled.
- C) For each malfunction and breakdown, the report must include:
- i) The date, time, and duration (i.e., the length of time during which operation continued with opacity exceeding the applicable limitation in Section 212.122(a) or 212.123(a) on a six-minute average basis) until corrective actions were taken or the boiler was taken out of service.
 - ii) A description of the incident.
 - iii) Any corrective actions used to reduce the magnitude or duration of opacity requiring the use of the alternative averaging period in subsection (d)(1).
 - iv) Confirmation that the requirements of subsections (d)(2)(D) and (d)(3) have been fulfilled.
- D) Any person who causes or allows the continued operation of a coal-fired boiler during a malfunction or breakdown of the coal-fired boiler or related air pollution control equipment when that continued operation would require compliance with the alternative averaging period in subsection (d)(1) must immediately report the incident to the Agency by telephone at 217-782-3397 and as otherwise provided in the operating permit. After that, this person must comply with all lawful directives of the Agency regarding the incident.

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- 3) Work Practices. Any person relying on the alternative averaging period in subsection (d)(1) must comply with the following work practices.
- A) Operate the coal-fired boiler and related air pollution control equipment in a manner consistent with good engineering practice for minimizing opacity during startup, malfunction, or breakdown.
 - B) Use good engineering practices and best efforts to minimize the frequency and duration of operation in startup, malfunction, and breakdown.
- e) During startup of the emission unit designated Kiln 1 or Kiln 2 at the petroleum coke calcining facility located in Robinson, Illinois, when average opacity exceeds ~~30%~~~~30 percent~~ for a six-minute period, under Section 212.123(a), compliance with Section 212.123(a) may alternatively be determined based on the average of opacity readings taken during a one-hour period using Test Method 9 (40 CFR 60.5-Appendix A-4, incorporated by reference in Section 212.113). However, compliance may be based on the average of up to three one-hour average periods if compliance is not demonstrated during the preceding hours. For this subsection (e), "startup" means the time from when green coke feed is introduced into the kiln until the temperature at the pyroscrubber inlet servicing the kiln achieves a minimum operating temperature of 1800 °F (based on a three-hour rolling average).
- f) Section 212.123 ~~does~~~~will~~ not apply to emission units subject to 35 Ill. Adm. Code 217.381(a).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.125 Determination of Violations

Violations of Sections 212.122 and 212.123 ~~are of this Subpart shall be~~ determined by:

- a) ~~Visual~~~~By visual~~ observations conducted in ~~compliance~~~~accordance~~ with Section 212.109 ~~of this Part~~; ~~or~~
- b) ~~Use~~~~By the use~~ of a calibrated smoke evaluation device approved by the Agency ~~under as specified in Subpart J of~~ 35 Ill. Adm. Code 201 ~~.Subpart J~~; ~~or~~
- c) ~~Use~~~~By the use~~ of a smoke monitor located in the stack and approved by the

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Agency ~~underas specified in Subpart J or L of~~ 35 Ill. Adm. Code 201. ~~Subpart J or L.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.126 Adjusted Opacity Standards Procedures

- a) ~~Under Pursuant to~~ Section 28.1 of the Environmental Protection Act (Act) (~~[415 ILCS 5/28.1]~~), and in ~~compliance accordance~~ with 35 Ill. Adm. Code 106, Subpart E, ~~provisions for~~ adjusted standards for visible emissions for emission units subject to Sections 212.201, 212.202, 212.203, or 212.204 ~~may of this Part shall~~ be granted by the Board to the extent consistent with federal law, based upon a demonstration by ~~ansuch~~ owner or operator that the results of a performance test conducted ~~under pursuant to~~ this Section, Section 212.110 ~~of this Part~~, and Methods 5 and 9 of 40 CFR ~~part 60,~~ Appendix A, incorporated by reference in Section 212.113 ~~of this Part~~, show that the emission unit meets the applicable particulate emission limitations at the same time that the visible emissions exceed the otherwise applicable standards of Sections 212.121 through 212.125 ~~of this Subpart.~~ ~~Adjusted Such adjusted~~ opacity limitations must:
- 1) ~~Be Shall be~~ specified as a condition in operating permits issued ~~under pursuant to~~ 35 Ill. Adm. Code 201 and Section 39.5 of the Act;
 - 2) ~~Substitute Shall substitute~~ for ~~thethat limitation~~ otherwise applicable limitation;
 - 3) ~~Not Shall not~~ allow an opacity greater than ~~60%60 percent~~ at any time; and
 - 4) ~~Allow Shall allow~~ opacity for one six-minute averaging period in any ~~60-minute60 minute~~ period to exceed the adjusted opacity standard.
- b) ~~To establish For the purpose of establishing~~ an adjusted opacity standard, any owner or operator of an emission unit which meets the requirements of subsection (a) ~~of this Section~~, may request the Agency to determine the average opacity of the emissions from the emission unit during any performance tests conducted ~~under pursuant to~~ Section 212.110 ~~of this Part~~ and Methods 5 and 9 of 40 CFR ~~part 60,~~ Appendix A, incorporated by reference in Section 212.113 ~~of this Part~~. The Agency ~~must shall~~ refuse to accept the results of emissions tests if not conducted ~~in compliance with pursuant to~~ this Section.

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- c) Any request ~~to determine for the determination of~~ the average opacity of emissions ~~must shall~~ be made in writing, ~~must shall~~ include the time and place of the performance test and test specifications and procedures, and ~~must shall~~ be submitted to the Agency at least ~~thirty (30)~~ days before the proposed test date.
- d) The Agency ~~must will~~ advise the owner or operator of an emission unit which has requested an opacity determination of any deficiencies in the proposed test specifications and procedures as expeditiously as practicable but ~~by no later than ten (10) days before prior to~~ the proposed test date ~~so as to~~ minimize any disruption of the proposed testing schedule.
- e) The owner or operator ~~must shall~~ allow Agency personnel to be present during the performance test.
- f) The method for determining an adjusted opacity standard is as follows:
- 1) A minimum of 60 consecutive minutes of opacity readings obtained in ~~compliance accordance~~ with ~~Test~~ Method 9, 40 CFR ~~part 60.5~~, Appendix A, incorporated by reference in Section 212.113, ~~must of this Part, shall~~ be taken during each sampling run. ~~For Therefore, for~~ each performance test, ~~(which normally consists of three sampling runs)~~, a total of three sets of opacity readings totaling three hours or more ~~must shall~~ be obtained. Concurrently, the particulate emissions data from three sampling runs obtained in ~~compliance accordance~~ with ~~Test~~ Method 5, 40 CFR ~~part 60.5~~, Appendix A, incorporated by reference in Section 212.113 ~~of this Part~~, ~~must shall~~ also be obtained.
 - 2) After the results of the performance tests are received from the emission unit, ~~the Agency must determine~~ the status of compliance with the applicable particulate emissions limitation ~~shall be determined by the Agency~~. In ~~compliance accordance~~ with ~~Test~~ Method 5, 40 CFR ~~part 60.5~~, Appendix A, incorporated by reference in Section 212.113 ~~of this Part~~, the average of the results of the three sampling runs must be less than the allowable particulate emission rate ~~in order~~ for the emission unit to be considered in compliance. If compliance is demonstrated, then only those test runs with results which are less than the allowable particulate emission rate ~~will shall~~ be considered as acceptable test runs ~~to establish for the purpose of establishing~~ an adjusted opacity standard.
 - 3) The opacity readings for each acceptable sampling run ~~must shall~~ be

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divided into sets of 24 consecutive readings. The ~~six-minute~~~~six (6)minute~~ average opacity for each set ~~must~~~~shall~~ be determined by dividing the sum of the 24 readings within each set by 24.

- 4) The second highest ~~six-minute~~~~six (6)minute~~ average opacity obtained ~~under~~~~in~~ subsection (f)(3) ~~must~~~~of this Section shall~~ be selected as the adjusted opacity standard.
- g) The owner or operator ~~must~~~~shall~~ submit a written report of the results of the performance test to the Agency at least ~~thirty (30)~~ days ~~before~~~~prior to~~ filing a petition for an adjusted standard with the Board.
- h) If, ~~after~~~~upon~~ review of ~~the~~~~such~~ owner's or operator's written report of the results of the performance tests, the Agency determines that the emission unit is in compliance with all applicable emission limitations for which the performance tests were conducted, but fails to comply with ~~the requirements of~~ Section 212.122 or 212.123 ~~of this Subpart~~, the Agency ~~must~~~~shall~~ notify the owner or operator as expeditiously as practicable, but ~~within no later than twenty (20)~~ days after receiving the written report of any deficiencies in the results of the performance tests.
- i) The owner or operator may petition the Board for an adjusted visible emission standard ~~under~~~~pursuant to~~ 35 Ill. Adm. Code 106.Subpart E. In addition to the requirements of 35 Ill. Adm. Code 106.Subpart E, the petition ~~must~~~~shall~~ include the following information:
 - 1) A description of the business or activity of the petitioner, including its location and relevant pollution control equipment;
 - 2) The quantity and type of materials discharged from the emission unit or control equipment for which the adjusted standard is requested;
 - 3) A copy of any correspondence between the petitioner and the Agency regarding the performance tests which form the basis of the adjusted standard request;
 - 4) A copy of the written report submitted to the Agency ~~under~~~~pursuant to~~ subsection (g) ~~of this Section~~;
 - 5) A statement that the performance tests were conducted in

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~~compliance~~ with this Section and the conditions and procedures accepted by the Agency ~~underpursuant to~~ Section 212.110 ~~of this Part~~;

- 6) A statement regarding the specific limitation requested; and
- 7) A statement ~~as to~~ whether the Agency has sent notice of deficiencies in the results of the performance test ~~underpursuant to~~ subsection (h) ~~of this Section~~ and, ~~if so~~, a copy of ~~that~~ notice.
- j) ~~To~~ ~~In order to~~ qualify for an adjusted standard, the owner or operator must justify ~~as follows~~:
 - 1) That the performance tests were conducted in ~~compliance~~ with Test Methods 5 and 9, 40 CFR ~~part 60.5~~, Appendix A, incorporated by reference in Section 212.113 ~~of this Part~~, and the conditions and procedures accepted by the Agency ~~underpursuant to~~ Section 212.110 ~~of this Part~~;
 - 2) That the emission unit and associated air pollution control equipment were operated and maintained in a manner ~~so as~~ to minimize the opacity of the emissions during the performance tests; and
 - 3) That the proposed adjusted opacity standard was determined in ~~compliance~~ with subsection (f) ~~of this Section~~.
- k) Nothing in this Section ~~prevents~~ ~~shall prevent~~ any person from initiating or participating in a rulemaking, variance, or permit appeal proceeding before the Board.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART D: PARTICULATE MATTER EMISSIONS
FROM INCINERATORS

Section 212.181 Limitations for Incinerators

- a) ~~A~~ No person ~~must not~~ ~~shall~~ cause or allow the emission of particulate matter into the atmosphere from any incinerator burning more than 27.2 Mg/hr (60,000 lbs/hr) of refuse to exceed 115 mg (0.05 gr/scf) of effluent gases corrected to ~~12%~~ ~~12 percent~~ carbon dioxide.

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- b) ~~A~~No person ~~must not~~shall cause or allow the emission of particulate matter into the atmosphere from any incinerator burning more than 0.907 Mg/hr (2000 lbs/hr) but less than 27.2 Mg/hr (60,000 lbs/hr) of refuse to exceed 183 mg/scm (0.08 gr/scf) of effluent gases corrected to ~~12%~~12 percent carbon dioxide.
- c) ~~A~~No person ~~must not~~shall cause or allow the emission of particulate matter into the atmosphere from all other incinerators for which construction or modification commenced ~~before~~prior to April 14, 1972, to exceed 458 mg/scm (0.2 gr/scf) of effluent gases corrected to ~~12%~~12 percent carbon dioxide.
- d) ~~A~~No person ~~must not~~shall cause or allow the emission of particulate matter into the atmosphere from all other incinerators for which construction or modification commenced on or after April 14, 1972, to exceed 229 mg/scm (0.1 gr/scf) of effluent gases corrected to ~~12%~~12 percent carbon dioxide.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.182 Aqueous Waste Incinerators

Section 212.181(d) ~~does of this Subpart shall~~ not apply to aqueous waste incinerators which, when corrected to ~~50%~~50 percent excess air for combined fuel and charge incineration, produce stack gas containing carbon dioxide dry-basis volume concentrations of less than ~~1.2%~~1.2 percent from the charge alone, if all the following conditions are met:

- a) The emission of particulate matter into the atmosphere from any such incinerator does not exceed 229 mg/scm (0.1 gr/scf), dry basis, when corrected to ~~50%~~50 percent excess air for combined fuel and charge incineration; and
- b) The waste charge to the incinerator does not exceed 907 kg/hr (~~2,000~~2000 lbs/hr).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.183 Certain Wood Waste Incinerators

~~Exception:~~ Section 212.181(a), (b), and (d) ~~do of this Subpart shall~~ not apply to incinerators which burn only wood wastes ~~exclusively~~, if all the following conditions are met:

- a) The emission of particulate matter from ~~the such~~ incinerator does not exceed 458 mg (0.2 gr/scf) of effluent gases corrected to ~~12%~~12 percent carbon dioxide;

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- b) The location of ~~thesueh~~ incinerator is not in a restricted area, and is more than 305 m (~~1,000+000~~) ft from residential or other populated areas; and
- c) ~~ItWhen it~~ can be affirmatively demonstrated that no economically reasonable alternative method of disposal is available.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.184 Explosive Waste Incinerators

- a) Section 212.181 ~~does of this Subpart shall~~ not apply to certain existing small explosive waste incinerators if all the following conditions are met:
 - 1) The incinerator burns only explosives or ~~explosive-contaminated explosive contaminated~~ waste ~~exclusively~~;
 - 2) The incinerator burns 227 kg/hr (500 lbs/hr) or less of waste;
 - 3) All incinerators on the same site operate a total of six ~~(6)~~ hours or less in any day; and
 - 4) The incinerator ~~existed before was in existence prior to~~ December 6, 1976, and is located in Williamson County in Section 3, Township 9 South, Range 2 East of the Third Principal Meridian.
- b) ~~A~~No person ~~must not shall~~ cause or allow the emission of particulate matter into the atmosphere from any such existing small explosive waste incinerator to exceed ~~7,1407140~~ mg/kg (50.0 gr/lb) of combined waste and auxiliary fuel burned.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.185 Continuous Automatic Stoking Animal Pathological Waste Incinerators

- a) Section 212.181 ~~does of this Subpart shall~~ not apply to continuous automatic stoking pathological waste incinerators if all ~~of~~ the following conditions are met:
 - 1) The incinerator burns only animal pathological waste ~~exclusively~~, except as otherwise prescribed by the Agency during specified test operation.

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- 2) The incinerator burns no more than 907 kg/hr (~~2,000~~2000 lbs/hr) of waste.
- 3) The incinerator ~~is~~ ~~shall be~~ multi-stage controlled air combustion incinerator having cyclical pulsed stoking hearth.
- b) ~~A~~~~No~~ person ~~must not~~~~shall~~ cause or allow the emission of particulate matter into the atmosphere from any continuous automatic stoking pathological waste incinerator to exceed 1 gram of emission per 1 kg of animal pathological waste charge (0.1 lb/100 lb).
- c) The particulate matter emissions produced when burning animal pathological waste using gaseous auxiliary fuel, such as natural gas, ~~must~~~~shall~~ not exceed the lbs/hr emission rate equivalent to the maximum concentration rate ~~set forth~~ in Section 212.181(d) ~~of this Subpart~~, when applied to burning a maximum of ~~2,000~~2000 lb of mixed charge animal pathological waste plus solid waste ~~to demonstrate for demonstration of~~ compliance. "Mixed charge" ~~must~~~~shall~~ contain no more than ~~25%~~25 percent by weight of solid waste other than animal pathological waste.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART E: PARTICULATE MATTER EMISSIONS
FROM FUEL COMBUSTION EMISSION UNITS

Section 212.201 Emission Units For Which Construction or Modification Commenced ~~Before~~Prior to April 14, 1972, Using Only Solid Fuel ~~and~~Exclusively Located in the Chicago Area

~~A~~~~No~~ person ~~must not~~~~shall~~ cause or allow the emission of particulate matter into the atmosphere from any fuel combustion emission unit for which construction or modification commenced ~~before~~~~prior to~~ April 14, 1972, using only solid fuel ~~and~~~~exclusively~~, located in the Chicago major metropolitan area, to exceed 0.15 kg of particulate matter per MW-hr of actual heat input in any ~~one-hour~~~~one hour~~ period (0.10 lbs/~~MMbtu~~~~mmbtu~~/hr) except as provided in Section 212.203 ~~of this Subpart~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.202 Emission Units For Which Construction or Modification Commenced ~~Before~~Prior to April 14, 1972, Using Only Solid Fuel ~~and~~Exclusively Located Outside the

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Chicago Area

~~A~~ No person ~~must not~~ shall cause or allow the emission of particulate matter into the atmosphere from any fuel combustion emission unit for which construction or modification commenced ~~before~~ prior to April 14, 1972, using ~~only~~ solid fuel ~~and exclusively, which is~~ located outside the Chicago major metropolitan area, to exceed the limitations ~~specified~~ in the table below in any ~~one-hour~~ one hour period, except as provided in Section 212.203 ~~of this Subpart~~.

METRIC UNITS

H (Range) MW	S Kg/MW
Less than or equal to 2.93	1.55
Greater than 2.93 but less smaller than 73.2	3.33 H ^{-0.715}
Greater than or equal to 73.2	0.155

ENGLISH UNITS

H (Range) MMbtummbtu /hr	S lbs/ MMbtummbtu
Less than or equal to 10	1.0
Greater than 10 but less smaller than 250	5.18H ^{-0.715}
Greater than or equal to 250	0.1

where:

- S = Allowable emission standard in lbs/~~MMbtummbtu~~/hr or kg/MW of actual heat input, and
- H = Actual heat input in ~~MMbtummbtu~~/hr or MW-hr

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.203 Controlled Emission Units For Which Construction or Modification

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Commenced ~~Before~~Prior to April 14, 1972, Using Only Solid Fuel ~~Exclusively~~

~~Despite~~Notwithstanding Sections 212.201 and 212.202 ~~of this Subpart~~, any fuel combustion emission unit for which construction or modification commenced ~~before~~prior to April 14, 1972, using only solid fuel ~~exclusively~~ may, in any ~~one-hour~~one-hour period, emit up to, but not exceed 0.31 kg/MW-hr (0.20 lbs/~~MMbtummbtu~~); if, as of April 14, 1972, any one of the following conditions was met:

- a) The emission unit had an hourly emission rate based on original design or equipment performance test conditions, whichever is stricter, which was less than 0.31 kg/MW-hr (0.20 lbs/~~MMbtummbtu~~) of actual heat input, and ~~the~~ emission control of ~~thesueh~~ emission unit is not allowed to degrade more than 0.077 kg/MW-hr (0.05 lbs/~~MMbtummbtu~~) from ~~thesueh~~ original design or acceptance performance test conditions; ~~or~~
- b) The emission unit was in full compliance with the terms and conditions of a variance granted by the ~~Pollution Control Board~~ (Board) sufficient to achieve an hourly emission rate less than 0.31 kg/MW-hr (0.20 lbs/~~MMbtummbtu~~), and construction has commenced on equipment or modifications prescribed under that program; and emission control of ~~thesueh~~ emission unit is not allowed to degrade more than 0.077 kg/MW-hr (0.05 lbs/~~MMbtummbtu~~) from original design or equipment performance test conditions, whichever is stricter; or
- c) The emission unit had an hourly emission rate based on original design or equipment performance test conditions, whichever is stricter, which was less than 0.31 kg/MW-hr (0.20 lbs/~~MMbtummbtu~~) of actual heat input, and ~~the~~ emission control of ~~thesueh~~ emission unit is not allowed to degrade more than 0.077 kg/MW-hr (0.05 lbs/~~MMbtummbtu~~) from ~~thethat~~ rate demonstrated by the most recent stack test, submitted to and accepted by the Agency ~~before~~prior to April 1, 1985, ~~if provided that~~:
 - 1) Owners and operators of emission units subject to this subsection ~~shall have~~ applied for a new operating permit by January 9, 1987; and
 - 2) The application for a new operating permit ~~shall have~~ included a demonstration that the proposed emission rate, if greater than the emission rate allowed by subsections (a) or (b) ~~of this Section~~, will not under any foreseeable operating conditions and potential meteorological conditions cause or contribute to a violation of any applicable primary or secondary ambient air quality standard for particulate matter, or violate any

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applicable prevention of significant deterioration (PSD) increment, or violate 35 Ill. Adm. Code 201.141.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.204 Emission Units For Which Construction or Modification Commenced On or After April 14, 1972, Using Only Solid Fuel-~~Exclusively~~

~~A~~No person ~~must not~~shall cause or allow the emission of particulate matter into the atmosphere from any fuel combustion emission unit for which construction or modification commenced on or after April 14, 1972, using only solid fuel-~~exclusively~~ to exceed 0.15 kg of particulate matter per MW-hr of actual heat input (0.1 lbs/~~MMbtummbtu~~) in any ~~one-hour~~one hour period, unless Section 212.202, 212.203, or 212.205 applies.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.205 Coal-fired Industrial Boilers For Which Construction or Modification Commenced ~~Before~~Prior to April 14, 1972, Equipped with Flue Gas Desulfurization Systems

~~Despite~~Notwithstanding Sections 212.201 through 212.204 ~~of this Subpart,~~ and a person ~~must not~~shall cause or allow the emission of particulate matter into the atmosphere from coal-fired industrial boilers equipped with flue gas desulfurization systems for which construction or modification commenced ~~before~~prior to April 14, 1972, to exceed 0.39 kg of particulate matter per MW-hr of actual heat input in any one-hour period (0.25 lbs/~~MMbtummbtu~~). This rule is not meant~~Nothing in this rule shall be construed~~ to prevent compliance with applicable regulations promulgated by the USEPA under Section 111 of the CAA as amended. *The provisions of Section 111 of the federal Clean Air Act (42 U.S.C. 7411), as amended, relating to standards of performance for new stationary sources...are applicable in this State and are enforceable under the Act* (~~[415 ILCS 5/9.1(b)]~~).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.206 Emission Units Using Only Liquid Fuel-~~Exclusively~~

~~A~~No person ~~must not~~shall cause or allow the emission of particulate matter into the atmosphere in any ~~one-hour~~one hour period to exceed 0.15 kg of particulate matter per MW-hr of actual heat input from any fuel combustion emission unit using only liquid fuel-~~exclusively~~ (0.10 lbs/~~MMbtummbtu~~).

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.207 Emission Units Using More Than One Type of Fuel

- a) ~~A~~ No person, while simultaneously burning more than one type of fuel in a fuel combustion emission unit, ~~must not~~ shall cause or allow the emission of particulate matter into the atmosphere in any ~~one-hour~~ one-hour period ~~exceeding~~ ~~excess of~~ the ~~rate established by the~~ following equation:

$$E = AS + BL$$

where

- E = Allowable emission rate;
- A = ~~Applicable solid~~ Solid fuel particulate emission standard ~~which is applicable;~~
- B = Constant ~~determined~~ from ~~the table in~~ subsection (b);
- S = Actual heat input from solid fuel;
- L = Actual heat input from liquid fuel.

- b) The ~~following~~ metric and English units ~~must~~ be used in the equation of subsection (a) ~~of this Section are as follows:~~

Parameter	Metric	English
E	kg/hr	lbs/hr
A	kg/MW-hr	lbs/ MMbtu mmbtu
B	0.155	0.10
S	MW	MMbtu mmbtu /hr
L	MW	MMbtu mmbtu /hr

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.208 Aggregation of Emission Units For Which Construction or Modification Commenced ~~Before~~ ~~Prior to~~ April 14, 1972

Section 212.207 ~~of this Subpart~~ may be applied to the aggregate of all fuel combustion emission units for which construction or modification commenced ~~before~~ ~~prior to~~ April 14, 1972, vented to a common stack, ~~if provided that~~ after January 26, 1972:

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- a) Ductwork has not been modified ~~so as~~ to interconnect ~~such~~ fuel combustion emission units;
- b) The actual heat input to any ~~such~~ fuel combustion emission units is not increased; and
- c) No new fuel combustion emission unit is added to reduce the degree of control of emissions of particulate matter required by this Subpart.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.210 Emissions Limitations for Certain Fuel Combustion Emission Units Located in the Vicinity of Granite City

- a) ~~A~~No person ~~must not~~shall cause or allow emissions of PM~~10-10~~ into the atmosphere to exceed 12.9 ng/J (0.03 lbs/~~MMbtummbtu~~) of heat input from fuels other than natural gas during any ~~one-hour~~one hour period from any industrial fuel combustion emission units, other than in an integrated iron and steel plant, located in the ~~vicinity of Granite City, which~~ area ~~is~~ defined in Section 212.324(a)(1)(C)~~-of this Subpart~~.
- b) Emission units ~~must~~shall comply with the emissions limitations of this Section by May 11, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART K: FUGITIVE PARTICULATE MATTER

Section 212.301 Fugitive Particulate Matter

~~A~~No person ~~must not~~shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally toward the zenith at a point beyond the property line of the source.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.302 Geographical Areas of Application

- a) Sections 212.304 through 212.310 and 212.312~~-of this Subpart shall~~ apply to all mining operations (Standard Industrial Classification (SIC) major groups 10

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through 14), manufacturing operations (SIC major groups 20 through 39, except for ~~grain-handling and grain-drying~~ these operations subject to Subpart S ~~of this Part (Grain Handling and Grain Drying Operations)~~ that are outside the areas defined in Section 212.324(a)(1) ~~of this Part~~, and electric generating operations (SIC group 491), ~~which are~~ located in ~~the areas defined by the boundaries of~~ the following townships ~~in the following counties, despite notwithstanding~~ any political subdivisions ~~within them contained therein~~, as the township boundaries were defined on October 1, 1979, ~~in the following counties:~~

Cook:	All townships
Lake:	Shields, Waukegan, Warren
DuPage:	Addison, Winfield, York
Will:	DuPage, Plainfield, Lockport, Channahon, Peotone, Florence, Joliet
Peoria:	Richwoods, Limestone, Hollis, Peoria, City of Peoria
Tazewell:	Fondulac, Pekin, Cincinnati, Groveland, Washington
Macon:	Decatur, Hickory Point
Rock Island:	Blackhawk, Coal Valley, Hampton, Moline, South Moline, Rock Island, South Rock Island
LaSalle:	LaSalle, Utica
Madison:	Alton, Chouteau, Collinsville, Edwardsville, Fort Russell, Godfrey, Granite City, Nameoki, Venice, Wood River
St. Clair:	Canteen, Caseyville, Centerville, St. Clair, Stites, Stookey, Sugar Loaf, Millstadt.

- b) In ~~the geographical~~ areas ~~listed defined~~ in Section 212.324(a)(1) ~~of this Part~~, Sections 212.304 through 212.310, 212.312, and 212.316 ~~of this Subpart shall~~ apply to all emission units identified in subsection (a) ~~at of this Section, and shall further apply to~~ the following operations: grain-handling and grain-drying (Subpart S ~~of this Part~~); ~~and~~, transportation, communications, electric, gas, and sanitary services (SIC major groups 40 through 49). ~~Additionally~~, Sections 212.304 through 212.310, 212.312, and 212.316 ~~also of this Subpart shall~~ apply to wholesale trade-farm supplies (SIC Industry No. 5191) located in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C) ~~of this Part~~.
- c) Emission units must comply with subsection (b) ~~of this Section~~ by May 11, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 212.304 Storage Piles

- a) All storage piles of materials with uncontrolled emissions of fugitive particulate matter ~~exceeding in excess of~~ 45.4 Mg per year (50 T/yr) which are located within a source whose potential particulate emissions from all emission units exceed 90.8 Mg/yr (100 T/yr) ~~must~~**shall** be protected by a cover or sprayed with a surfactant solution or water on a regular basis, as needed, or treated by an equivalent method, in ~~compliance~~**accordance** with the operating program required by Sections 212.309, 212.310, and 212.312 ~~of this Subpart.~~
- b) Subsection (a) ~~does of this Section shall~~ not apply to a specific storage pile if the owner or operator of that pile proves to the Agency that fugitive particulate emissions from that pile do not cross the property line either by direct wind action or reentrainment.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.305 Conveyor Loading Operations

All conveyor loading operations to storage piles specified in Section 212.304 ~~must use of this Subpart shall utilize~~ spray systems, telescopic chutes, stone ladders, or other equivalent methods in ~~compliance~~**accordance** with the operating program required by Sections 212.309, 212.310, and 212.312 ~~of this Subpart.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.306 Traffic Areas

All normal traffic pattern access areas surrounding storage piles specified in Section 212.304 ~~of this Subpart~~ and all normal traffic pattern roads and parking facilities ~~which are~~ located on mining or manufacturing property ~~must~~**shall** be paved or treated with water, oils, or chemical dust suppressants. All paved areas ~~must~~**shall** be cleaned on a regular basis. All areas treated with water, oils, or chemical dust suppressants ~~must~~**shall** have the treatment applied on a regular basis, as needed, in ~~compliance~~**accordance** with the operating program required by Sections 212.309, 212.310, and 212.312 ~~of this Subpart.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.307 Materials Collected by Pollution Control Equipment

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All operations unloading and transporting ~~operations of~~ materials collected by pollution control equipment ~~must shall~~ be enclosed or must use shall utilize spraying, pelletizing, screw conveying, or other equivalent methods.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.308 Spraying or Choke-Feeding Required

Crushers, grinding mills, screening operations, bucket elevators, conveyor transfer points, conveyors, bagging operations, storage bins, and fine product truck and railcar loading operations ~~must shall~~ be sprayed with water or a surfactant solution, utilize choke-feeding, or be treated by an equivalent method, in compliance accordance with an operating program.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.309 Operating Program

- a) The emission units described in Sections 212.304 through 212.308 and Section 212.316 ~~must of this Subpart shall~~ be operated under ~~the provisions of~~ an operating program, consistent with the requirements ~~set forth~~ in Sections 212.310 and 212.312 ~~of this Subpart~~, and prepared by the owner or operator and submitted to the Agency for its review. ~~This Such~~ operating program ~~must shall~~ be designed to significantly reduce fugitive particulate matter emissions.
- b) The amendment to this Section incorporating the applicability of Section 212.316 ~~will shall~~ apply by May 11, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.310 Minimum Operating Program

As a minimum, the operating program ~~must shall~~ include ~~the following~~:

- a) The name and address of the source;
- b) The name and address of the owner or operator responsible for ~~executing execution of~~ the operating program;
- c) A map or diagram of the source showing approximate locations of storage piles, conveyor loading operations, normal traffic pattern access areas surrounding

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- storage piles, and all normal traffic patterns within the source;
- d) Location of unloading and transporting operations with pollution control equipment;
 - e) A detailed description of the best management practices ~~used~~utilized to ~~comply~~achieve compliance with this Subpart, including an engineering specification of particulate collection equipment, application systems for water, oil, chemicals, and dust suppressants ~~used~~utilized and equivalent methods ~~used~~utilized;
 - f) Estimated frequency of application of dust suppressants by location of materials; and
 - g) ~~Other~~Such other information ~~as may be~~necessary to facilitate the Agency's review of the operating program.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.312 Amendment to Operating Program

The operating program ~~must~~shall be amended from time to time by the owner or operator so that the operating program is current. ~~These~~Such amendments ~~must~~shall be consistent with this Subpart and ~~must~~shall be submitted to the Agency for its review.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.313 Emission Standard for Particulate Collection Equipment

If particulate collection equipment is operated ~~under~~pursuant to Sections 212.304 through 212.310 and 212.312 ~~of this Subpart~~, emissions from ~~that~~such equipment ~~must~~shall not exceed 68 mg/dscm (0.03 gr/dscf).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.314 Exception for Excess Wind Speed

Section 212.301 ~~does of this Subpart~~shall not apply and spraying ~~under~~pursuant to Sections 212.304 through 212.310 and 212.312 ~~is of this Subpart~~shall not be required when the wind speed is greater than 40.2 km/hr (25 mph). ~~Determining~~Determination of wind speed for ~~the~~

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~~purposes of~~ this rule ~~must~~shall be by a one-hour average or hourly recorded value at the nearest official station of the U.S. Weather Bureau or by wind speed instruments operated on the site. ~~When~~In cases where the duration of operations subject to this rule is less than one hour, wind speed may be averaged over the duration of the operations on the basis of on-site wind speed instrument measurements.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.315 Covering for Vehicles

~~A~~No person ~~must not~~shall cause or allow the operation of a vehicle of the second division, as defined by 625 ILCS 5/1-217, or a semi-trailer, as defined by 625 ILCS 5/1-187, without a covering sufficient to prevent the release of particulate matter into the atmosphere. ~~This,~~provided that this rule ~~does~~shall not ~~apply~~pertain to automotive exhaust emissions.

~~BOARD NOTE: Under~~Board Note: Pursuant to Section 10(E) of the Act, Section 212.315 cannot be more strict than Section 15-109.1 of the Vehicle Code (~~{~~625 ILCS 5/15-109.1~~}~~).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.316 Emission Limitations for Emission Units in Certain Areas

- a) Applicability. This Section ~~applies~~shall apply to ~~those~~ operations specified in Section 212.302 ~~of this Subpart~~ and ~~that are~~ located in areas defined in Section 212.324(a)(1) ~~of this Part~~.
- b) Emission Limitation for Crushing and Screening Operations. ~~A~~No person ~~must not~~shall cause or allow fugitive particulate matter emissions generated by the crushing or screening of slag, stone, coke, or coal to exceed an opacity of ~~10%+0 percent~~.
- c) Emission Limitations for Roadways or Parking Areas. ~~A~~No person ~~must not~~shall cause or allow fugitive particulate matter emissions from any roadway or parking area to exceed an opacity of ~~10%+0 percent~~, except that the opacity ~~must~~shall not exceed ~~5%5 percent~~ at quarries with a capacity to produce more than 1 million T/yr of aggregate.
- d) Emission Limitations for Storage Piles. ~~A~~No person ~~must not~~shall cause or allow fugitive particulate matter emissions from any storage pile to exceed an opacity of ~~10%+0 percent, to be~~ measured four ~~feet~~ft from the pile surface.

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- e) Additional Emissions Limitations for the Granite City Vicinity as Defined in Section 212.324(a)(1)(C) ~~of this Part.~~
- 1) Emissions Limitations for Roadways or Parking Areas Located at Slag Processing Facilities or Integrated Iron and Steel Manufacturing Plants. ~~A~~ ~~No~~ person ~~must not~~ ~~shall~~ cause or allow fugitive particulate matter emissions from any roadway or parking area located at a slag processing facility or integrated iron and steel manufacturing plant to exceed an opacity of ~~5%5 percent.~~
 - 2) Emissions Limitations for Marine Terminals:
 - A) ~~A~~ ~~No~~ person ~~must not~~ ~~shall~~ cause or allow fugitive particulate matter emissions from any loading spouts for truck or railcar to exceed an opacity of ~~10%10 percent;~~ and
 - B) ~~A~~ ~~No~~ person ~~must not~~ ~~shall~~ cause or allow fugitive particulate matter emissions generated at barge unloading, dump pits, or conveyor transfer points, including, ~~but not limited to,~~ transfer onto and off of a conveyor, to exceed an opacity of ~~5%5 percent.~~
- f) Emission Limitation for All Other Emission Units. Unless an emission unit has been assigned a particulate matter, PM₁₀₋₁₀, or fugitive particulate matter emissions limitation elsewhere in this Section or in Subparts R or S ~~of this Part,~~ ~~a~~ ~~no~~ person ~~must not~~ ~~shall~~ cause or allow fugitive particulate matter emissions from any emission unit to exceed an opacity of ~~20%20 percent.~~
- g) Recordkeeping and Reporting
- 1) The owner or operator of any fugitive particulate matter emission unit subject to this Section ~~must~~ ~~shall~~ keep written records of the application of control measures ~~as may be needed~~ ~~to comply for compliance~~ with the opacity limitations of this Section and ~~must~~ ~~shall~~ submit to the Agency an annual report ~~summarizing that~~ ~~containing a summary of such~~ information.
 - 2) The records required under this subsection ~~must~~ ~~shall~~ include, at ~~a~~ ~~minimum~~ ~~least the following:~~
 - A) The name and address of the source;

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- B) The name and address of the source's owner, ~~and/or~~ operator, or both of the source;
 - C) A map or diagram showing the location of all emission units controlled, including the location, identification, length, and width of roadways;
 - D) For each application of water or chemical solution to roadways by truck: the name and location of the roadway controlled, application rate of each truck, frequency of each application, width of each application, identification of each truck used, total quantity of water or chemical used for each application, and; for each application of chemical solution, the concentration and identity of the chemical;
 - E) For application of physical or chemical control agents: the name of the agent, application rate and frequency, and total quantity of agent, and, if diluted, percent of concentration, used each day; and
 - F) A log recording incidents when control measures were not used and a statement of explanation.
- 3) Copies of all records required by this Section ~~must~~shall be submitted to the Agency within ~~ten (10)~~ working days after a written request by the Agency and ~~must~~shall be transmitted to the Agency by a company-designated person with authority to release ~~these~~such records.
- 4) The records required under this Section ~~must~~shall be kept and maintained for at least three ~~(3)~~ years and ~~must~~shall be available for inspection and copying by Agency representatives during working hours.
- 5) A quarterly report ~~must~~shall be submitted to the Agency stating the following: the dates any necessary control measures were not implemented, a listing of those control measures, the reasons that the control measures were not implemented, and any corrective actions taken. This information includes, ~~but is not limited to, those~~ dates when controls were not applied based on a belief that ~~applying the application of such~~ control measures would have been unreasonable given prevailing atmospheric conditions, which ~~constitutes~~shall constitute a defense to the

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requirements of this Section. This report ~~must~~ shall be submitted to the Agency ~~within thirty (30)~~ calendar days ~~after~~ from the end of a quarter. Quarters end March 31, June 30, September 30, and December 31.

- h) Compliance Date. Emission units ~~must~~ shall comply with the emissions limitations and recordkeeping and reporting requirements of this Section by May 11, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART L: PARTICULATE MATTER EMISSIONS
FROM PROCESS EMISSION UNITS

**Section 212.321 Process Emission Units For Which Construction or Modification
Commenced On or After April 14, 1972**

- a) Except as further provided in this Part, ~~no~~ person ~~must not~~ shall cause or allow the emission of particulate matter into the atmosphere in any ~~one-hour~~ ~~one hour~~ period from any new process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates ~~specified~~ in subsection (c) ~~of this Section~~.
- b) Interpolated and extrapolated values of the data in subsection (c) ~~must of this Section shall~~ be determined by using the equation:

$$E = A(P)^B$$

where:

P = Process weight rate; and
E = Allowable emission rate; and,

- 1) Up to process weight rates of 408 Mg/hr (450 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lbs/hr
A	1.214	2.54

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B 0.534 0.534

2) For process weight rate greater than or equal to 408 Mg/hr (450 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lbs/hr
A	11.42	24.8
B	0.16	0.16

c) Limits for Process Emission Units For Which Construction or Modification Commenced On or After April 14, 1972

Metric		English	
P	E	P	E
Mg/hr	kg/hr	T/hr	lbs/hr
0.05	0.25	0.05	0.55
0.1	0.29	0.10	0.77
0.2	0.42	0.20	1.10
0.3	0.64	0.30	1.35
0.4	0.74	0.40	1.58
0.5	0.84	0.50	1.75
0.7	1.00	0.75	2.40
0.9	1.15	1.00	2.60
1.8	1.66	2.00	3.70
2.7	2.1	3.00	4.60
3.6	2.4	4.00	5.35
4.5	2.7	5.00	6.00
9.	3.9	10.00	8.70
13.	4.8	15.00	10.80
18.	5.7	20.00	12.50
23.	6.5	25.00	14.00
27.	7.1	30.00	15.60
32.	7.7	35.00	17.00
36.	8.2	40.00	18.20
41.	8.8	45.00	19.20
45.	9.3	50.00	20.50
90.	13.4	100.00	29.50
140.	17.0	150.00	37.00

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180.	19.4	200.00	43.00
230.	22.	250.00	48.50
270.	24.	300.00	53.00
320.	26.	350.00	58.00
360.	28.	400.00	62.00
408.	30.1	450.00	66.00
454.	30.4	500.00	67.00

where:

P = Process weight rate in metric or T/hr, and
E = Allowable emission rate in kg/hr or lbs/hr.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.322 Process Emission Units For Which Construction or Modification Commenced ~~Before~~Prior to April 14, 1972

- a) Except as further provided in this Part, a person must not cause or allow the emission of particulate matter into the atmosphere in any one-hour period from any process emission unit for which construction or modification commenced ~~before~~prior to April 14, 1972, that, either alone or in combination with the emission of particulate matter from all other similar process emission units at a source or premises, exceeds the allowable emission rates ~~specified~~ in subsection (c).
- b) Interpolated and extrapolated values of the data in subsection (c) must be determined using the following equation:

$$E = C + A(P)^B$$

where:

P = process weight rate; and

E = allowable emission rate; and,

- 1) For process weight rates up to 27.2 Mg/hr (30 T/hr):

Metric

English

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P	Mg/hr	T/hr
E	kg/hr	lbs/hr
A	1.985	4.10
B	0.67	0.67
C	0	0

2) For process weight rates above 27.2 Mg/hr (30 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lbs/hr
A	25.21	55.0
B	0.11	0.11
C	-18.4	-40.0

c) Limits for Process Emission Units for Which Construction or Modification Commenced ~~Before~~Prior to April 14, 1972

Metric		English	
P	E	P	E
Mg/hr	kg/hr	T/hr	lbs/hr
0.05	0.27	0.05	0.55
0.1	0.42	0.10	0.87
0.2	0.68	0.20	1.40
0.3	0.89	0.30	1.83
0.4	1.07	0.40	2.22
0.5	1.25	0.50	2.58
0.7	1.56	0.75	3.38
0.9	1.85	1.00	4.10
1.8	2.9	2.00	6.52
2.7	3.9	3.00	8.56
3.6	4.7	4.00	10.40
4.5	5.4	5.00	12.00
9.	8.7	10.00	19.20
13.	11.1	15.00	25.20
18.	13.8	20.00	30.50
23.	16.2	25.00	35.40
27.2	18.15	30.00	40.00
32.0	18.8	35.00	41.30
36.0	19.3	40.00	42.50

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41.0	19.8	45.00	43.60
45.0	20.2	50.00	44.60
90.0	23.2	100.00	51.20
140.0	25.3	150.00	55.40
180.0	26.5	200.00	58.60
230.0	27.7	250.00	61.00
270.0	28.5	300.00	63.10
320.0	29.4	350.00	64.90
360.0	30.0	400.00	66.20
400.0	30.6	450.00	67.70
454.0	31.3	500.00	69.00

where:

P = Process weight rate in Mg/hr or T/hr, and

E = Allowable emission rate in kg/hr or lbs/hr.

d) Alternative Standard

- 1) The owner or operator of the petroleum coke calcining facility located in Robinson, Illinois, may emit particulate matter into the atmosphere from Kiln 1 or Kiln 2 exceeding the allowable emission rates ~~specified~~ in subsection (c) while the temperature of the inlet to the pyroscrubber servicing Kiln 1 or Kiln 2 does not achieve a minimum operating temperature of 1800 °F during startup, malfunction, or breakdown (based on a three-hour rolling average). During this period of time, the owner or operator must comply with subsection (d)(3). For ~~purposes of~~ this subsection, "startup" is defined as the duration from when green coke feed is first introduced into the kiln until the temperature at the pyroscrubber inlet servicing the kiln achieves a minimum operating temperature of 1800 °F (based on a three-hour rolling average).
- 2) Use of the alternative standard in subsection (d)(1) must not exceed a total of 300 hours per kiln in a calendar year.
- 3) During any time that Kiln 1 or Kiln 2 is operated while the pyroscrubber servicing the emission unit is not achieving the minimum operating temperature of 1800 °F, the owner or operator must:

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- A) ~~Minimize~~ minimize emissions to the extent practicable;
 - B) ~~Not~~ introduce green coke into the kiln unless or until a minimum operating temperature of 400 °F measured at the inlet to the pyroscrubber is achieved; and
 - C) ~~Operate~~ operate the natural gas-fired burners to minimize the time that a kiln operates below 1800 °F, consistent with technological limitations, manufacturer specifications, and good air pollution control practices for minimizing emissions.
- 4) The owner or operator must keep and maintain all records necessary to demonstrate compliance with this subsection (d), including records of each hour that the pyroscrubber operated below 1800 °F. The owner or operator must provide these records to the Agency upon request.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.323 Stock Piles

Sections 212.321 and 212.322 ~~do of this Subpart shall~~ not apply to emission units, such as stock piles of particulate matter, to which ~~those rules cannot reasonably apply;~~ because of the disperse nature of ~~those such~~ emission units, ~~such rules cannot reasonably be applied.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.324 Process Emission Units in Certain Areas

- a) Applicability
 - 1) This Section applies to any process emission unit located in any of the following areas:
 - A) That area bounded by lines from Universal ~~Transverse Mercator~~ Transmearer (UTM) coordinate 428000mE, 4631000mN, east to 435000mE, 4631000mN, south to 435000mE, 4623000mN, west to 428000mE, 4623000mN, north to 428000mE, 4631000mN, in the vicinity of McCook in Cook County, as shown in Illustration D ~~of this Part;~~

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- B) That area bounded by lines from Universal Transverse Mercator~~Transmereator~~ (UTM) coordinate 445000mE, 4622180mN, east to 456265mE, 4622180mN, south to 456265E, 4609020N, west to 445000mE, 4609020mN, north to 445000mE, 4622180mN, in the vicinity of Lake Calumet in Cook County, as shown in Illustration E~~-of this Part~~; and
 - C) That area bounded by lines from Universal Transverse Mercator~~Transmereator~~ (UTM) coordinate 744000mE, 4290000mN, east to 753000mE, 4290000mN, south to 753000mE, 4283000mN, west to 744000mE, 4283000mN, north to 744000mE, 4290000mN, in the vicinity of Granite City in Madison County, as shown in Illustration F~~-of this Part~~.
- 2) This Section does not alter the applicability of Sections 212.321 and 212.322.
 - 3) The emission limitations of this Section do not apply~~are not applicable~~ to any emission unit subject to a specific emissions standard or limitation contained~~in any of~~ the following Subparts:
 - A) Subpart N, Food Manufacturing;
 - B) Subpart Q, Stone, Clay, Glass, and Concrete Manufacturing;
 - C) Subpart R, Primary and Fabricated Metal Products and Machinery Manufacture; and
 - D) Subpart S, Agriculture.
- b) General Emission Limitation. Except as otherwise provided in this Section, a person must not cause or allow the emission into the atmosphere of PM₁₀~~PM-10~~ from any process emission unit to exceed 68.7 mg/scm (0.03 gr/scf) during any one-hour period.
 - c) Alternative Emission Limitation. In lieu of the emission limit of 68.7 mg/scm (0.03 gr/scf) contained~~in~~ subsection (b), a person must not cause or allow the emissions from the following emission units to exceed the corresponding limitations:

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	Emissions Units	Emissions Limit	
		Metric	English
1)	Shotblasting emission units in the Village of McCook equipped with fabric filters as of June 1, 1991	22.9 mg/scm	0.01 gr/scf
2)	All process emission units at manufacturers of steel wool with soap pads located in the Village of McCook	5% opacity	5% opacity

- d) Exceptions. The mass emission limits ~~contained~~ in subsections (b) and (c) will not apply to ~~these~~ emission units with no visible emissions other than fugitive particulate matter. ~~However; however~~, if a stack test is performed, this subsection is not a defense to a finding of a violation of the mass emission limits ~~contained~~ in subsections (b) and (c).
- e) Special Emissions Limitation for Fuel-Burning Process Emission Units in the Vicinity of Granite City. A person must not cause or allow emissions of PM₁₀₋₁₀ into the atmosphere to exceed 12.9 ng/J (0.03 lbs/~~MMbtu~~~~MMBtu~~) of heat input from ~~the~~ burning ~~of~~ fuel other than natural gas at any process emission unit located in the vicinity of Granite City, as defined in subsection (a)(1)(C).
- f) Maintenance and Repair. For any process emission unit subject to subsection (a), the owner or operator must maintain and repair all air pollution control equipment in a manner that assures that the emission limits and standards in this Section will be met at all times. Proper maintenance must include ~~the following requirements~~:
- 1) Visual inspections of air pollution control equipment;
 - 2) Maintenance of an adequate inventory of spare parts; and
 - 3) Expedient repairs, unless the emission unit is shutdown.
- g) Recordkeeping of Maintenance and Repair
- 1) Written records of inventory and documentation of inspections, maintenance, and repairs of all air pollution control equipment must be kept in compliance with subsection (f).

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- 2) The owner or operator must document any period during which any process emission unit was ~~operating in operation~~ when the air pollution control equipment was not ~~operating in operation~~ or was malfunctioning so as to cause an emissions level ~~exceeding in excess of~~ the emissions limitation. These records must include documentation of causes for pollution control equipment not operating or ~~malfunctioning such~~ ~~malfunction~~ and state what corrective actions were taken and what repairs were made.
 - 3) A written record of the inventory of all spare parts not readily available from local suppliers must be kept and updated.
 - 4) Copies of all records required by this Section must be submitted to the Agency within ~~10 ten~~ working days after a written request by the Agency.
 - 5) The records required under this Section must be kept and maintained for at least three years and must be available for inspection and copying by Agency representatives during working hours.
 - 6) Upon written request by the Agency, a report must be submitted to the Agency for any period specified in the request stating the following: the dates during which any process emission unit was ~~operating in operation~~ when the air pollution control equipment was not ~~operating in operation~~ or was ~~malfunctioning not operating properly~~, documentation of causes for pollution control equipment ~~malfunctioning or not operating or not operating properly~~, and a statement of what corrective actions were taken and what repairs were made.
- h) Compliance Date. Emission units must comply with the emissions limitations and recordkeeping and reporting requirements of this Section by May 11, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART N: FOOD MANUFACTURING

Section 212.361 Corn Wet Milling Processes

Sections 212.321 and 212.322 ~~do of this Part shall~~ not apply to feed and gluten dryers in corn wet

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milling processes, where the exit gases have a dew point higher than the ambient temperature and the specific gravity of the material processed is less than 2.0. ~~A~~No person ~~must not~~shall cause or allow the emission of particulate matter into the atmosphere from any such process ~~so as~~ to exceed the emission standards and limitations ~~specified in Section 212.322 of this Part.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.362 Emission Units in Certain Areas

a) Applicability.

- 1) Subsections (b)(1) through (b)(4) ~~must of this Section shall~~ apply to ~~those~~ emission units engaged in food manufacturing and located in the Village of Bedford Park west of Archer Avenue and in the area defined in Section 212.324(a)(1)(A) ~~of this Part.~~
- 2) Subsection (b)(5) ~~of this Section~~ applies to an instant tea manufacturing plant in Granite City, as defined in Section 212.324(a)(1)(C) ~~of this Part.~~

b) Emission Limitation. ~~A~~No person ~~must not~~shall cause or allow the emission of PM₁₀₋₁₀, other than ~~that of~~ fugitive particulate matter, into the atmosphere to exceed the following limits during any ~~one-hour~~one hour period:

- 1) 22.9 mg/scm (0.01 gr/scf) for dextrose dryers, dextrose melt tank systems, bulk dextrose loading systems, house dry dextrose dust systems, ~~dextrose~~dextorse bagging machine dust systems, dextrose expansion dryer/cooler and packing systems, and ~~2034~~-dextrose dryer/cooler dust collecting systems;
- 2) 34.3 mg/scm (0.015 gr/scf) for feed dryers, gluten dryers, germ dryers, and heat recovery scrubbers;
- 3) 68.7 mg/scm (0.03 gr/scf) for germ cake transport systems, spent flake transport/cooling systems, bleaching clay systems, dust pickup bin systems in Building 26, and pellet cooler systems;
- 4) 45.8 mg/scm (0.02 gr/scf) for germ transport systems, starch dust collection systems, dicalite systems, starch processing/transport systems, starch dryers, starch transport systems, calcium carbonate storage systems, starch loading systems, corn unloading systems, germ transfer towers,

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dextrose transport systems, soda ash unloading systems, corn silo systems, filter aid systems, spent flake storage systems, corn cleaning transport systems, feed transport cooling systems, gluten cooling systems, gluten transport systems, feed dust systems, gluten dust systems, pellet dust systems, spent flake transport systems, rail car maintenance system buildings, and dextrose expansion milling and storage systems;

5) 22.9 mg/scm (0.01 gr/scf) for any process emission unit at an instant tea manufacturing plant in Granite City, except the spray dryer, raw tea storage silo, and instant tea filling machines.

c) Exceptions. The mass emission limits ~~contained~~ in subsection (b) ~~do of this Section shall~~ not apply to ~~those~~ emission units with no visible emissions other than fugitive matter. ~~However; however~~, if a stack test is performed, this subsection is not a defense to a finding of a violation of the mass emission limits ~~contained~~ in subsection (b) ~~of this Section~~.

d) Maintenance, Repair, and Recordkeeping. ~~The requirements of~~ Sections 212.324(f) and (g) ~~of this Part shall also~~ apply to this Section.

e) Compliance Date. Emission units ~~must shall~~ comply with the emissions limitations and recordkeeping and reporting requirements of this Section by May 11, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART O: PETROLEUM REFINING, PETROCHEMICAL,
AND CHEMICAL MANUFACTURING

Section 212.381 Catalyst Regenerators of Fluidized Catalytic Converters

Sections 212.321 and 212.322 ~~do of this Part shall~~ not apply to catalyst regenerators of fluidized catalytic converters. ~~A~~ No person ~~must not shall~~ cause or allow the emission rate from catalyst regenerators of fluidized catalytic converters to exceed in any ~~one-hour one hour~~ period the rate determined ~~by using~~ the following equations:

$$E = 4.10 (P)^{0.67} \quad \text{for } P \text{ less than or equal to } 30 \text{ T/hr.}$$

$$E = (55.0 (P)^{0.11}) - 40.0 \quad \text{for } P \text{ greater than } 30 \text{ T/hr.}$$

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where:

- E = allowable emission rate in lbs/hr, and
P = catalyst recycle rate, including the amount of fresh catalyst added, in T/hr.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART Q: STONE, CLAY, GLASS₂ AND
CONCRETE MANUFACTURING

Section 212.421 Portland Cement Processes ~~for~~ Which Construction or Modification Commenced On or After April 14, 1972

~~A~~No person ~~must not~~shall cause or allow the emission of smoke or other particulate matter from any portland cement process for which construction or modification commenced on or after April 14, 1972, into the atmosphere having an opacity greater than ~~10%~~10 percent.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.422 Portland Cement Manufacturing Processes

Section 212.321 ~~does of this Part shall~~ not apply to the kilns and coolers of portland cement manufacturing processes.

- a) The kilns and clinker coolers of portland cement manufacturing processes for which construction or modification commenced ~~before~~prior to April 14, 1972, ~~must~~shall comply with the emission standards and limitations of Section 212.322 ~~of this Part~~.
- b) The kilns and clinker coolers of portland cement manufacturing processes for which construction or modification commenced on or after April 14, 1972, ~~must~~shall comply with the following emission standards and limitations:
 - 1) ~~A~~No person ~~must not~~shall cause or allow the emission of particulate matter into the atmosphere from any such kiln to exceed 0.3 lbs/T of feed to the kiln.
 - 2) ~~A~~No person ~~must not~~shall cause or allow the emission of particulate matter into the atmosphere from any such clinker cooler to exceed 0.1 lbs/T of feed to the kiln.

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.423 Emission Limits for the Portland Cement Manufacturing Plant Located in LaSalle County, South of the Illinois River (Repealed)

a) ~~This Section shall apply to the portland cement manufacturing plant in operation before September 1, 1990, located in LaSalle County, south of the Illinois River. This Section shall not alter the applicability of Sections 212.321 and 212.322 of this Part to portland cement manufacturing processes other than those for which alternate emission limits are specified in subsection (b) of this Section. This Section shall not become effective until April 30, 1992.~~

b) ~~No person shall cause or allow emissions to exceed the emission limits set forth below for each process:~~

~~1)~~

~~PM-10 Emission Limits~~

		Rate		Concentration	
		kg/hr	(lbs/hr)	mg/sec	(gr/sec)
A.	Clinker Cooler	4.67	(10.3)	28.147	(0.012)
B.	Finish Mill High Efficiency Air Separator	2.68	(5.90)	26.087	(0.011)

~~2)~~

~~PM-10 Emission Limits
Including Condensable PM-10~~

		Rate		Concentration	
		kg/hr	(lbs/hr)	mg/sec	(gr/sec)
A.	Raw Mill Roller Mill (RMRM)	6.08	(13.4)	27.5	(0.012)
B.	Kiln without RMRM Operating	19.19	(42.3)	91.5	(0.040)

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~~C. Kiln with RMRM 11.43 (25.2) 89.2 (0.039)~~

- ~~e) No person shall cause or allow any visible emissions from any portland cement manufacturing process emission unit not listed in subsection (b) of this Section.~~
- ~~d) The owner or operator of any process emission unit subject to subsection (b) or (c) of this Section shall maintain and repair all air pollution control equipment in a manner that assures that the applicable emission limits and standards in subsections (b) or (c) of this Section shall be met at all times. Proper maintenance shall include at least the following requirements:
 - ~~1) Visual inspections of air pollution control equipment shall be conducted;~~
 - ~~2) An adequate inventory of spare parts shall be maintained;~~
 - ~~3) Prompt and immediate repairs shall be made upon identification of the need; and~~
 - ~~4) Written records of inventory and documentation of inspections, maintenance, and repairs of all air pollution control equipment shall be kept in accordance with subsection (c) of this Section.~~~~
- e) Recordkeeping of Maintenance and Repair.
 - 1) Written records shall be kept documenting inspections, maintenance, and repairs of all air pollution control equipment. All such records required under this Section shall be kept and maintained for at least three (3) years, shall be available for inspection by the Agency, and, upon request, shall be copied and furnished to Agency representatives during working hours.
 - 2) The owner or operator shall document any period during which any process emission unit was in operation when the air pollution control equipment was not in operation or was not operating properly. These records shall include documentation of causes for pollution control equipment not operating or not operating properly, and shall state what corrective actions were taken and what repairs were made. In any quarter during which such a malfunction should occur, the owner or operator shall mail one copy of the documentation to the Agency.
 - 3) A written record of the inventory of all spare parts not readily available

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~~from local suppliers shall be kept and updated.~~

- 4) ~~Upon written request by the Agency, the owner or operator shall submit any information required pursuant to this Subpart, for any period of time specified in the request. Such information shall be submitted within ten (10) working days from the date on which the request is received.~~
- f) ~~Testing to determine compliance with the emission limits specified for PM-10, condensible PM-10, and detection of visible emissions shall be in accordance with the measurement methods specified in Sections 212.107 and 212.108(a) and (b) of this Part. Ammonium chloride shall be excluded from the measurement of condensible PM-10.~~

(Source: Repealed at 50 Ill. Reg. _____, effective _____)

Section 212.424 Fugitive Particulate Matter Control for the Portland Cement Manufacturing Plant and Associated Quarry Operations Located in LaSalle County, South of the Illinois River (Repealed)

- a) ~~Applicability. This Section shall apply to the portland cement manufacturing plant in operation before September 1, 1990, and associated quarry operations located in LaSalle County, south of the Illinois River. Associated quarry operations are those operations involving the removal and disposal of overburden, and the extraction, crushing, sizing, and transport of limestone and shale for usage at the portland cement manufacturing plant. This Section shall not become effective until April 30, 1992.~~
- b) ~~Applicability of Subpart K of this Part. This Section shall not alter the applicability of Subpart K: Fugitive Particulate Matter.~~
- e) ~~Fugitive Particulate Matter Control Measures For Roadways at the Plant.~~
 - 1) ~~For the unpaved access roadway to the Illinois Central Silos Loadout, the owner or operator shall spray a 30 percent solution of calcium chloride once every 16 weeks at an application rate of at least 1.58 L/m² (0.35 gal/yd²) followed by weekly application of water at a rate of at least 1.58 L/m(2) (0.35 gal/yd²). This subsection shall not apply after the roadway is paved.~~
 - 2) ~~The owner or operator of the portland cement manufacturing plant shall~~

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~~keep written records in accordance with subsection (e) of this Section.~~

d) ~~Fugitive Particulate Matter Control Measures for Associated Quarry Operations.~~

- 1) ~~For the primary crusher, the primary screen, the #3 conveyor from the primary screen to the surge pile, and the surge pile feeders to the #4 conveyor, the owner or operator shall spray a chemical foam spray of at least 1 percent solution of chemical foaming agent in water continuously during operations at a rate of at least 1.25 L/Mg (0.30 gal/T) of rock processed.~~
- 2) ~~The owner or operator shall water all roadways traveled by trucks to and from the primary crusher in the process of transporting raw limestone and shale to the crusher at an application rate of at least 0.50 L/m² (0.10 gal/yd²) applied once every eight hours of operation except under conditions specified in subsection (d)(3) of this Section. Watering shall begin within one hour of commencement of truck traffic each day.~~
- 3) ~~Subsection (d)(2) of this Section shall be followed at all times except under the following circumstances:~~
 - A) ~~Precipitation is occurring such that there are no visible emissions or if precipitation occurred during the previous 2 hours such that there are no visible emissions;~~
 - B) ~~If the ambient temperature is less than or equal to 0° C (32° F); or~~
 - C) ~~If ice or snow build-up has occurred on roadways such that there are no visible emissions.~~
- 4) ~~The owner or operator of the associated quarry operations shall keep written records in accordance with subsection (e) of this Section.~~

e) ~~Recordkeeping and Reporting~~

- 1) ~~The owner or operator of any portland cement manufacturing plant and/or associated quarry operations subject to this Section shall keep written daily records relating to the application of each of the fugitive particulate matter control measures required by this Section.~~

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- 2) ~~The records required under this Section shall include at least the following:~~
 - A) ~~The name and address of the plant;~~
 - B) ~~The name and address of the owner or operator of the plant and associated quarry operations;~~
 - C) ~~A map or diagram showing the location of all fugitive particulate matter emission units controlled including the location, identification, length, and width of roadways;~~
 - D) ~~For each application of water or calcium chloride solution, the name and location of the roadway controlled, the water capacity of each truck, application rate of each truck, frequency of each application, width of each application, start and stop time of each application, identification of each water truck used, total quantity of water or calcium chloride used for each application, including the concentration of calcium chloride used for each application;~~
 - E) ~~For application of chemical foam spray solution, the application rate and frequency of application, name of foaming agent, and total quantity of solution used each day;~~
 - F) ~~Name and designation of the person applying control measures; and~~
 - G) ~~A log recording all failures to use control measures required by this Section with a statement explaining the reasons for each failure and, in the case of a failure to comply with the roadway watering requirements of subsection (d)(2) of this Section, a record showing that one of the circumstances for exceptions listed in subsection (d)(3) of this Section existed during the period of the failure. Such record shall include, for example, the periods of time when the measured temperature was less than or equal to 0° C (32° F).~~
- 3) ~~Copies of all records required by this Section shall be submitted to the Agency within ten (10) working days after a written request by the Agency.~~

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- 4) ~~The records required under this Section shall be kept and maintained for at least three (3) years and shall be available for inspection and copying by Agency representatives during working hours.~~
- 5) ~~A quarterly report shall be submitted to the Agency stating the following: the dates required control measures were not implemented, the required control measures, the reasons that the control measures were not implemented, and the corrective actions taken. This report shall include those times when subsection (d) of this Section is involved. This report shall be submitted to the Agency thirty (30) calendar days from the end of a quarter. Quarters end March 31, June 30, September 30, and December 31.~~

(Source: Repealed at 50 Ill. Reg. _____, effective _____)

Section 212.425 Emission Units in Certain Areas

- a) This Section ~~applies shall apply~~ to ~~those~~ emission units located in ~~those~~ areas defined in Section 212.324(a)(1) ~~of this Part~~.
- b) ~~A~~ ~~No~~ person ~~must not shall~~ cause or allow the emission of PM₁₀₋₁₀, other than ~~that~~ ~~of~~ fugitive particulate matter, into the atmosphere to exceed the following limits during any ~~one-hour one hour~~ period:
 - 1) 57.2 mg/scm (0.025 gr/scf) for coater and cooling loop ventilator at a roofing asphalt manufacturing plant located in the Village of Summit;
 - 2) 34.3 mg/scm (0.015 gr/scf) for mineral filler handling emission units at a roofing asphalt manufacturing plant located in the Village of Summit;
 - 3) 0.03 kg/Mg (0.06 lb/T) of asphalt mixed for asphalt mixer at a roofing asphalt manufacturing plant located in the Village of Summit;
 - 4) 91.6 mg/scm (0.04 gr/scf) for roofing asphalt blowing stills, except stills Nos. 1 and 2, at a roofing asphalt manufacturing plant located in the Village of Summit;
 - 5) 45.8 mg/scm (0.02 gr/scf) for kilns in the lime manufacturing industry;

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- 6) 22.9 mg/scm (0.01 gr/scf) for all other process emission units in the lime manufacturing industry;
- 7) 0.325 kg/Mg (0.65 lb/T) of glass produced for all glass melting furnaces.
- c) The mass emission limits ~~contained~~ in subsection (b) ~~do of this Section shall~~ not apply to ~~those~~ emission units with no visible emissions other than fugitive particulate matter. ~~However; however~~, if a stack test is performed, this subsection is not a defense to a finding of a violation of the mass emission limits ~~contained~~ in subsection (b) ~~of this Section~~.
- d) ~~The requirements of~~ Section 212.324(f) and (g) ~~of this Part shall also~~ apply to this Section.
- e) Emission units ~~must shall~~ comply with the emissions limitations and recordkeeping and reporting requirements of this Section by May 11, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART R: PRIMARY AND FABRICATED METAL PRODUCTS
AND MACHINERY MANUFACTURE

Section 212.441 Steel Manufacturing Processes

Except where noted, Sections 212.321 and 212.322 ~~do of this Part shall~~ not apply to the steel manufacturing processes subject to Sections 212.442 through 212.452 ~~of this Subpart~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.442 Beehive Coke Ovens

~~A~~ No person ~~must not shall~~ cause or allow the use of beehive ovens in any coke manufacturing process.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.443 Coke Plants

- a) Subpart B ~~does of this Part shall~~ not apply to coke plants.

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b) Charging.

1) Uncaptured Emissions:

A) ~~A~~ No person ~~must not~~ shall cause or allow the emission of visible particulate matter from any coke oven charging operation, from the introduction of coal into the first charge port, as indicated by the first mechanical movement of the coal feeding mechanism on the larry car, to the replacement of the final charge port lid, for more than a total of 125 seconds over ~~five~~ 5 consecutive charges. ~~However, one; provided however that 1~~ charge out of any 20 consecutive charges may be deemed an uncountable charge at the option of the operator.

B) Compliance with the limitation ~~set forth~~ in subsection (b)(1)(A) ~~must of this Section shall~~ be determined in the following manner:

i) Observation of charging emissions ~~must~~ shall be made from any point or points on the topside of a coke oven battery from which a qualified observer can obtain an unobstructed view of the charging operation.

ii) The qualified observer ~~must~~ shall time the visible emissions with a stopwatch while observing the charging operation ~~and must time only. Only~~ emissions from the charge port and any part of the larry car ~~shall be timed~~. The observation ~~must~~ shall commence as soon as coal is introduced into the first charge port as indicated by the first mechanical movement of the coal feeding mechanism on the larry car and ~~must~~ shall terminate when the last charge port lid has been replaced. Simultaneous emissions from more than one emission point ~~must~~ shall be timed and recorded as one emission and ~~must~~ shall not be added individually to the total time.

iii) The qualified observer ~~must~~ shall determine and record the total number of seconds that charging emissions are visible during the charging of coal to the coke oven.

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- iv) For each charge observed, the qualified observer ~~must~~shall record the total number of seconds of visible emissions, the clock time for the initiation and completion of the charging operation, and the battery identification and oven number.
- v) The qualified observer ~~must~~shall not record any emissions observed after all charging port lids have been firmly seated ~~after following~~ removal of the larry car, such as emissions occurring when a lid has been temporarily removed to permit spilled coal to be swept into the oven.
- vi) ~~If in the event that~~ observations from a charge are interrupted, the data from the charge ~~must~~shall be invalidated and the qualified observer ~~must~~shall note on ~~their~~his observation sheet the reason for invalidating the data. The qualified observer ~~must~~shall then resume observation of the next consecutive charge or charges and continue until a set of five charges has been recorded. Charges immediately preceding and following interrupted observations ~~must~~shall be considered consecutive.

2) Emissions from Control Equipment

- A) Emissions of particulate matter from control equipment used to capture emissions during charging ~~must~~shall not exceed 0.046 g/dscm (0.020 gr/dscf). Compliance ~~must~~shall be determined in ~~compliance accordance~~ with the procedures ~~set forth~~ in 40 CFR ~~part 60,~~ Appendix A, Methods 1 through 5, incorporated by reference in Section 212.113 ~~of this Part~~. *The provisions of Section 111 of the federal Clean Air Act (42 U.S.C. 7411), as amended, relating to standards of performance for new stationary sources...are applicable in this State and are enforceable under the Act ([415 ILCS 5/9.1(b)]).*
- B) The opacity of emissions from control equipment ~~must~~shall not exceed an average of ~~20%20 percent~~, averaging the total number of readings taken. Opacity readings ~~must~~shall be taken at 15-second intervals from the introduction of coal into the first charge port as indicated by the first mechanical movement of the coal feeding mechanism on the larry car to the replacement of the final

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charge port lid. Compliance, except for the number of readings required, ~~must~~ shall be determined in ~~compliance accordance~~ with 40 CFR ~~part 60,~~ Appendix A, Method 9, incorporated by reference in Section 212.113 ~~of this Part~~. *The provisions of Section 111 of the federal Clean Air Act (42 U.S.C. 7411), as amended, relating to standards of performance for new stationary sources...are applicable in this State and are enforceable under ~~the~~ Act (415 ILCS 5/9.1(b)).*

C) Opacity readings of emissions from control equipment ~~must~~ shall be taken concurrently with observations of fugitive particulate matter. Two qualified observers ~~are~~ shall be required.

3) Qualified observers ~~underreferenced in~~ subsection (b) ~~must of this Section~~ shall be certified ~~underpursuant to~~ 40 CFR ~~part 60,~~ Appendix A, Method 9, incorporated by reference in Section 212.113 ~~of this Part~~. *The provisions of Section 111 of the federal Clean Air Act (42 U.S.C. 7411), as amended, relating to standards of performance for new stationary sources ... are applicable in this State and are enforceable under ~~the~~ Act (415 ILCS 5/9.1(b)).*

c) Pushing:

1) Uncaptured Emissions:

A) Emissions of uncaptured particulate matter from pushing operations ~~must~~ shall not exceed an average of ~~20%20 percent~~ opacity for ~~four~~4 consecutive pushes considering the highest average of six consecutive readings in each push. Opacity readings ~~must~~ shall be taken at 15-second intervals, beginning from the time the coke falls into the receiving car or is first visible as it emerges from the coke guide, whichever occurs earlier, until the receiving car enters the quench tower or quenching device. For a push of less than 90 seconds duration, the actual number of 15-second readings ~~must~~ shall be averaged.

B) Opacity readings ~~must~~ shall be taken by a qualified observer located in a position where the oven being pushed, the coke receiving car, and the path to the quench tower are visible. The opacity ~~must~~ shall be read as the emissions rise and clear the top of

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the coke battery gas mains. The qualified observer ~~must~~ record opacity readings of emissions originating at the receiving car and associated equipment and the coke oven, including the standpipe on the coke side of the oven being pushed. Opacity readings ~~must~~ be taken in ~~compliance~~ with ~~the procedures set forth in~~ 40 CFR ~~part 60,~~ Appendix A, Method 9, incorporated by reference in Section 212.113 ~~of this Part~~, except that Section 2.5 for data reduction ~~must~~ not be used. The qualified observer ~~underreferenced in~~ this subsection ~~must~~ be certified ~~underpursuant to~~ 40 CFR ~~part 60,~~ Appendix A, Method 9, incorporated by reference in Section 212.113. *The provisions of Section 111 of the federal Clean Air Act (42 U.S.C. 7411), as amended, relating to standards of performance for new stationary sources...are applicable in this State and are enforceable under the Act (415 ILCS 5/9.1(b)).*

2) Emissions from Control Equipment

- A) The particulate emissions from control equipment used to control emissions during pushing operations ~~must~~ not exceed 0.040 lbs/T ~~pounds per ton~~ of coke pushed. Compliance ~~must~~ be determined in ~~compliance~~ with ~~the procedures set forth in~~ 40 CFR ~~part 60,~~ Appendix A, Methods 1 through 5, incorporated by reference in Section 212.113 ~~of this Part~~. *The provisions of Section 111 of the federal Clean Air Act (42 U.S.C. 7411), as amended, relating to standards of performance for new stationary sources...are applicable in this State and are enforceable under the Act (415 ILCS 5/9.1(b)).* Compliance ~~must~~ be based on an arithmetic average of three runs (stack tests), and the calculations ~~must~~ be based on the duration of a push as defined in subsection (c)(1)(A) ~~of this Section~~.
- B) The opacity of emissions from control equipment used to control emissions during pushing operations ~~must~~ not exceed 20%. For a push of less than six minutes duration, the actual number of 15-second readings taken ~~must~~ be averaged. Compliance ~~must~~ be determined in ~~compliance~~ with 40 CFR ~~part 60,~~ Appendix A, Method 9, incorporated by reference in Section 212.113 ~~of this Part~~. *The provisions of Section 111 of the federal Clean Air Act (42 U.S.C. 7411), as amended, relating to*

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standards of performance for new stationary sources ... are applicable in this State and are enforceable under ~~the~~ Act (415 ILCS 5/9.1(b)). Method 9, Section 2.5 for data reduction ~~must of~~ 40 CFR part 60, Appendix A, Method 9, incorporated by reference in Section 212.113 of this Part, for data reduction ~~shall~~ not be used for pushes of less than six minutes duration.

- d) Coke Oven Doors.
- 1) ~~A~~No person ~~must not~~shall cause or allow visible emissions from more than ~~10%10 percent~~ of all coke oven doors at any time. Compliance ~~must~~shall be determined by a one pass observation of all coke oven doors on any one battery.
 - 2) ~~A~~No person ~~must not~~shall cause or allow the operation of a coke oven unless there is on the plant premises at all times an adequate inventory of spare coke oven doors and seals, and unless there is a readily available coke oven door repair facility.
- e) Coke Oven Lids. ~~A~~No person ~~must not~~shall cause or allow visible emission from more than ~~5%5 percent~~ of all coke oven lids at any time. Compliance ~~must~~shall be determined by a one pass observation of all coke oven lids.
- f) Coke Oven Offtake Piping. ~~A~~No person ~~must not~~shall cause or allow visible emissions from more than ~~10%10 percent~~ of all coke oven offtake piping at any time. Compliance ~~must~~shall be determined by a one pass observation of all coke oven offtake piping.
- g) Coke Oven Combustion Stack.
- 1) ~~A~~No person ~~must not~~shall cause or allow the ~~emission~~emission of particulate matter from a coke oven combustion stack to exceed 110 mg/dscm (0.05 gr/dscf); and
 - 2) ~~A~~No person ~~must not~~shall cause or allow the emission of particulate matter from a coke oven combustion stack to exceed 30% opacity. Compliance ~~must~~shall be determined in ~~compliance~~accordance with 40 CFR ~~part 60,~~ Appendix A, Method 9, incorporated by reference in Section 212.113 ~~of this Part~~. However, the opacity limit ~~does~~shall not apply to a coke oven combustion stack when a leak between any coke

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oven and the oven's vertical or crossover flues is being repaired, after pushing coke from the oven is completed, but before ~~resuming~~ ~~resumption~~ of charging. The exemption from the opacity limit ~~must~~ ~~shall~~ not exceed three ~~(3)~~ hours per oven repaired. The owner or operator ~~must~~ ~~shall~~ keep written records identifying the oven repaired, and the date, time, and duration of all repair periods. These records ~~are~~ ~~shall~~ be subject to ~~the requirements of~~ Section 212.324(g)(4) and (g)(5) ~~of this Part~~.

h) Quenching.

- 1) All coke oven quench towers ~~must~~ ~~shall~~ be equipped with grit arrestors or equipment of comparable effectiveness. Baffles ~~must~~ ~~shall~~ cover ~~95%~~ ~~95 percent~~ or more of the cross sectional area of the exhaust vent or stack and must be maintained. Quench water ~~must~~ ~~shall~~ not include untreated coke by-product plant effluent. All water placed on the coke being quenched ~~must~~ ~~shall~~ be quench water.
- 2) Total dissolved solids concentrations in the quench water ~~must~~ ~~shall~~ not exceed a weekly average of ~~1,200~~ ~~1200~~ mg/L.
- 3) The quench water ~~must~~ ~~shall~~ be sampled for total dissolved solids concentrations in ~~compliance~~ ~~accordance~~ with the methods ~~specified~~ in Standard Methods for the Examination of Water and Wastewater, Section ~~2540C~~ ~~209C~~, "Total ~~Dissolved Solids~~ ~~Filtrable Residue~~ Dried at ~~180 °C~~, ~~24th~~ ~~103-105 °C~~," 15th Edition, ~~2020~~ ~~1980~~, incorporated by reference in Section 212.113 ~~of this Part~~. Analyses ~~must~~ ~~shall~~ be performed on grab samples of the quench water as applied to the coke. Samples ~~must~~ ~~shall~~ be collected a minimum of five days per week per quench tower and analyzed to report a weekly concentration. The samples for each week ~~must~~ ~~shall~~ be analyzed either:
 - i) Separately, with the average of the individual daily concentrations determined; or
 - ii) As one composite sample, with equal volumes of the individual daily samples combined to form the composite sample.
- 4) The records required under this subsection ~~must~~ ~~shall~~ be kept and maintained for at least three ~~(3)~~ years and upon ~~prior~~ notice ~~must~~ ~~shall~~ be available for inspection and copying by Agency representatives during

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work hours.

- i) Work Rules: ~~A~~~~No~~ person ~~must not~~~~shall~~ cause or allow the operation of a by-product coke plant except in ~~compliance~~~~accordance~~ with operating and maintenance work rules approved by the Agency.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.444 Sinter Processes

Emissions of particulate matter from sinter processes ~~must~~~~shall~~ be controlled as follows:

- a) Breaker Box. ~~A~~~~No~~ person ~~must not~~~~shall~~ cause or allow the emission of particulate matter into the atmosphere from the breaker stack of any sinter process to exceed the allowable emission rate ~~underspecified by~~ Section 212.321 ~~of this Part~~.
- b) Main Windbox. ~~A~~~~No~~ person ~~must not~~~~shall~~ cause or allow the emission of particulate matter into the atmosphere from the main windbox of any existing sinter process to exceed 1.2 times the allowable emission rate ~~underspecified by~~ Section 212.321 ~~of this Part~~.
- c) Balling Mill Drum, Mixing Drum, Pug Mill, and Cooler. ~~A~~~~No~~ person ~~must not~~~~shall~~ cause or allow the emission of visible particulate matter into the atmosphere from any balling mill drum, mixing drum, pug mill, or cooler to exceed ~~30%~~~~30 percent~~ opacity.
- d) Hot and Cold Screens.
- 1) Particulate matter emissions from all hot and cold screens ~~must~~~~shall~~ be controlled by air pollution control equipment or an equivalent dust suppression system. Emissions from ~~that~~~~said~~ air pollution control equipment ~~must~~~~shall~~ not exceed 69 mg/dscm (0.03 gr/dscf).
- 2) If the owner or operator can establish that the particulate matter emissions from the hot screens and cold screens do not exceed the aggregate of the allowable emissions ~~underspecified by~~ Section 212.321 ~~of this Part~~ or ~~Section 212.322 of this Part~~, whichever is applicable, then subsection (d)(1) ~~does of this Section shall~~ not apply.

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.445 Blast Furnace Cast Houses

a) Uncaptured Emissions.

- 1) Emissions of uncaptured particulate matter from any opening in a blast furnace cast house ~~must~~ shall not exceed ~~20%20 percent~~ opacity on a ~~six-minute~~ ~~six (6) minute~~ rolling average basis beginning from initiation of the opening of the tap hole ~~up~~ to the point where the iron and slag stops flowing in the trough.
- 2) Opacity readings ~~must~~ shall be taken in ~~compliance~~ ~~accordance~~ with the observation procedures ~~set out~~ in 40 CFR ~~part 60,~~ Appendix A, Method 9, incorporated by reference in Section 212.113 ~~of this Part.~~

b) Emissions from Control Equipment

- 1) Particulate matter emissions from control equipment used to collect any of the emissions from the tap hole, trough, iron or slag runners, or iron or slag spouts ~~must~~ shall not exceed 0.023 g/dscm (0.010 gr/dscf). Compliance ~~must~~ shall be determined in ~~compliance~~ ~~accordance~~ with ~~the~~ ~~procedures set out in~~ 40 CFR ~~part 60,~~ Appendix A, Methods 1 through 5, incorporated by reference in Section 212.113 ~~of this Part,~~ and ~~must~~ shall be based on the arithmetic average of three runs. Calculations ~~must~~ shall be based on the duration of a cast defined in subsection (a)(1) ~~of this Section.~~
- 2) The opacity of emissions from control equipment used to collect any of the particulate matter emissions from the tap hole, trough, iron or slag runners, or iron or slag spouts ~~must~~ shall not exceed ~~10%10 percent~~ on a ~~six-minute~~ ~~six (6) minute~~ rolling average basis. Opacity readings ~~must~~ shall be taken in ~~compliance~~ ~~accordance~~ with the observation procedures ~~set out~~ in 40 CFR ~~part 60,~~ Appendix A, Method 9, incorporated by reference in Section 212.113 ~~of this Part.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.446 Basic Oxygen Furnaces

Emissions of particulate matter from basic oxygen processes ~~must~~ shall be controlled as follows:

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- a) Charging, Refining and Tapping. Particulate matter emissions from all basic oxygen furnaces (BOF) ~~must~~ shall be collected and ducted to pollution control equipment. Unless subsection (c) ~~of this Section~~ applies, emissions from ~~BOF basic oxygen furnaces~~ operations during the entire cycle (operations from the beginning of the charging process through the end of the tapping process) ~~must~~ shall not exceed the allowable emission rate ~~underspecified by~~ Section 212.321 or ~~Section 212.322 of this Part~~, whichever ~~applies is applicable~~. ~~To compute~~ ~~For purposes of computing~~ the process weight rate for this subsection, nongaseous material charged to the furnace and process oxygen ~~must~~ shall be included. ~~The computation must not include any~~ ~~No~~ material ~~shall be included~~ more than once.
- b) Hot Metal Transfer, Hot Metal Desulfurization, and Ladle Lancing.
- 1) Particulate matter emissions from hot metal transfers to a mixer or ladle, hot metal desulfurization operations, and ladle lancing ~~must~~ shall be collected and ducted to pollution control equipment, and emissions from the pollution control equipment ~~must~~ shall not exceed 69 mg/dscm (0.03 gr/dscf).
- 2) If the owner or operator can establish that the total particulate matter emissions from hot metal transfers, hot metal desulfurization operations, and ladle lancing operations combined do not exceed the allowable emissions ~~underspecified by~~ Section 212.321 or ~~Section 212.322~~, whichever ~~applies is applicable~~, where the process weight rate (P) is the hot metal charged to the BOF vessel, then subsection (b)(1) ~~does above~~ shall not apply.
- c) ~~A~~ ~~No~~ person ~~must not~~ shall cause or allow uncaptured emissions from any opening in the building housing the BOF shop to exceed an opacity of ~~20% 20 percent~~ at integrated iron and steel plants in the vicinity of Granite City, as described in Section 212.324(a)(1)(C) ~~of this Part~~. Compliance with this subsection ~~must~~ shall be determined in ~~compliance accordance~~ with 40 CFR ~~part 60,~~ Appendix A, Method 9, incorporated by reference in Section 212.113 ~~of this Part~~, except that compliance ~~must~~ shall be determined by averaging any 12 consecutive observations taken at ~~15-second 15 second~~ intervals.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 212.447 Hot Metal Desulfurization Not Located in the BOF

The particulate matter emissions from hot metal desulfurization ~~must~~ be collected and ducted to pollution control equipment, and emissions from the pollution control equipment ~~must~~ not exceed 69 mg/dscm (0.03 gr/dscf).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.448 Electric Arc Furnaces

The total particulate emissions from meltdown and refining, charging, tapping, slagging, electrode port leakage, and ladle lancing ~~must~~ not exceed the allowable emission rate ~~underspecified by~~ Section 212.321 or 212.322 ~~of this Part~~, whichever ~~applies is applicable~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.449 Argon-Oxygen Decarburization Vessels

The total particulate matter emissions from all charging, refining, alloy addition, and tapping operations ~~must~~ not exceed the allowable emission rate ~~underspecified by~~ Section 212.321 or ~~Section 212.322 of this Part~~, whichever ~~applies is applicable~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.450 Liquid Steel Charging

Particulate matter emissions from liquid steel charging in continuous casting operations ~~must~~ be controlled by chemical or mechanical shrouds or methods of comparable effectiveness.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.451 Hot Scarfing Machines

All hot scarfing machines ~~must~~ be controlled by pollution control equipment. Emissions from ~~that said~~ pollution control equipment ~~must~~ not exceed 69 mg/dscm (0.03 gr/dscf) during hot scarfing operations. ~~The Provided, however, that the~~ hot scarfing machine existing on January 1, 1987, and operated by the LTV Steel Company, Inc., at its Chicago Works, which employs wet scrubbers, may emit particulate matter in amounts not exceeding 138 mg/dscm (0.06 gr/dscf) during hot scarfing operations so long as emissions do not exceed 23 mg/dscm

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(0.01 gr/dscf) as an hourly average, as measured per hour.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.452 Measurement Methods

Particulate matter emissions from emission units subject to Sections 212.441 through 212.451 ~~must of this Subpart shall~~ be determined in ~~compliance accordance~~ with procedures ~~published in~~ 40 CFR ~~part 60.5~~ Appendix A, Methods 1 through 5, front one-half of the sampling train, incorporated by reference in Section 212.113 ~~of this Part~~. Visible emission evaluation ~~to determine for determining~~ compliance ~~must shall~~ be conducted in ~~compliance accordance~~ with procedures ~~published in~~ 40 CFR ~~part 60.5~~ Appendix A, Method 9, incorporated by reference in Section 212.113 ~~of this Part~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.455 Highlines on Steel Mills

Section 212.308 ~~does of this Part shall~~ not apply to highlines at steel mills.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.456 Certain Small Foundries

Sections 212.321 and 212.322 ~~do of this Part shall~~ not apply to foundry cupolas if all the following conditions are met:

- a) The cupola ~~existed before was in existence prior to~~ April 15, 1967;
- b) The cupola process weight rate is less than or equal to 20,000 lbs/hr;
- c) The cupola as of April 14, 1972, either:
 - 1) ~~Complies Is in compliance~~ with the following allowable emissions from small foundries ~~underecovered by~~ this Section:

Process Weight Rate lbs/hr	Allowable Emission Rate lbs/hr
1,000	3.05
2,000	4.70

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3,000	6.35
4,000	8.00
5,000	9.58
6,000	11.30
7,000	12.90
8,000	14.30
9,000	15.50
10,000	16.65
12,000	18.70
16,000	21.60
18,000	23.40
20,000	25.10

(~~BOARD NOTE~~~~Board Note~~: For process weight rates not listed, straight line interpolation between two consecutive process weight rates ~~must~~~~shall~~ be used to determine allowable emission rates.); or

- 2) ~~Complies~~~~Is in compliance~~ with the terms and conditions of a variance granted by the ~~Pollution Control Board~~ (Board); and construction has commenced on equipment or modifications sufficient to achieve compliance with subsection (c)(1) ~~of this Section~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.457 Certain Small Iron-Melting Air Furnaces

Section 212.322 ~~does~~~~of this Part shall~~ not apply to iron-melting air furnaces if all the following conditions are met:

- a) The air furnace ~~existed before~~~~was in existence prior to~~ April 15, 1967, and is located in Hoopston, Vermilion County, Illinois;
- b) The air furnace process weight rate is less than or equal to 5,000 lbs/hr;
- c) The air furnace as of November 23, 1977, either:
 - 1) ~~Complies~~~~Is in compliance~~ with the following allowable emissions from small iron-melting air furnaces ~~under~~~~covered by~~ this Section:

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Process Weight Rate	Allowable Average Emission Rate
lbs/hr	lbs/hr
1,000	6.10
2,000	9.40
3,000	12.70
4,000	16.00
5,000	19.16

(~~BOARD NOTE~~~~Board Note~~: The average emission rate is computed by dividing the sum of the emissions during operation by the number of hours of operation, excluding any time during which the equipment is idle. For process weight rates not listed, straight line interpolation between two consecutive process weight rates ~~must~~~~shall~~ be used to determine allowable average emission rates.); or

- 2) ~~Complies~~~~Is in compliance~~ with the terms and conditions of a variance granted by the Board; and construction has commenced on equipment or modifications sufficient to achieve compliance with subsection (c)(1) ~~of this Section.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.458 Emission Units in Certain Areas

- a) Applicability. This Section ~~applies~~~~shall apply~~ to ~~those~~ emission units located in ~~the~~~~these~~ areas defined in Section 212.324(a)(1) ~~of this Part.~~
- b) Emission Limitation. ~~A~~~~No~~ person ~~must not~~~~shall~~ cause or allow emissions of ~~PM₁₀~~~~PM-10~~, other than ~~that of~~ fugitive particulate matter, into the atmosphere to exceed the following limits during any ~~one-hour~~~~one hour~~ period:
 - 1) 15.9 ng/J (0.037 lbs/~~MMbtu~~~~mmbtu~~) of heat input from any fuel combustion emission unit located at the steel plant between 106th and 111th Streets in City of Chicago;
 - 2) 22.9 mg/scm (0.01 gr/scf) for the ~~BOF~~~~basic oxygen furnace~~ additive systems in the Village of Riverdale;
 - 3) 4.3 ng/J (0.01 lbs/~~MMbtu~~~~mmbtu~~) of heat input from ~~the~~ burning ~~of~~ fuel in the soaking pits in the Village of Riverdale;

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- 4) 64.08 mg/scm (0.028 gr/scf) from the electrostatic precipitator discharge of the basic oxygen process in the Village of Riverdale;
- 5) 45.8 mg/scm (0.02 gr/scf) from the pickling process at a steel plant in the Village of Riverdale;
- 6) ~~5%5 percent~~ opacity for coal handling systems equipped with fabric filters at a steel plant located in the City of Chicago;
- 7) 22.9 mg/scm (0.01 gr/scf) from any process emission unit located at integrated iron and steel plants in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C) ~~of this Part~~, except as otherwise provided in this Section or in Sections 212.443 and 212.446 ~~of this Subpart~~;
- 8) ~~5%5 percent~~ opacity for continuous caster spray chambers or continuous casting operations at steel plants in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C) ~~of this Subpart~~;
- 9) 32.25 ng/J (0.075 lbs/~~MMbtummbtu~~) of heat input from ~~the~~ burning of coke oven gas at all emission units, other than coke oven combustion stacks, at steel plants in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C) ~~of this Subpart~~;
- 10) 38.7 ng/J (0.09 lbs/~~MMbtummbtu~~) of heat input from the slab furnaces at steel plants in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C) ~~of this Subpart~~;
- 11) 22.9 mg/scm (0.01 gr/scf) for all process emission units at secondary lead processing plant located in Granite City, except the salt flux crusher;
- 12) 22.9 mg/scm (0.01 gr/scf) for any melting furnace at a secondary aluminum smelting and refining plant in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C) ~~of this Part~~;
- 13) 45.8 mg/scm (0.02 gr/scf) from ~~the~~ No. 6 mill brusher, and metal chip handling system at a secondary aluminum smelting and refining plant located in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C) ~~of this Part~~;

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- 14) 0.05 kg/Mg (~~0.10 lb/T~~~~0.01 lb/T~~) of sand processed from molding sand forming systems at a steel foundry plant located in Granite City;
- 15) 0.01 kg/Mg (0.02 lbs/T) of sand processed from recycle sand shakeouts at a steel foundry plant located in Granite City;
- 16) At a steel foundry plant located in Granite City:
 - A) ~~20%~~~~20 percent~~ opacity for all emission units; and
 - B) 22.9 mg/scm (0.01 gr/scf) for all process emission units, except the sand dryer, sand cooler, chill tumbler, paint booth, chromite reclamation, core baking ovens, electric arc shop roof ventilators, and emission units listed in subsections (b)(14) and (b)(15) ~~of this Section;~~
- 17) 41.2 mg/scm (0.018 gr/scf) for cold rolling mill emission units at a metal finishing plant located in the Village of McCook;
- 18) 2.15 ng/J (0.005 lbs/~~MMbtummbtu~~) of heat input from ~~the~~ burning ~~of~~ fuel in any process emission unit at a secondary aluminum smelting and refining plant, ~~and/or~~ aluminum finishing plant, or both;
- 19) 22.9 mg/scm (0.01 gr/scf) from dross pad, dross cooling, and dross mixing units at a secondary aluminum smelting and refining plant, ~~and/or~~ aluminum finishing plant, or both;
- 20) 12.9 ng/J (0.03 lbs/~~MMbtummbtu~~) of heat input from any fuel combustion emission unit that heats air for space heating purposes at a secondary aluminum smelting and refining plant located in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C) ~~of this Part~~;
- 21) 68.7 mg/scm (0.03 gr/scf) for any holding furnace at a secondary aluminum smelting and refining plant in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C) ~~of this Part~~;
- 22) 2.15 ng/J (0.005 lb/~~MMbtummbtu~~) of heat input from the steel works boilers located at the steel making facilities at a steel plant in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C);

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- 23) 27.24 kg/hr (60 lbs/hr) and 0.1125 kg/Mg (.225 lbs/T) of total steel in process, whichever limit is more stringent, for the total of all ~~BOF basic oxygen furnace~~ processes described in Section 212.446(a) ~~of this Subpart~~ and measured at the BOF stack located at a steel plant in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C) ~~of this Part~~;
- 24) North and south melting furnaces at a secondary aluminum smelting and refining plant located in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C) ~~of this Part~~, cannot be operated simultaneously;
- 25) Magnesium pot furnaces at a secondary aluminum smelting and refining plant located in the vicinity of Granite City, as defined in Section 212.324(a)(1)(C) ~~of this Part~~, can be operated no more than two lines at a time;
- 26) 2.15 ng/J (0.005 lbs/MMbtummbtu) of heat input from any fuel combustion emission unit at a secondary aluminum smelting and refining plant, ~~and/or~~ aluminum finishing plant, or both, except as provided in subsection (b)(20) ~~of this Section~~;
- 27) 91.6 mg/scm (0.040 gr/scf) and 0.45 kg/hr (1 lb/hr) for melting furnaces Nos. 6, 7, and 8 at a metal finishing plant in the Village of McCook, with operation limited to no more than two of these furnaces at one time;
- 28) 183 mg/scm (0.080 gr/scf) and 0.91 kg/hr (2 lbs/hr) for holding furnaces Nos. 6, 7, and 8 at a metal finishing plant in the Village of McCook, with operation limited to no more than two of these furnaces at one time;
- 29) 54.9 mg/scm (0.024 gr/scf) and 1.81 kg/hr (4 lbs/hr) for melting furnaces Nos. 24, 25, and 26 at a metal finishing plant in the Village of McCook;
- 30) 34.3 mg/scm (0.015 gr/scf) and 1.81 kg/hr (4 lbs/hr) for melting furnaces Nos. 27, 28, 29, and 30 at a metal finishing plant in the Village of McCook;
- 31) 32.0 mg/scm (0.014 gr/scf) and 0.45 kg/hr (1 lb/hr) for holding furnaces Nos. 24, 25, and 26 at a metal finishing plant in the Village of McCook, except that during fluxing operation those furnaces may emit 195 mg/scm (0.085 gr/scf) and 2.72 kg/hr (6 lbs/hr);

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- 32) 34.3 mg/scm (0.015 gr/scf) and 0.45 kg/hr (1 lb/hr) for holding furnaces Nos. 27, 28, 29, and 30 at a metal finishing plant in the Village of McCook, except that during fluxing operation those furnaces may emit 217 mg/scm (0.095 gr/scf) and 2.72 kg/hr (6 lbs/hr);
- 33) Fluxing operations at holding furnaces Nos. 24, 25, 26, 27, 28, 29, and 30 at a metal finishing plant in the Village of McCook ~~must~~ shall be limited to no more than three at any one time.
- c) Exceptions. The mass emission limits ~~contained~~ in subsection (b) ~~do of this Section shall~~ not apply to ~~those~~ emission units with no visible emissions other than ~~that of~~ fugitive particulate matter. ~~However; however,~~ if a stack test is performed, this subsection is not a defense to a finding of a violation of the mass emission limits ~~contained~~ in subsection (b) ~~of this Section~~.
- d) Maintenance, Repair, and Recordkeeping. ~~The requirements of~~ Section 212.324(f) and (g) ~~of this Part shall also~~ apply to this Section.
- e) Compliance with this Section is required by December 10, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART S: AGRICULTURE

Section 212.461 Grain-Handling and Drying in General

- a) Sections 212.302(a), 212.321, and 212.322 ~~do of this Part shall~~ not apply to grain-handling and grain-drying operations, portable grain-handling equipment, and one-turn storage space.
- b) Housekeeping Practices. All grain-handling and grain-drying operations, regardless of size, must implement and use the following housekeeping practices:
- 1) Air pollution control devices ~~must~~ shall be checked daily and cleaned as necessary to insure proper operation.
 - 2) Cleaning and Maintenance.
 - A) Floors ~~must~~ shall be kept swept and cleaned from boot pit to cupola

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- floor. Roof or bin decks and other exposed flat surfaces ~~must~~ shall be kept clean of grain and dust that would tend to rot or become airborne.
- B) Cleaning ~~must~~ shall be ~~performed~~ handled in ~~such~~ a manner ~~preventing as not to permit~~ dust ~~from escaping to escape~~ to the atmosphere.
- C) The yard and surrounding open area, including ~~but not limited to~~ ditches and curbs, ~~must~~ shall be cleaned to prevent ~~the~~ accumulation of rotting grain.
- 3) Dump Pit.
- A) Aspiration equipment ~~must~~ shall be maintained and operated.
- B) Dust control devices ~~must~~ shall be maintained and operated.
- 4) Head House. The head house ~~must~~ shall be maintained in such a fashion that visible quantities of dust or dirt are not allowed to escape to the atmosphere.
- 5) Property. The yard and driveway of any source ~~must~~ shall be asphalted, oiled, or equivalently treated to control dust.
- 6) Housekeeping Check List. Housekeeping check lists to be developed by the Agency ~~must~~ shall be completed by the manager and maintained on the premises for inspection by Agency personnel.
- c) Exemptions. Any grain-handling operation for which construction or modification commenced ~~before prior to~~ June 30, 1975, ~~with having~~ a grain through-put of ~~up to two not more than 2~~ million bushels per year and located inside a major population area, and any grain-handling operation or grain-drying operation for which construction or modification commenced ~~before prior to~~ June 30, 1975, located outside of a major population area ~~and which is~~ required to apply for a permit ~~under pursuant to~~ Sections 212.462 and 212.463 ~~of this Subpart~~, respectively, ~~must~~ shall receive ~~that such~~ permit ~~despite notwithstanding~~ the control requirements of those respective rules, ~~if the provided said~~ operation can demonstrate that the following conditions exist upon application for, or renewal of, an operating permit:

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- 1) The requirements of subsection (b) ~~of this Section~~ are being met; and
- 2) No certified investigation is on file with the Agency indicating ~~that there is~~ an alleged violation ~~before prior to issuance of~~ the permit is issued.
 - A) If a certified investigation is on file with the Agency indicating an alleged violation, any applicant may obtain an exemption for certain operations if ~~the said~~ applicant can prove to the Agency that those parts of ~~the his~~ operation for which ~~they seek he seeks~~ exemption are not the probable cause of the alleged violation.
 - B) Applicants requesting an exemption in ~~compliance accordance~~ with ~~the provisions of~~ subsection (c)(2)(A) ~~of this Section~~ may be granted an operating permit for up to a limited time, not to exceed twelve (12) months in duration, if an objection is on file with the Agency on which a certified investigation has not been made ~~before prior to issuance of~~ the permit is issued.
 - C) An applicant may consider denial of an exemption under this rule as a refusal by the Agency to issue a permit. This denial entitles shall entitle the applicant to appeal the Agency's decision to the Board ~~under pursuant to~~ Section 40 of the Act (~~[~~415 ILCS 5/40~~]~~).
- d) Loss of Exemption. Any grain-handling operation or grain-drying operation for which construction or modification commenced ~~before prior to~~ June 30, 1975, that has received an operating permit ~~under pursuant to the provisions of~~ subsection (c) ~~must of this Section shall~~ apply for an operating permit, and/or construction permit, ~~or both under pursuant to~~ 35 Ill. Adm. Code 201 within ~~sixty (60)~~ days after ~~receiving receipt of~~ written notice from the Agency that a certified investigation is on file with the Agency indicating ~~that there is~~ an alleged violation against the operation. The construction permit application ~~must shall~~ include a compliance plan and project completion schedule showing the grain-handling operation's program or grain-drying operation's program for complying with the standards and limitations of Section 212.462 or 212.463 ~~of this Subpart as the case may be,~~ within a reasonable time after the date on which ~~the operation received~~ notice of a certified investigation indicating alleged pollution. ~~However, the was received by said operation; provided, however, any such~~ operation will shall not be required to reduce emissions from ~~the those~~ parts of the operation that the applicant can prove

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to the Agency are not the probable cause of the pollution alleged in the certified investigation.

- 1) The written notice of loss of exemption is not a final action of the Agency appealable to the Board.
 - 2) Denial of a permit requested ~~underpursuant to~~ this subsection is a final action appealable to the Board under Section 40 of the Act (~~{~~415 ILCS 5/40~~}~~).
- e) Circumvention. It ~~is~~shall be a violation of this regulation for any person ~~or persons~~ to attempt to circumvent the requirements of this regulation by establishing a pattern of ownership or source development which, except for ~~thatsuch~~ pattern ~~of ownership or source development~~, would otherwise require application of Section 212.462 or 212.463 ~~of this Subpart~~.
- f) Standard on Appeal to Board. In ruling on any appeal of a permit denial under subsection (c) or (d) ~~of this Section~~, the Board ~~must~~shall not order the permit to be issued by the Agency unless the applicant who has appealed the permit denial has proved to the Board that the grain-handling operation or grain-drying operation which is the subject of the denied application is not injurious to human, plant, or animal life; ~~is~~ to health; ~~is~~ or to property, and does not unreasonably interfere with the enjoyment of life or property.
- g) Alternate Control of Particulate Emissions.
- 1) Grain-handling or grain-drying operations, which were in numerical compliance with Section 212.322 ~~of this Part~~, as of April 14, 1972, and continue to ~~comply~~be in compliance with Section 212.322 ~~of this Part~~ need not comply with the provisions under this Subpart, except the housekeeping practices in this subsection and subsection (b) ~~of this Section~~.
 - 2) Grain-handling or grain-drying operations, which were not in numerical compliance with Section 212.322 ~~of this Part~~, as of April 14, 1972, but which came into compliance with Section 212.321 ~~before~~of this Part prior ~~to~~ April 14, 1972, and continue to ~~comply~~be in compliance with Section 212.321 ~~of this Part~~ need not comply with ~~the provisions under~~ this Subpart, except the housekeeping practices in this subsection and in subsection (b) ~~of this Section~~.

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- 3) Proof of compliance with ~~this said~~ rule ~~must shall~~ be made by ~~results from~~ stack sampling, ~~and/or~~ material balance, ~~or both results~~ obtained from actual testing of the subject emission unit or process and be submitted at the time of an application for, or renewal of, an operating permit.
- h) Severability. If any provision of these rules and regulations is adjudged invalid, ~~that such~~ invalidity ~~doesshall~~ not affect the validity of ~~this~~ 35 Ill. Adm. Code, Subtitle B, Chapter I as a whole or of any Part, Subpart, sentence, or clause ~~of it thereof~~ not adjudged invalid.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.462 Grain-Handling Operations

Unless otherwise exempted ~~under pursuant to~~ Section 212.461(c) or (d) ~~of this Subpart~~, or allowed to use alternate control ~~under according to~~ Section 212.461(g) ~~of this Subpart~~, existing grain-handling operations with a total annual grain through-put of 300,000 bushels or more ~~must shall~~ apply for an operating permit ~~under pursuant to~~ 35 Ill. Adm. Code 201, and ~~must shall~~ demonstrate compliance with the following:

- a) Cleaning and Separating Operations.
 - 1) Particulate matter generated during cleaning and separating operations ~~must shall~~ be captured to the extent necessary to prevent visible particulate matter emissions directly into the atmosphere.
 - 2) For grain-handling sources ~~with having~~ a grain through-put of ~~two not more than 2~~ million bushels ~~or less~~ per year or located outside a major population area, air contaminants collected from cleaning and separating operations ~~must shall~~ be conveyed through air pollution control equipment which has a rated and actual particulate removal efficiency of ~~at least 90% not less than 90 percent~~ by weight ~~before prior to~~ release into the atmosphere.
 - 3) For grain-handling sources ~~with having~~ a grain through-put exceeding ~~two 2~~ million bushels per year and located within a major population area, air contaminants collected from cleaning and separating operations ~~must shall~~ be conveyed through air pollution control equipment which has a rated and actual particulate removal efficiency of ~~at least 98% not less~~

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~~than 98 percent~~ by weight ~~before~~~~prior to~~ release into the atmosphere.

b) Major Dump-Pit Area. The major dump pit area must comply with either the induced draft requirements in subsection (b)(1) or the requirements in (b)(2).

1) Induced Draft:

A) Induced draft ~~must~~~~shall~~ be applied to major dump pits and their associated equipment, ~~(including, but not limited to,~~ boots, hoppers, and legs,~~)~~ to such an extent that a minimum face velocity is maintained, at the effective grate surface, sufficient to contain particulate emissions generated in unloading operations. The minimum face velocity at the effective grate surface ~~must~~~~shall~~ be at least 200 fpm, which ~~must~~~~shall~~ be determined by ~~using~~ the equation:

$$V = Q/A$$

where:

V = face velocity;~~and~~
Q = induced draft volume in scfm;~~and~~
A = effective grate area in ft²;~~and~~

B) The induced draft air stream for grain-handling sources ~~with~~~~having~~ a grain through-put of ~~two~~~~not more than 2~~ million bushels ~~or less~~ per year or located outside a major population area ~~must~~~~shall~~ be confined and conveyed through air pollution control equipment which has an overall rated and actual particulate collection efficiency of ~~at least 90%~~~~not less than 90 percent~~ by weight; ~~and~~

C) The induced draft air stream for grain-handling sources ~~with~~~~having~~ a grain through-put exceeding ~~two~~~~2~~ million bushels per year and located in a major population area ~~must~~~~shall~~ be confined and conveyed through air pollution control equipment which has an overall rated and actual particulate collection efficiency of ~~at least 98%~~~~not less than 98 percent~~ by weight; ~~and~~

D) Means or devices, ~~(including, but not limited to,~~ quick-closing doors, air curtains, or wind deflectors, ~~must~~~~shall~~) be employed to

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prevent a wind velocity ~~exceeding 50% in excess of 50 percent~~ of the induced draft face velocity at the pit. ~~However, provided,~~ ~~however,~~ ~~that such~~ means or devices do not have to achieve the same degree of prevention when the ambient air wind exceeds 25 mph. The wind velocity ~~must shall~~ be measured, with the induced draft system not operating, at a point midway between the dump-pit area walls at the point where the wind exits the dump-pit area, and at a height above the dump-pit area floor of approximately ~~two feet~~ ~~2 ft~~; or

- 2) Any equivalent method, technique, system, or combination ~~of them thereof~~ adequate to achieve, at a minimum, a particulate matter emission reduction equal to the reduction which could be achieved by compliance with subsection (b)(1) ~~of this Section~~.

(~~BOARD NOTE~~ ~~Board Note:~~ ~~Under Pursuant to~~ Section 9 of the Act, ~~certain~~ ~~country~~ grain elevators ~~meeting specified conditions and "located outside of a major population area, as defined in Section 211.3610 of Title 35 of the Illinois Administrative Code, shall be exempt from the requirements of Section 212.462 of Title 35 of the Illinois Administrative Code."~~ ~~are exempt from subsection (b) of this Section~~.)

c) Internal Transferring Area:

- 1) ~~The internal~~ ~~Internal~~ transferring area ~~must shall~~ be enclosed to the extent necessary to prohibit visible particulate matter emissions directly into the atmosphere.
- 2) Air contaminants collected from internal transfer operations for grain-handling sources ~~with having~~ a grain through-put of ~~up to two~~ ~~not more than 2~~ million bushels per year or located outside a major population area ~~must shall~~ be conveyed through air pollution control equipment which has a rated and actual particulate removal efficiency of ~~at least 90%~~ ~~not less than 90 percent~~ by weight ~~before prior to~~ release into the atmosphere.
- 3) Air contaminants collected from internal transfer operations for grain-handling sources ~~with having~~ a grain through-put exceeding ~~two~~ ~~2~~ million bushels per year and located in a major population area ~~must shall~~ be conveyed through air pollution control equipment which has a rated and actual particulate removal efficiency of ~~at least 98%~~ ~~not less than 98~~

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~~percent~~ by weight ~~before~~~~prior to~~ release into the atmosphere.

- d) Load-Out Area-
- 1) Truck and hopper car loading ~~must~~~~shall~~ employ socks, sleeves, or equivalent devices which extend ~~six~~~~6~~ inches below the sides of the receiving vehicle, except for topping off. Choke loading ~~must~~~~shall~~ be considered an equivalent method as long as the discharge is no more than 12 inches above the sides of the receiving vehicle.
 - 2) Box car loading ~~must~~~~shall~~ employ means or devices to prevent ~~the~~ emission of particulate matter into the atmosphere to the fullest extent ~~which is~~ technologically and economically feasible.
 - 3) Watercraft Loading-
 - A) Particulate matter emissions generated during loading for grain-handling sources ~~with~~~~having~~ a grain through-put of ~~up to two~~~~not more than 2~~ million bushels per year or located outside a major population area ~~must~~~~shall~~ be captured in an induced draft air stream, which ~~must~~~~shall~~ be ducted through air pollution control equipment that has a rated and actual particulate matter removal efficiency of ~~at least 90%~~~~not less than 90 percent~~ by weight ~~before~~~~prior to~~ release into the atmosphere.
 - B) Particulate matter emissions generated during loading for grain-handling sources ~~with~~~~having~~ a grain through-put exceeding ~~two~~~~2~~ million bushels per year and located in a major population area ~~must~~~~shall~~ be captured in an induced draft air stream, which ~~must~~~~shall~~ be ducted through air pollution control equipment that has a rated and actual particulate removal efficiency of ~~at least 98%~~~~not less than 98 percent~~ by weight ~~before~~~~prior to~~ release into the atmosphere. ~~However, except~~ for the portion of grain loaded by trimming machines, ~~for which~~ particulate matter emission reductions ~~must~~, at a minimum, ~~shall~~ equal the reduction achieved by compliance with subsection (d)(3)(A) ~~of this Section~~.
- e) New and Modified Grain-Handling Operations. Grain-handling operations for which construction or modification commenced on or after June 30, 1975, ~~must~~~~shall~~ file applications for construction and operating permits ~~under~~~~pursuant~~

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~~to~~ 35 Ill. Adm. Code 201, and ~~must~~ shall comply with the control equipment requirements of this Section, except for grain-handling operations for which construction or modification commenced on or after June 30, 1975, ~~and~~ which will handle an annual grain through-put of less than 300,000 bushels. ~~However,; provided, however, that~~ for ~~the purpose of~~ this Subpart, an increase in the annual grain through-put; without physical alterations or additions to the grain-handling operation ~~is, shall~~ not ~~be~~ considered a modification unless ~~the such~~ increase exceeds ~~30%30 percent~~ of the annual grain through-put on which the operation's original construction ~~or and/or~~ operating permit was granted. If the grain-handling operation has been operating lawfully without a permit, its annual grain through-put ~~must~~ shall be determined ~~under as set forth in~~ the definition of the term "annual grain through-put" ~~at 35 Ill. Adm. Code 211.490."~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.463 Grain Drying Operations

Unless otherwise exempted ~~under pursuant to~~ Section 212.461(c) or (d) ~~of this Subpart~~ or allowed to use alternate control ~~under according to~~ Section 212.461(g) ~~of this Subpart~~, grain-drying operations for which construction or modification commenced ~~before prior to~~ June 30, 1975, with a total grain-drying capacity ~~exceeding in excess of~~ 750 bushels per hour for ~~5%5 percent~~ moisture extraction at manufacturer's rated capacity, ~~(using the American Society of Agricultural Engineers Standard S248.3-MAR1976 (R2020) Construction and Rating of Equipment for Drying Farm Crops 248.2, Section 9, Basis for Stating Drying Capacity of Batch and Continuous-Flow Grain Dryers, incorporated by reference in Section 212.113, must of this Part)~~ shall be operated in ~~a manner precluding such a fashion as to preclude the~~ emission of particulate matter larger than 300 microns mean particle diameter; ~~must, shall~~ apply for an operating permit ~~under pursuant to~~ 35 Ill. Adm. Code 201; and ~~must~~ shall comply with the following:

- a) Column Dryers. The largest effective circular diameter of transverse perforations in the external sheeting of a column dryer ~~must~~ shall not exceed 0.094 inch, and the grain inlet and outlet ~~must~~ shall be enclosed.
- b) Rack Dryers. No portion of the exhaust air of rack dryers ~~may~~ shall be emitted to the ambient atmosphere without having passed through a particulate collection screen having a maximum opening of 50 mesh, U.S. Sieve Series. ~~All screens must have adequate self-cleaning mechanisms.~~
 - 1) ~~For All such screens will have adequate self-cleaning mechanisms, the exhaust gas of which for~~ grain-handling facilities ~~with having~~ a grain

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through-put of ~~up to two~~~~not more than 2~~ million bushels per year or located outside a major population area, ~~the exhaust gas from these mechanisms must shall~~ be ducted through air pollution control equipment which has a rated and actual particulate removal efficiency of ~~90%~~~~90 percent~~ by weight ~~before prior to~~ release into the atmosphere.

2) ~~For All such screens will have adequate self cleaning mechanisms, the exhaust gas of which for~~ grain-handling sources ~~with having~~ a grain through-put exceeding ~~two~~~~2~~ million bushels per year and located in a major population area, ~~the exhaust gas from these mechanisms must shall~~ be ducted through air pollution control equipment which has a rated and actual particulate removal efficiency of ~~98%~~~~98 percent~~ by weight ~~before prior to~~ release into the atmosphere.

c) Other Types of Dryers. All other types of dryers ~~must shall~~ be controlled in a manner ~~achieving which shall result in~~ the same degree of control required for rack dryers ~~under pursuant to~~ subsection (b) ~~of this Section~~.

d) New and Modified Grain-Drying Operations. Grain-drying operations constructed or modified on or after June 30, 1975, ~~must shall~~ file applications for construction and operating permits ~~under pursuant to~~ 35 Ill. Adm. Code 201, and ~~must shall~~ comply with the control equipment requirements of this Section, except for new and modified grain-drying operations which do not result in a total grain-drying capacity ~~exceeding in excess of~~ 750 bushels per hour for ~~5%~~~~5 percent~~ moisture extraction at manufacturer's rated capacity, using the American Society of Agricultural Engineer Standard ~~S248.3-MAR1976 (R2020) Construction and Rating of Equipment for Drying Farm Crops, incorporated by reference at Section 212.113248.2, Section 9, Basis for Stating Drying Capacity of Batch and Continuous Flow Grain Dryers.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.464 Sources in Certain Areas

a) Applicability. ~~Despite Notwithstanding~~ Section 212.461 ~~of this Subpart~~, this Section ~~applies shall apply to those~~ sources located in the Lake Calumet area as defined in Section 212.324(a)(1)(B) ~~of this Part~~.

b) Emission Limitations

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- 1) ~~A~~~~N~~o person ~~must not~~~~shall~~ cause or allow the emission of ~~PM₁₀~~~~PM-10~~, other than ~~that of~~ fugitive particulate matter, into the atmosphere to exceed 22.9 mg/scm (0.01 gr/scf) during any ~~one-hour~~~~one hour~~ period from any process emission unit engaged in the drying, storing, mixing, or treating of grain except for column grain dryers. ~~In; in~~ addition, ~~a~~~~n~~o person ~~must not~~~~shall~~ cause or allow visible emissions of ~~PM₁₀~~~~PM-10~~ other than fugitive particulate matter from grain conveying, transferring, loading, or unloading operations, including garners, scales, and cleaners.
- 2) ~~A~~~~N~~o person ~~must not~~~~shall~~ cause or allow the emission of fugitive particulate matter into the atmosphere from barges and other watercraft ~~or;~~ truck or rail loading or unloading systems to exceed the limits ~~specified in~~ Section 212.123 ~~of this Part~~.
- 3) Column grain dryers ~~are~~~~shall~~ not be eligible for the exemptions ~~under~~~~as~~ ~~provided in~~ Section 212.461(g) ~~of this Part~~.
- c) Exceptions. The mass emission limits ~~contained in~~ subsection (b) ~~of this Section~~ ~~shall not~~ apply to ~~those~~ sources with no visible emissions other than fugitive particulate matter. ~~However; however~~, if a stack test is performed, this subsection is not a defense to a finding of a violation of the mass emission limits ~~contained in~~ subsection (b) ~~of this Section~~.
- d) Maintenance, Repair, and Recordkeeping. ~~The requirements of~~ Section 212.324(f) and (g) ~~of this Part shall also~~ apply to this Section.
- e) Compliance Date. Emission units ~~must~~~~shall~~ comply with the emission limitations and recordkeeping and reporting requirements of this Section ~~by~~ May 11, 1993, or upon initial start-up, whichever occurs later.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART T: CONSTRUCTION AND WOOD PRODUCTS

Section 212.681 Grinding, Woodworking, Sandblasting, and Shotblasting

Sections 212.321 and 212.322 ~~do of this Part shall~~ not apply to the following industries, which ~~are~~~~shall be~~ subject to Subpart K ~~of this Part~~:

- a) Grinding;

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- b) Woodworking; and
- c) Sandblasting or shotblasting.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART U: ADDITIONAL CONTROL MEASURES

Section 212.700 Applicability

- a) This Subpart ~~applies~~ shall apply to ~~those~~ sources in the areas designated in and subject to ~~Section~~ Sections 212.324(a)(1) ~~or 212.423(a)~~ and that have actual annual source-wide emissions of ~~PM₁₀~~ PM-10 of at least ~~fifteen (15)~~ tons per year.
- b) A source's actual annual source-wide emissions of ~~PM₁₀ is~~ PM-10 shall be the total of its fugitive emissions and its stack emissions from process emission units and fuel combustion emission units, ~~as provided and as set forth~~ in the source's Annual Emissions Report submitted ~~underpursuant to~~ 35 Ill. Adm. Code 254, or, for a newly-constructed source or emission unit, the estimated emissions included in the permit application.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.701 Contingency Measure Plans, Submittal, and Compliance Date

- a) ~~Sources~~ ~~Those sources~~ subject to this Subpart ~~must~~ shall prepare contingency measure plans reflecting the ~~PM₁₀~~ PM-10 emission reductions ~~set forth~~ in Section 212.703 ~~of this Subpart~~. These plans ~~must~~ shall become federally enforceable permit conditions. ~~These~~ Such plans ~~must~~ shall be submitted to the Agency by November 15, 1994. ~~Despite these requirements~~ ~~Notwithstanding the foregoing~~, sources that become subject to ~~the provisions of~~ this Subpart after July 1, 1994, ~~must~~ shall submit a contingency measure plan to the Agency for review and approval within ~~ninety (90)~~ days after the date ~~on which the~~ such source or sources became subject to ~~the provisions of~~ this Subpart or by November 15, 1994, whichever is later. The Agency ~~must~~ shall notify ~~those~~ sources requiring contingency measure plans, based on the Agency's current information. ~~However; however~~, the Agency's failure to notify any source of its requirement to submit contingency measure plans ~~is~~ shall not be a defense to a violation of this Subpart and ~~does~~ shall not relieve the source of its obligation to timely submit a

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contingency measure plan.

- b) If the Agency disapproves the initial submittal of a contingency measure plan or a source fails to revise a plan so that it is approvable, the Agency ~~must~~ shall so notify the source in writing, and the source may treat ~~that~~ such notice as a permit denial.
- c) ~~A source with~~ Sources having operational changes subject to Sections 212.304, 212.305, 212.306, 212.308, 212.316(a) through (e), 212.424, or 212.464 which require either a new permit or a revision to an existing permit ~~must~~ shall, within 30 days after ~~those~~ such changes, submit a request to modify its permit ~~in order~~ to include a new, appropriate contingency measure plan. ~~The~~ Such new plan ~~must~~ shall be subject to the requirements of this Subpart.
- d) A source may, ~~consistent with the requirements of this Subpart and any applicable permitting requirements,~~ propose revisions consistent with the requirements of this Subpart and any applicable permitting requirements to its contingency measure plan.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.702 Determination of Contributing Sources

- a) If the review of monitoring data reveals an ~~exceedance~~ exceedence of the 24-hour ambient air quality standard for ~~PM₁₀~~ PM-10 found at 35 Ill. Adm. Code 243.120, the Agency ~~must~~ shall attempt to determine the source or sources causing or contributing to the ~~exceedance~~ exceedence.
- b) In determining whether a source has caused or contributed to an ~~exceedance~~ exceedence of the 24-hour ambient air quality standard for ~~PM₁₀~~ PM-10, the Agency may take whatever steps are necessary to determine which source or sources are culpable for the ~~exceedance~~ exceedence, including, ~~but not limited to~~:
 - 1) Evaluating whether the ~~exceedance~~ exceedence can be classified as an "exceptional event" ~~under~~ pursuant to the "Guideline on the Identification and Use of Air Quality Data Affected by Exceptional Events," incorporated by reference in Section 212.113 ~~of this Part~~;
 - 2) Reviewing operating records of ~~each~~ the source ~~or sources~~ identified

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~~underpursuant to~~ subsections (b)(3) and (b)(4) ~~below~~ to determine whether ~~each identifiedany~~ source ~~or sources so identified~~ experienced a malfunction or breakdown or violated any term or condition of its operating permit which contributed to the ~~exceedanceexceedence~~;

3) Evaluating the monitoring equipment filter evidencing the ~~exceedanceexceedence~~ to determine the types of sources that contributed to the ~~exceedanceexceedence~~; and

4) Evaluating meteorological data and conducting dispersion analyses ~~underpursuant to~~ the "Guideline on Air Quality Models (Revised)," incorporated by reference in Section 212.113 ~~of this Part~~, to determine which ~~source or~~ sources caused or contributed to the ~~exceedanceexceedence~~.

c) If the Agency determines that the ~~exceedanceexceedence~~ can be classified as an exceptional event, the Agency ~~mustshall~~ make a written request to USEPA to void the ~~exceedanceexceedence~~. If the ~~exceedanceexceedence~~ has been caused by an "exceptional event," the Agency ~~mustshall~~ make no requests upon any source for Level I or Level II controls ~~underpursuant to~~ Section 212.704(a) or (b) ~~of this Subpart~~ until ~~such time as~~ USEPA has denied the Agency's request to void the ~~exceedance,exceedence~~ or until an additional ~~exceedanceexceedence~~ of the 24-hour ambient air quality standard which is not due to an exceptional event, as determined by the Agency, has been monitored for the same area.

d) If the Agency determines that the ~~exceedanceexceedence~~ was due to a malfunction or breakdown or violation of any term or condition of a source's operating permit, the Agency ~~mustshall~~ contact ~~thesuch~~ source and may pursue appropriate action under 35 Ill. Adm. Code 103.

e) The Agency's determination of culpability of a source is appealable to the Board ~~underpursuant to the procedures set forth at~~ 35 Ill. Adm. Code 106.5 Subpart J.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.703 Contingency Measure Plan Elements

a) All sources subject to this Subpart ~~mustshall~~ submit a contingency measure plan. The contingency measure plan ~~mustshall~~ contain two levels of control measures:

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- 1) Level I measures ~~are measures that will~~ reduce total actual annual source-wide fugitive emissions of ~~PM₁₀PM-10~~ subject to control under Sections 212.304, 212.305, 212.306, 212.308, 212.316(a) through (e), 212.424, or 212.464 by at least 15%.
 - 2) Level II measures ~~are measures that will~~ reduce total actual annual source-wide fugitive emissions of ~~PM₁₀PM-10~~ subject to control under Sections 212.304, 212.305, 212.306, 212.308, 212.316(a) through (e), 212.424, or 212.464 by at least 25%.
- b) A source may comply with this Subpart through an alternative compliance plan that provides for reductions in emissions equal to the level of reduction of fugitive emissions as required at subsection (a) ~~above~~ and which has been approved by the Agency and USEPA as federally enforceable permit conditions. If a source elects to include controls on process emission units, fuel combustion emission units, or other fugitive emissions of ~~PM₁₀PM-10~~ not subject to Sections 212.304, 212.305, 212.306, 212.308, 212.316(a) through (e), 212.424, or 212.464 at the source in its alternative control plan, the plan must include a reasonable schedule to implement the for implementation of such controls, not to exceed two ~~(2)~~ years. This implementation schedule is subject to Agency review and approval.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.704 Implementation

- a) Following any ~~exceedanceexceedence~~ of the 24-hour ambient air quality standard for ~~PM₁₀PM-10~~, the Agency ~~mustshall~~ notify ~~eachthe~~ source ~~or sources~~ the Agency has identified as likely to be causing or contributing to an ~~exceedanceexceedence~~ detected by monitoring. Within ~~ninety (90)~~ days after ~~receiving thisreceipt of such~~ notification, each source ~~so notified~~ may implement Level I or Level II measures, as determined ~~underpursuant to~~ subsection (d) ~~below~~.
- b) If there is a violation of the ambient air quality standard for ~~PM₁₀PM-10~~ as determined in ~~complianceaccordance~~ with 40 CFR ~~Part 50.5~~, Appendix K, incorporated by reference in Section 212.113 ~~of this Part~~, the Agency ~~mustshall~~ notify ~~eachthe~~ source ~~or sources~~ the Agency has identified as likely to be causing or contributing to one or more of the ~~exceedanceexceedences~~ leading to ~~thesuch~~ violation, and ~~eachsuch~~ source ~~mustor sources shall~~ implement Level I or Level II measures, as determined ~~underpursuant to~~ subsection (e) ~~below~~. ~~Each notifiedThe~~

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source ~~mustor sources so identified shall~~ implement ~~thesuch~~ measures corresponding to fugitive emissions within ~~ninety (90)~~ days after ~~receiving receipt of such~~ notification and ~~mustshall~~ implement ~~such~~ measures corresponding to any nonfugitive emissions according to the approved schedule ~~set forth in thesuch~~ source's alternative control plan. Any source identified as causing or contributing to a violation of the ambient air quality standard for ~~PM₁₀PM-10~~ may appeal any finding of culpability by the Agency to the Board ~~underpursuant to~~ 35 Ill. Adm. Code 106, Subpart J.

- c) ~~AfterUpon~~ the finding of a failure to attain by the ~~USEPA~~ Administrator ~~of USEPA~~, the Agency ~~mustshall~~ notify all sources in the applicable area required to submit contingency measure plans ~~underpursuant to~~ Section 212.700 ~~of this Subpart~~ of ~~the Administrator'ssuch~~ finding. ~~However by the Administrator;~~ ~~however~~, the Agency's failure to notify a source of its requirement to implement its contingency measure plan because of the Administrator's finding ~~is of a failure to attain shall~~ not ~~be~~ a defense to a violation of this Subpart and ~~doesshall~~ not relieve the source of its obligation to timely comply with this Section. All ~~such~~ sources subject to this Subpart ~~mustshall~~, within ~~sixty (60)~~ days after ~~receiving receipt of such~~ notification, implement any Level II measures corresponding to fugitive emissions subject to control under Sections 212.304, 212.305, 212.306, 212.308, 212.316(a) through (e), 212.424, or 212.464 and ~~mustshall~~ implement any Level II measures corresponding to any nonfugitive emissions of ~~PM₁₀PM-10~~ according to the approved schedule ~~set forth in thesuch~~ source's alternative control plan, unless ~~thesuch~~ corresponding Level II controls have been previously implemented by ~~thesuch source or~~ sources ~~underpursuant to~~ subsection (a) or (b) ~~above~~.
- d) The Agency ~~mustshall~~ request that sources comply with the Level I or Level II measures of their contingency measure plans ~~under, pursuant to~~ subsection (a) ~~above~~, as follows:
- 1) Level I measures ~~mustshall~~ be requested when the magnitude of the monitored ~~exceedanceexceedence~~ at a given air quality monitor is less than or equal to 170 $\mu\text{g}/\text{m}^3$.
 - 2) Level II measures ~~mustshall~~ be requested when the magnitude of the monitored ~~exceedanceexceedence~~ at a given air quality monitor exceeds 170 $\mu\text{g}/\text{m}^3$.
- e) The Agency ~~mustshall~~ require that sources comply with the Level I or Level II

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measures of their contingency measure plans ~~under, pursuant to~~ subsection (b) ~~above,~~ as follows:

- 1) Level I measures ~~must~~shall be required when the design value of a violation of the 24-hour ambient air quality standard, as computed ~~under pursuant to~~ 40 CFR 50.5-Appendix K, incorporated by reference in Section 212.113 ~~of this Part,~~ is less than or equal to $170 \mu\text{g}/\text{m}^3$.
- 2) Level II measures ~~must~~shall be required when the design value of a violation of the 24-hour ambient air quality standard, as computed ~~under pursuant to~~ 40 CFR 50.5-Appendix K, incorporated by reference in Section 212.113 ~~of this Part,~~ exceeds $170 \mu\text{g}/\text{m}^3$.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.705 Alternative Implementation

~~If~~Should the Agency ~~determines~~determine that more than one source is a contributing source ~~under pursuant to~~ Section 212.702 ~~of this Subpart,~~ the Agency may accept controls from fewer than all of the sources identified as culpable, where ~~some of the culpable sources achieve levels of control greater than required for all culpable sources greater than the required levels of control for all culpable sources are achieved at some of the culpable sources.~~

- a) For ~~the purposes of~~ this Section, an "identified source" is a source determined to be culpable for an ~~exceedance~~exceedence of the 24-hour ambient air quality standard.
- b) For ~~the purposes of~~ this Section, a "participating source" is another source that is also identified as culpable by the Agency for the monitored ~~exceedance~~exceedence.
- c) For ~~the purposes of~~ this Section, "equivalent air quality benefits" ~~must~~shall be determined by conducting one or more dispersion analyses in ~~compliance~~accordance with the "Guideline on Air Quality Models (revised)," incorporated by reference in Section 212.113 ~~of this Part.~~
- d) An identified source may elect to achieve compliance with ~~the provisions of~~ this Subpart by obtaining equivalent air quality benefits from ~~PM₁₀~~PM-10 emissions reductions ~~at~~by a participating source as ~~the identified source would achieve, if~~be achieved at the identified source, provided, however, that the ~~PM₁₀~~PM-10

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emissions reductions to be achieved by the participating source under this Section are in addition to any other obligation it may have under this Subpart to reduce ~~PM₁₀~~ emissions.

- e) If an identified source elects to rely on this Section to demonstrate compliance with this Subpart, ~~the identified source must:~~
 - 1) ~~The identified source must demonstrate~~ Demonstrate to the Agency that it will achieve equivalent air quality benefits from ~~PM₁₀~~ emission reductions at the participating source as ~~would be achieved from~~ the identified source subject to this Subpart ~~would achieve~~;
 - 2) The ~~PM₁₀~~ emissions reductions from the participating source that the identified source is relying upon to demonstrate compliance with this Subpart must be reflected as federally enforceable permit conditions of the participating source's permit;
 - 3) The participating source ~~must implement~~ implements any emissions reductions for fugitive emissions of ~~PM₁₀~~ within ~~ninety (90)~~ days after the identified source would have been required to implement Level I or Level II measures ~~under~~ pursuant to this Subpart; and
 - 4) The participating source ~~must submit~~ submits a reasonable schedule ~~to implement~~ for implementation of any ~~PM₁₀~~ emission reductions from controls on process emission units, fuel combustion emission units, or other fugitive emissions of ~~PM₁₀~~ at the participating source not subject to control under Sections 212.304, 212.305, 212.306, 212.308, 212.316(a) through (e), 212.424₂ or 212.464, not to exceed two ~~(2)~~ years from the date of notification to the identified source that Level I or Level II measures, as appropriate, are required.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.APPENDIX A Rule into Section Table (Repealed)

RULE	SECTION
202 Preamble	212.121
202(a)(1)	212.122
202(a)(2)	212.421
202(b)	212.123

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202(e)	212.124
202(d)	212.125
202(e)	Appendix C
203(a)	212.321, Illustration B
203(b)	212.322, Illustration C
203(e)	Appendix C
203(d)(1)	212.381
203(d)(2)	212.422
203(d)(3) Preamble	212.361
203(d)(3)(A)	Appendix C
203(e)(3)(B)	212.361, Appendix C
203(d)(4)	212.681
203(d)(5) Preamble	212.441
203(d)(5)(A)	212.442
203(d)(5)(B)	212.443
203(d)(5)(C)	212.444
203(d)(5)(D)	212.445
203(d)(5)(E)	212.446
203(d)(5)(F)	212.447
203(d)(5)(G)	212.448
203(d)(5)(H)	212.449
203(d)(5)(I)	212.450
203(d)(5)(J)	212.451
203(d)(5)(K)	212.452
203(d)(5)(L)	Appendix C
203(d)(5)(M)	Appendix C
203(d)(6)	212.456
203(d)(7)	212.323
203(d)(8) Preamble	212.461(a)
203(d)(8)(A)	212.461(b)
203(d)(8)(B)	212.462(a)-(d)
203(d)(8)(C)	212.463(a)-(e)
203(d)(8)(D)	212.461(e)
203(d)(8)(E)	212.461(d)
203(d)(8)(F)	212.462(e)
203(d)(8)(G)	212.463(d)
203(d)(8)(H)	212.461(e)
203(d)(8)(I)	212.461(f)
203(d)(8)(J)	Appendix C
203(d)(8)(K)	212.461(g)

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203(d)(8)(L)	212.461(h)
203(d)(9)	212.457
203(e)(1)	212.181
203(e)(2)	212.181
203(e)(3)	212.181
203(e)(4) Preamble	212.181
203(e)(4)(A)	212.182
203(e)(5)	212.183
203(e)(6)	212.184
203(f)(1)	212.301
203(f)(2)	212.302
203(f)(3) Preamble	Appendix C
203(f)(3)(A)	212.304
203(f)(3)(B)	212.305
203(f)(3)(C)	212.306
203(f)(3)(D)	212.307
203(f)(3)(E) First Paragraph	212.308
203(f)(3)(E) Exception	212.455
203(f)(3)(F) Preamble	212.309, Appendix C
203(f)(3)(F) Second Paragraph	212.310
203(f)(3)(F) Last Paragraph	212.312
203(f)(4)	212.313
203(f)(5)	212.314
203(f)(6)	212.315
203(g)(1)(A)	212.201
203(g)(1)(B)	212.202, Illustration A
203(g)(1)(C)	212.203
203(g)(1)(D)	212.204
203(g)(1)(E)	212.205
203(g)(2)	212.206
203(g)(3)	212.207
203(g)(4)	212.208
203(h)	212.110
203(i)	Appendix C

(Source: Repealed at 50 Ill. Reg. _____, effective _____)

Section 212.APPENDIX B Section into Rule Table (Repealed)

SECTION

RULE

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212.100	Added in Codification
212.110	203(h)
212.111	Added in Codification
212.112	Added in Codification
212.113	Added in Codification
212.121	202 Preamble
212.122	202(a)(1)
212.123	202(b)
212.124	202(e)
212.125	202(d)
212.181	203(e)(1)-(3), 203(e)(4) (Preamble)
212.182	203(e)(4)(A)
212.183	203(e)(5)
212.184	203(e)(6)
212.201	203(g)(1)(A)
212.202	203(g)(1)(B)
212.203	203(g)(1)(C)
212.204	203(g)(1)(D)
212.205	203(g)(1)(E)
212.206	203(g)(2)
212.207	203(g)(3)
212.208	203(g)(4)
212.301	203(f)(1)
212.302	203(f)(2)
212.304	203(f)(3)(A)
212.305	203(f)(3)(B)
212.306	203(f)(3)(C)
212.307	203(f)(3)(D)
212.308	203(f)(3)(E) First Paragraph
212.309	203(f)(3)(F) Preamble
212.310	203(f)(3)(F) Second Paragraph
212.312	203(f)(3)(F) Last Paragraph
212.313	203(f)(4)
212.314	203(f)(5)
212.315	203(f)(6)
212.321	203(a)
212.322	203(b)
212.323	203(d)(7)

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212.361	203(d)(3) Preamble, 203(D)(3)(B)
212.381	203(d)(1)
212.421	202(a)(2)
212.422	203(d)(2)
212.441	203(d)(5) Preamble
212.442	203(d)(5)(A)
212.443	203(d)(5)(B)
212.444	203(d)(5)(C)
212.445	203(d)(5)(D)
212.446	203(d)(5)(E)
212.447	203(d)(5)(F)
212.448	203(d)(5)(G)
212.449	203(d)(5)(H)
212.450	203(d)(5)(I)
212.451	203(d)(5)(J)
212.452	203(d)(5)(K)
212.455	203(f)(3)(E) Exception
212.456	203(d)(6)
212.457	203(d)(9)
212.461(a)	203(d)(8) Preamble
212.461(b)	203(d)(8)(A)
212.461(c)	203(d)(8)(D)
212.461(d)	203(d)(8)(E)
212.461(e)	203(d)(8)(H)
212.461(f)	203(d)(8)(I)
212.461(g)	203(d)(8)(K)
212.461(h)	203(d)(8)(L)
212.462(a)-(d)	203(d)(8)(B)
212.462(e)	203(d)(8)(F)
212.463(a)-(c)	203(d)(8)(C)
212.463(d)	203(d)(8)(G)
212.681	203(d)(4)
Appendix C	202(e) 203(e) 203(d)(3)(A)&(B) 203(d)(5)(L)&(M) 203(d)(8)(J) 203(f)(3) Preamble 203(f)(3)(F) Preamble

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Illustration A	203(i)
Illustration B	203(g)(1)(B)
Illustration C	203(a)
	203(b)

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 212.APPENDIX C Past Compliance Dates (Repealed)

Rule 202(e)

~~Owners or operators of new emission sources were required to comply with the emission standards and limitations of Rule 202 by April 14, 1972.~~

~~Owners or operators of existing emission sources were required to comply with the emission standards and limitations of Rule 202 by December 31, 1972; except that owners or operators of emission sources subject to Rule 203(g) were required to comply with the emission standards and limitations of Rule 203 by May 30, 1975.~~

Rule 203(c)

~~Except as otherwise provided in Rule 203, every existing process emission source which was not in compliance with Rule 203(b) as of April 14, 1972, was required to comply with Rule 203(a), unless both of the following conditions were met:~~

- ~~a) The source was in compliance, as of April 14, 1972, with the terms and conditions of a variance granted by the Board, or, by June 13, 1972, the source was the subject of a variance petition filed with the Board, which variance was subsequently granted; and,~~
- ~~b) As of April 14, 1972, construction was commenced on equipment or modifications sufficient to achieve compliance with Rule 203(b).~~

Rule 203(d)(3)(A) and (B)

~~Corn wet milling processes subject to Rule 203(d)(3) were subject to a standard of 0.3 gr/scf of effluent gas from April 14, 1972 to May 30, 1975.~~

Rule 203(d)(5)(L) and (M)

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~~Every owner or operator of an emission source the construction or modification of which was commenced after September 6, 1979 was required to comply with the emission standards and limitations of Rule 203(d)(5) upon commencement of operation.~~

~~Every owner or operator of an emission source the construction or operation of which was commenced prior to September 6, 1979 was required to comply with the emission standards and limitations of Rule 203(d)(5) no later than December 31, 1982.~~

~~From the effective date of this Rule 203(d)(5) through December 31, 1982, full compliance program and project completion schedule pursuant to Rule 104 for all sources of particulate emissions subject to Rule 203(d)(5) and 203(f) as amended under common ownership or control in the same air quality control region constituted compliance with the emission standards and limitations contained in Part II if such Compliance Program and Project Completion Schedule:~~

- ~~a) provided for compliance by all sources of particulate matter subject to Rules 203(d)(5) and 203(f), as amended, under common ownership or control in the same air quality region, as expeditiously as practicable considering what was economically reasonable and technically feasible, and~~
- ~~b) provided for reasonable further progress in achieving the reductions in particulate emissions required by Rule 203(d)(5) and 203(f), as amended, including annual increments of reductions such that at least one third of the total reductions were achieved by December 31, 1980 and at least two thirds of the total reduction were achieved by December 31, 1981, unless the owner or operator demonstrated in a hearing before the Board that such increments were technically infeasible or economically unreasonable or unless the owner or operator demonstrated in a hearing before the Board that some alternate schedule represents reasonable further progress within the meaning of Section 172(b) of the Clean Air Act, 42 U.S.C. Section 7502(b).~~

~~The provisions of Rule 203(d)(5)(L)(iii) did not apply to any facility subject to a rule which was not in full force and effect as a matter of state law because of judicial action, and in such event the facility shall remain subject to the regulations in effect at the time these amendments were adopted.~~

~~The provisions of Rule 203(d)(5)(L) were not severable. Should any portion thereof have been found invalid or been disapproved by USEPA as a revision of the state implementation plan pursuant to the Clean Air Act, then the entire Rule 203(d)(5)(L) would have been null and void, the provisions of Rule 203(d)(5)(A) and (B) were to have become immediately effective, and the~~

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~~provisions of existing Rules 203(a), (b), and (c) and prior Rules 203(d)(2) (in effect from April 14, 1972 to the effective date of this Rule) were to have been reinstated.~~

Rule 203(d)(8)(J)

~~Existing grain handling and grain drying operations subject to Rule 203(d)(8)(B), (C) and (D) were required to achieve compliance on or before April 30, 1977, except that all such operations were required to achieve compliance with Rule 203(d)(8)(A) by June 30, 1975.~~

~~New grain handling and grain drying operations were required to comply with Rule 203(d)(8) by June 30, 1975.~~

Rule 203(f)(3) (Preamble)

~~Potential sources of fugitive particulate matter were required to be maintained and operated in accordance with Rule 203(f)(3) on or after December 31, 1982.~~

Rule 203(f)(3)(F) (Preamble)

~~Sources of fugitive particulate matter described in Rule 203(f)(3)(A) (E) were required to submit an operating program to the Agency for review by December 31, 1982.~~

Rule 203(i)

~~Every owner or operator of a new emission source was required to comply with the standards and limitations of Rule 203 by April 14, 1972.~~

~~Except as otherwise provided in Rule 203(d)(4), (d)(6), (i)(3), (i)(4), and (i)(5), every owner or operator of an existing emission source was required to comply with the standards and limitations of Rule 203 by December 31, 1973.~~

~~Every owner or operator of an existing emission source subject to Rule 203(f) was required to comply with the standards and limitations of Rule 203:~~

- ~~a) by October 14, 1972 when the emissions from such source were caused by the stockpiling of materials;~~
- ~~b) by October 14, 1972 for emission sources subject to Rule 203(f)(4); and~~
- ~~c) by April 14, 1973 for all other emission sources subject to Rule 203(f).~~

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~~Every owner or operator of an existing emission source subject to Rule 203(g) was required to comply with the standards and limitations of Rule 203 by May 30, 1975.~~

~~Notwithstanding any other provisions of Rule 203, every owner or operator of an existing emission source which:~~

- ~~a) as required to comply with Rules 2-2.51, 2-2.52, 2-2.54, 3-3.111, 3-3.2110, 3-3.2130 and 3-3.220 of Rules and Regulations Governing the Control of Air Pollution as amended August 19, 1969; and~~
- ~~b) which was in compliance with such rules, as of April 14, 1972, or is in compliance with Rules 203(c)(1) and (2);~~

~~was required to comply with the applicable emission standards and limitations of Rules 203 by May 30, 1975.~~

~~Notwithstanding the other dates specified in this Rule, grain handling and conditioning operations were required to comply with the requirements of Rule 203 by May 30, 1975.~~

(Source: Repealed at 50 Ill. Reg. _____, effective _____)

1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER c: EMISSION STANDARDS AND LIMITATIONS
5 FOR STATIONARY SOURCES
6

7 PART 214
8 SULFUR LIMITATIONS
9

10 SUBPART A: GENERAL PROVISIONS
11

12	Section	
13	214.100	Scope and Organization
14	214.101	Measurement Methods
15	214.102	Abbreviations and Units
16	214.103	Definitions
17	214.104	Incorporations by Reference

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19 SUBPART B: NEW FUEL COMBUSTION EMISSION SOURCES
20

21	Section	
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23	214.121	Large Sources
24	214.122	Small Sources

25
26 SUBPART C: EXISTING SOLID FUEL COMBUSTION EMISSION SOURCES
27

28	Section	
29	214.140	Scope
30	214.141	Sources Located in Metropolitan Areas
31	214.142	Small Sources Located Outside Metropolitan Areas
32	214.143	Large Sources Located Outside Metropolitan Areas

33
34 SUBPART D: EXISTING LIQUID OR MIXED FUEL
35 COMBUSTION EMISSION SOURCES
36

37	Section	
38	214.161	Liquid Fuel Burned Exclusively
39	214.162	Combination of Fuels

40
41 SUBPART E: AGGREGATION OF SOURCES OUTSIDE METROPOLITAN AREAS
42

43	Section	
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- 44 214.181 Dispersion Enhancement Techniques
- 45 214.182 Prohibition
- 46 214.183 General Formula
- 47 214.184 Special Formula
- 48 214.185 Alternative Emission Rate
- 49 214.186 New Operating Permits

50

51 SUBPART F: ALTERNATIVE STANDARDS FOR
52 SOURCES INSIDE METROPOLITAN AREAS

53

54 Section

- 55 214.201 Alternative Standards for Sources in Metropolitan Areas
- 56 214.202 Dispersion Enhancement Techniques

57

58 SUBPART K: PROCESS EMISSION SOURCES

59

60 Section

- 61 214.300 Scope
- 62 214.301 General Limitation
- 63 214.302 Exception for Air Pollution Control Equipment
- 64 214.303 Use of Sulfuric Acid
- 65 214.304 Fuel Burning Process Emission Source
- 66 214.305 Fuel Sulfur Content Limitations

67

68 SUBPART O: PETROLEUM REFINING, PETROCHEMICAL
69 AND CHEMICAL MANUFACTURING

70

71 Section

- 72 214.380 Scope
- 73 214.381 Sulfuric Acid Manufacturing
- 74 214.382 Petroleum and Petrochemical Processes
- 75 214.383 Chemical Manufacturing
- 76 214.384 Sulfate and Sulfite Manufacturing

77

78 SUBPART P: STONE, CLAY, GLASS AND CONCRETE PRODUCTS

79

80 Section

- 81 214.400 Scope
- 82 214.401 Glass Melting and Heat Treating
- 83 214.402 Lime Kilns

84

85 SUBPART Q: PRIMARY AND SECONDARY METAL MANUFACTURING

86

- 87 Section
- 88 214.420 Scope
- 89 214.421 Combination of Fuels at Steel Mills in Metropolitan Areas
- 90 214.422 Secondary Lead Smelting in Metropolitan Areas
- 91 214.423 Slab Reheat Furnaces in St. Louis Area

92

93 SUBPART V: ELECTRIC POWER PLANTS

94

- 95 Section
- 96 214.521 Winnetka Power Plant [\(Repealed\)](#)

97

98 SUBPART X: UTILITIES

99

- 100 Section
- 101 214.560 Scope [\(Repealed\)](#)
- 102 214.561 E. D. Edwards Electric Generating Station [\(Repealed\)](#)
- 103 214.562 Coffeen Generating Station [\(Repealed\)](#)

104

105 SUBPART AA: REQUIREMENTS FOR CERTAIN SO₂ SOURCES

106

- 107 Section
- 108 214.600 Definitions
- 109 214.601 Applicability
- 110 214.602 Compliance Deadline
- 111 214.603 Emission Limitations
- 112 214.604 Monitoring and Testing
- 113 214.605 Recordkeeping and Reporting

114

- 115 214.APPENDIX A Rule into Section Table [\(Repealed\)](#)
- 116 214.APPENDIX B Section into Rule Table [\(Repealed\)](#)
- 117 214.APPENDIX C Method ~~Used~~ to Determine Average Actual Stack Height and Effective Height of Effluent Release
- 118
- 119 214.APPENDIX D Past Compliance Dates [\(Repealed\)](#)

120

121 AUTHORITY: Implementing Section 10 and authorized by Section 27 of the Environmental
122 Protection Act [415 ILCS 5/10 and 27].

123

124 SOURCE: Adopted as Chapter 2: Air Pollution, Rule 204: Sulfur Emission Standards and
125 Limitations, R71-23, 4 PCB 191, filed and effective April 14, 1972; amended in R74-2 and R75-
126 5, 32 PCB 295, at 3 Ill. Reg. 5, p. 777, effective February 3, 1979; amended in R74-2, R75-5, 38
127 PCB 129, at 4 Ill. Reg. 28, p. 417, effective June 26, 1980; amended in R78-17, 40 PCB 291, at 5
128 Ill. Reg. 1892, effective February 17, 1981; amended in R77-15, 44 PCB 267, at 6 Ill. Reg. 2146,
129 effective January 28, 1982; amended and renumbered in R80-22(A) at 7 Ill. Reg. 4220, effective

130 March 28, 1983; codified at 7 Ill. Reg. 13597; amended in R80-22(B) at 8 Ill. Reg. 6172,
131 effective April 24, 1984; amended in R84-28 at 10 Ill. Reg. 9806, effective May 20, 1986;
132 amended in R86-31 at 12 Ill. Reg. 17387, effective October 14, 1988; amended in R86-30 at 12
133 Ill. Reg. 20778, effective December 5, 1988; amended in R87-31 at 15 Ill. Reg. 1017, effective
134 January 15, 1991; amended in R02-21 at 27 Ill. Reg. 12101, effective July 11, 2003; amended in
135 R04-12/20 at 30 Ill. Reg. 9671, effective May 15, 2006; amended in R15-21 at 39 Ill. Reg.
136 16174, effective December 7, 2015; amended in R18-21 at 50 Ill. Reg. _____, effective
137 _____.

138
139 SUBPART A: GENERAL PROVISIONS
140

141 **Section 214.100 Scope and Organization**
142

- 143 a) This Part sets standards and limitations for emission of sulfur from stationary
144 sources.
- 145
146 b) ~~Sources~~Permit for sources subject to this Part may be required to obtain a permit
147 underpursuant to 35 Ill. Adm. Code 201.
- 148
149 c) ~~Despite~~Notwithstanding the provisions of this Part, the air quality standards
150 contained in 35 Ill. Adm. Code 243 may not be violated.
- 151
152 d) This Part ~~includesis divided into~~ Subparts organizedwhich are grouped as follows:
153
154 1) Subpart A: General Provisions
155
156 2) Subparts B - J: Fuel Combustion Emission Sources and Incinerators
157
158 3) Subparts K - M: Process Emission Sources
159
160 4) Subparts N - End: Industry and site-specificsite specific rules.
161
162 e) ~~These rules have been grouped for the convenience of the public; the scope of~~
163 ~~each is determined by its language and history.~~

164
165 BOARD NOTE: While subsection (d) describes the organization of this Part, the rules
166 themselves establish their applicability and effect.
167

168 (Source: Amended at 50 Ill. Reg. _____, effective _____)
169

170 **Section 214.101 Measurement Methods**
171

172 A determination of noncompliancennon-compliance based on any subsection of this Section

173 ~~is~~ shall not be refuted by evidence of compliance with any other subsection.
 174

175 a) Sulfur Dioxide Measurement. Measurement of sulfur dioxide emissions from
 176 stationary sources ~~must~~ shall be made according to an applicable method specified
 177 in 40 CFR 60. ~~Appendix, appendix~~ A, Method 6, 6A, 6B, or 6C, incorporated by
 178 reference in Section 214.104(a), or by measurement procedures ~~underestablished~~
 179 ~~pursuant to~~ 40 CFR 60.8(b), incorporated by reference in Section 214.104(b), or
 180 by an installed certified continuous emissions monitoring system, or ~~by~~ an
 181 alternative monitoring method available under 40 CFR 75, incorporated by
 182 reference in Section 214.104(e).
 183

184 b) Sulfuric Acid Mist and Sulfur Trioxide Measurement. Measurement of sulfuric
 185 acid mist and sulfur trioxide ~~must~~ shall be according to the barium-thorin titration
 186 method ~~specified~~ in 40 CFR 60. ~~Appendix, appendix~~ A, Method 8, incorporated
 187 by reference in Section 214.104(a), or a controlled condensate method approved
 188 in writing by the Illinois Environmental Protection Agency.
 189

190 c) Solid Fuel Averaging Measurement Daily Analysis Method. This subsection
 191 applies to sources at plants with total solid fuel-fired heat input capacity
 192 exceeding 439.5 MW (~~1,500 MMbtu+500mmBtu~~/hr). If daily fuel analysis is
 193 used to demonstrate compliance or ~~noncompliance~~ ~~non-compliance~~ with Sections
 194 214.122, 214.141, 214.142(a), 214.162, 214.186, and 214.421, the sulfur dioxide
 195 emission rate to be compared to the emission limit ~~must~~ shall be ~~considered to be~~
 196 the result of averaging daily samples taken over any consecutive two-month
 197 period ~~if provided~~ no more than ~~5%5 percent~~ of the sample values are greater than
 198 ~~20%20 percent~~ above the sample average. If samples from a source cannot meet
 199 this statistical criterion, each individual daily sample analysis for ~~thesuch~~ source
 200 ~~must~~ shall be compared to the source's emission limit to determine compliance.
 201 The specific ASTM procedures, incorporated by reference in Section 214.104(c)
 202 ~~must, shall~~ be used for solid fuel sampling, sulfur, and heating value
 203 determinations.
 204

205 d) Weekly Analysis Method. This subsection applies to sources at plants with total
 206 solid fuel-fired heat input capacity exceeding 146.5 MW (500 ~~MMbtummmBtu~~/hr)
 207 but not exceeding 439.5 MW (~~1,500 MMbtu+500-mmBtu~~/hr). These plants
 208 ~~must~~ shall demonstrate compliance or ~~noncompliance~~ ~~non-compliance~~ with
 209 Sections 214.122, 214.141, 214.142(a), 214.162, 214.186, and 214.421 by either
 210 an analysis of calendar weekly composites of daily fuel samples or by compliance
 211 with subsection (c), at the option of the plant. The specific ASTM procedures
 212 incorporated by reference in Section 214.104(c); ~~must~~ shall be used for sulfur and
 213 heating value determinations.
 214

215 e) Monthly Analysis Method. This subsection applies to sources at plants with total

fuel-fired heat input capacity exceeding 14.65 MW (50 ~~MMbtummmBtu~~/hr) but not exceeding 146.5 MW (500 ~~MMbtummmBtu~~/hr). These plants ~~mustshall~~ demonstrate compliance or ~~noncompliance~~~~non-compliance~~ with Sections 214.122, 214.141, 214.142(a), 214.162, 214.186 and 214.421 by either an analysis of calendar monthly composites of daily fuel samples or by compliance with subsection (c), at the option of the plant. ASTM procedures incorporated by reference in Section 214.104(c), ~~mustshall~~ be used for sulfur and heating value determinations.

- f) Small Source Alternative Method. This subsection applies to sources at plants with total solid fuel-fired heat input capacity not exceeding 14.65 MW (50 ~~MMbtummmBtu~~/hr). Compliance or ~~noncompliance~~~~non-compliance~~ with Sections 214.122, 214.141, 214.142(a), 214.162, 214.186, and 214.421 ~~mustshall~~ be demonstrated by a calendar month average sulfur dioxide emission rate.
- g) Exemptions. Subsections (c) through (f) ~~doshall~~ not apply to sources controlling sulfur dioxide emissions by flue gas desulfurization equipment or by sorbent injection.
- h) Hydrogen Sulfide Measurement. ~~To determine~~~~For purposes of determining~~ compliance with Section 214.382(c), the concentration of hydrogen sulfide in petroleum refinery fuel gas ~~mustshall~~ be measured using the Tutwiler Procedure ~~specified~~ in 40 CFR 60.648, incorporated by reference in Section 214.104(d).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.102 Abbreviations and Units

- a) ~~This Part uses the~~The following abbreviations ~~are used in this Part:~~

BTU or btu	British thermal units
ft	foot
gr	grains
J	Joule
kg	kilogram
kg/MW-hr	kilograms per megawatt-hour
km	kilometer
lbs	pounds
lbs/MMbtummm Btu	pounds per million btuBtu
m	meter
mg	milligram
Mg	megagram, metric ton or tonne

mi	mile
MMbtu	million British thermal units
MMbtu /	million British thermal units per hour
hr	
MW	megawatt; one million watts
MW-hr	megawatt-hour
ng	nanogram; one billionth of a gram
ng/J	nanograms per Joule
ppm	parts per million
scf	standard cubic foot
scm	standard cubic meter
<u>SO₂</u>	<u>sulfur dioxide</u>
T	English ton

246
247
248

b) This Part uses theThe following conversion factors ~~have been used in this Part~~:

English	Metric
2.205 lb	1 kg
1 T	0.907 Mg
<u>1 lb/T</u>	0.500 kg/Mg
MMbtu	0.293 MW
Btu /hr	
1	1.548 kg/MW-hr
lb/ MMbtu	
mmBtu	
1 mi	1.61 km
1 gr/scf	2289 mg/scm

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.104 Incorporations by Reference

252
253
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The following materials are incorporated by reference. These incorporations do not include any later amendments or editions.

256
257
258

a) 40 CFR 60, Appendix A (20242014):

259
260
261

1) Appendix A-1

262
263

A) Method 1 - Sample and Velocity Traverses for Stationary Sources;

- 264 B2) Method 2 ~~–~~–Determination of Stack Gas Velocity and
 265 Volumetric Flow Rate;
 266
- 267 23) Appendix A-2: Method 3 ~~–~~–Gas Analysis for the Determination of Dry
 268 Molecular Weight;
 269
- 270 34) Appendix A-3: Method 4 ~~–~~–Determination of Moisture Content in Stack
 271 Gases;
 272
- 273 45) Appendix A-4
 274
- 275 A) Method 6 ~~–~~–Determination of Sulfur Dioxide Emissions From
 276 Stationary Sources;
 277
- 278 B6) Method 6A ~~–~~–Determination of Sulfur Dioxide, Moisture, and
 279 Carbon Dioxide Emissions From Fossil Fuel Combustion Sources;
 280
- 281 C7) Method 6B ~~–~~–Determination of Sulfur Dioxide and Carbon
 282 Dioxide Daily Average Emissions From Fossil Fuel Combustion
 283 Sources;
 284
- 285 D8) Method 6C ~~–~~–Determination of Sulfur Dioxide Emissions From
 286 Stationary Sources (Instrumental Analyzer Procedure);
 287
- 288 E9) Method 8 ~~–~~–Determination of Sulfuric Acid Mist and Sulfur
 289 Dioxide Emissions From Stationary Sources;
 290
- 291 510) Appendix A-7: Method 19 ~~–~~–Determination of Sulfur Dioxide Removal
 292 Efficiency and Particulate ~~Matter~~, Sulfur Dioxide, and Nitrogen Oxide
 293 Emission Rates.
 294
- 295 b) 40 CFR 60.8(b) (~~2024~~2014), Performance Tests.
 296
- 297 c) American Society for Testing and Materials, 100 Barr Harbor Drive, West
 298 Conshohocken, PA 19428-9555~~1916 Race Street, Philadelphia, PA 19103:~~
 299
- 300 1) For solid fuel sampling:
 301
- 302 A) ASTM D-2234-20 – Standard Practice for Collection of a Gross
 303 Sample of Coal(1989)
 304
- 305 B) ASTM D-2013-21 – Standard Practice for Preparing Coal Samples
 306 for Analysis(1986)

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- 2) For sulfur determinations:
 - A) [ASTM D-3177 \(1984\) – Standard Test Methods for Total Sulfur in the Analysis Sample of Coal and Coke](#)
 - B) [ASTM D-2622-24 – Standard Practice for Preparing Coal Samples for Analysis\(1987\)](#)
 - C) [ASTM D-3180-15 – Standard Practice for Calculating Coal and Coke Analyses from As-Determined to Different Bases\(1984\)](#)
 - D) [ASTM D-4239 \(1985\) – Standard Test Methods for Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods](#)

- 3) For heating value determinations:
 - [ASTM D-2015 \(1985\)](#)
 - [ASTM D-5865-19 – Standard Test Method for Gross Calorific Value of Coal and Coke 3286 \(1985\)](#)

- d) Tutwiler Procedure for hydrogen sulfide, 40 CFR 60.648 ([20242014](#)).
- e) 40 CFR 75 ([20242014](#)).
- f) USEPA's Emission Measurement Center Guideline Document (GD-042), Preparation and Review of Site-Specific Emission Test Plans, Revised March 1999.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART B: NEW FUEL COMBUSTION EMISSION SOURCES

Section 214.120 Scope

Subparts B through F contain general rules for sulfur emissions from fuel combustion emission sources. These may be modified by industry and [site-specificsite-specific](#) rules in Subparts N et seq.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

350 **Section 214.121 Large Sources**
 351

352 This Section applies to new fuel combustion emission sources with actual heat input greater than
 353 73.2 MW (250 ~~MMbtummmBtu~~/hr).
 354

355 a) ~~Only~~ Solid Fuel Burned ~~Exclusively~~. ~~A~~ No person ~~must not~~ shall cause or allow
 356 the emission of ~~SO₂sulfur dioxide~~ into the atmosphere in any ~~one-hour~~ ~~one hour~~
 357 period from any new fuel combustion emission source greater than 73.2 MW (250
 358 ~~MMbtummmBtu~~/hr), burning ~~only~~ solid fuel ~~exclusively~~, to exceed 1.86 kg of
 359 ~~SO₂sulfur dioxide~~ per MW-hr of actual heat input (1.2 lbs/~~MMbtummmBtu~~).
 360

361 (BOARD NOTE: This Section was invalidated in Commonwealth Edison v.
 362 PCB, 25 Ill. App.3d 271, 62 Ill.2d 494, 43 N.E.2d 459, 323 N.E.2d 84 (1st Dist.
 363 1974), Ashland Chemical Corp. v. PCB, 64 Ill. App.3d 169, 381 N.E. 2d 56 (3rd
 364 Dist. 1978), and Illinois State Chamber of Commerce v. PCB, 67 Ill. App.3d 839,
 365 384 N.E.2d 922, 78 Ill.2d 1, 398 N.E.2d 9 (Ill. 1979).
 366

367 b) ~~Only~~ Liquid Fuel Burned ~~Exclusively~~.
 368

369 1) ~~Before~~ ~~Prior to~~ January 1, 2017, ~~and~~ no person ~~must not~~ shall cause or allow
 370 the emission of ~~SO₂sulfur dioxide~~ into the atmosphere in any ~~one-hour~~ ~~one~~
 371 ~~hour~~ period from any new fuel combustion emission source with actual
 372 heat input greater than 73.2 MW (250 ~~MMbtummmBtu~~/hr), burning ~~only~~
 373 liquid fuel ~~exclusively~~, to exceed the following:
 374

375 A) 1.2 kg of ~~SO₂sulfur dioxide~~ per MW-hr of actual heat input when
 376 residual fuel oil is burned (0.8 lbs/~~MMbtummmBtu~~); and
 377

378 B) 0.46 kg of ~~SO₂sulfur dioxide~~ per MW-hr of actual heat input when
 379 distillate fuel oil is burned (0.3 lbs/~~MMbtummmBtu~~);
 380

381 2) On and after January 1, 2017, the owner or operator of a new fuel
 382 combustion emission source with actual heat input greater than 73.2 MW
 383 (250 ~~MMbtummmBtu~~/hr), burning ~~only~~ liquid fuel ~~exclusively~~, must
 384 comply with the following:
 385

386 A) The sulfur content of all residual fuel oil used by the fuel
 387 combustion emission source must not exceed ~~1,000~~ ~~1000~~ ppm;
 388

389 B) The sulfur content of all distillate fuel oil used by the fuel
 390 combustion emission source must not exceed 15 ppm; and
 391

392 C) The owner or operator must:

- 393
- 394
- 395 i) Maintain records demonstrating that the fuel oil used by the
- 396 fuel combustion emission source complies with ~~the~~
- 397 ~~requirements in~~ subsections (b)(2)(A) and (b)(2)(B), such
- 398 as records from the fuel supplier indicating the sulfur
- 399 content of the fuel oil;
- 400
- 401 ii) Retain the records for at least ~~five~~5 years, and provide
- 402 copies of the records to the Agency within 30 days after
- 403 ~~receiving receipt of~~ a request by the Agency; and
- 404
- 405 iii) Notify the Agency within 30 days after
- 406 ~~discovering discovery of~~ deviations from any of the
- 407 requirements in this subsection (b)(2). ~~In addition to~~
- 408 ~~information required by the source's permit~~At minimum,
- 409 ~~and in addition to any permitting obligations,~~ the
- 410 notification must ~~describe include a description of~~ the
- 411 deviations ~~and discuss, a discussion of~~ the possible cause of
- 412 the deviations ~~and;~~ any corrective actions ~~taken;~~ and ~~any~~
- 413 preventative measures taken.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.122 Small Sources

This Section applies to new fuel combustion emission sources with actual heat input ~~less smaller~~ than, or equal to, 73.2 MW (250 ~~MMBtu~~MMBtu/hr).

- 421 a) ~~Only~~ Solid Fuel Burned ~~Exclusively~~. ~~A~~No person ~~must not shall~~ cause or allow
- 422 the emission of ~~SO₂ sulfur dioxide~~ into the atmosphere in any ~~one-hour one hour~~
- 423 period from any new fuel combustion source with actual heat input ~~less smaller~~
- 424 than, or equal to, 73.2 MW (250 ~~MMBtu~~MMBtu/hr), burning ~~only~~ solid fuel
- 425 ~~exclusively~~, to exceed 2.79 kg of sulfur dioxide per MW-hr of actual heat input
- 426 (1.8 lbs/~~MMbtu~~MMBtu).
- 427
- 428 b) ~~Only~~ Liquid Fuel Burned ~~Exclusively~~.
- 429
- 430 1) ~~Before Prior to~~ January 1, 2017, ~~and~~ a person ~~must not shall~~ cause or allow
- 431 the emission of ~~SO₂ sulfur dioxide~~ into the atmosphere in any ~~one-hour one~~
- 432 ~~hour~~ period from any new fuel combustion emission source with actual
- 433 heat input ~~less smaller~~ than, or equal to, 73.2 MW (250 ~~MMbtu~~MMBtu/hr),
- 434 burning ~~only~~ liquid fuel ~~exclusively~~, to exceed the following:
- 435

- 436 A) 1.55 kg of ~~SO₂sulfur dioxide~~ per MW-hr of actual heat input when
437 residential fuel oil is burned (1.0 lbs/~~MMbtummmBtu~~); and
438
- 439 B) 0.46 kg of ~~SO₂sulfur dioxide~~ per MW-hr of actual heat input when
440 distillate fuel oil is burned (0.3 lbs/~~MMbtummmBtu~~);
441
- 442 2) On and after January 1, 2017, the owner or operator of a new fuel
443 combustion emission source with actual heat input ~~less~~smaller than, or
444 equal to, 73.2 MW (250 ~~MMbtummmBtu~~/hr), burning only liquid fuel
445 exclusively, must comply with the following:
446
- 447 A) The sulfur content of all residual fuel oil used by the fuel
448 combustion emission source must not exceed 1,000 ppm;
449
- 450 B) The sulfur content of all distillate fuel oil used by the fuel
451 combustion emission source must not exceed 15 ppm; and
452
- 453 C) The owner or operator must:
454
- 455 i) Maintain records demonstrating that the fuel oil used by the
456 fuel combustion emission source complies with ~~the~~
457 ~~requirements in~~ subsections (b)(2)(A) and (b)(2)(B), such
458 as records from the fuel supplier indicating the sulfur
459 content of the fuel oil;
460
- 461 ii) Retain the records for at least ~~five~~5 years, and provide
462 copies of the records to the Agency within 30 days after
463 ~~receiving receipt of~~ a request by the Agency; and
464
- 465 iii) Notify the Agency within 30 days after
466 ~~discovering discovery of~~ deviations from any of the
467 requirements in this subsection (b)(2). In addition to
468 information required by the source's permit~~At minimum,~~
469 ~~and in addition to any permitting obligations,~~ the
470 notification must ~~describe include a description of~~ the
471 deviations, ~~and discuss a discussion of~~ the possible cause of
472 the deviations ~~and;~~ any corrective actions ~~taken,~~ and ~~any~~
473 preventative measures taken.
474

475 (Source: Amended at 50 Ill. Reg. _____, effective _____)
476

477 SUBPART C: EXISTING SOLID FUEL
478 COMBUSTION EMISSION SOURCES

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Section 214.140 Scope

This Subpart contains rules which establish general sulfur ~~emission~~emissions standards for existing solid fuel emission sources. These may be modified by the industry and site-specific rules in Subparts N~~7~~ et seq.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.141 Sources Located in Metropolitan Areas

Except as otherwise provided in this Part, ~~any~~ person ~~must not~~shall cause or allow the emission of ~~SO₂sulfur dioxide~~ into the atmosphere in any ~~one-hour~~one-hour period from any existing fuel combustion source, burning ~~only~~ solid fuel ~~and exclusively~~, located in the Chicago, St. Louis (Illinois), or Peoria major metropolitan areas, to exceed 1.8 ~~lbspounds~~ of ~~SO₂sulfur dioxide~~ per ~~MMbtummmBtu~~ of actual heat input (774 ~~ng/Jnanograms per joule~~).

- a) Sources ~~located~~ in Kankakee or McHenry Counties ~~must~~shall not exceed 6.8 pounds of ~~SO₂sulfur dioxide~~ per ~~MMbtummmBtu~~ of actual heat input (2,924 ~~ng/Jnanograms per joule~~) in any ~~one-hour~~one-hour period.
- b) Existing industrial sources, not equipped with flue gas desulfurization systems as of December 1, 1980, ~~and~~ located in the Peoria major metropolitan area ~~must~~shall not exceed 5.5 ~~lbspounds~~ of ~~SO₂sulfur dioxide~~ per ~~MMbtummmBtu~~ of actual heat input (2,365 ~~ng/Jnanograms per joule~~) in any ~~one-hour~~one-hour period ~~if~~ provided the emissions from any such source ~~located~~ in the City of Peoria exit from a stack which is at least 154 ~~ftfeet~~ (47 ~~m~~meters) in height.
- c) Sections 214.122 and 214.101(c) ~~do~~shall not apply to any fuel combustion emission sources equipped with flue gas desulfurization systems as of December 1, 1980, and located in the City of East Peoria as the city boundaries were then defined. ~~A~~No person ~~must not~~shall cause or allow the emission of ~~SO₂sulfur dioxide~~ into the atmosphere in any ~~one-hour~~one-hour period from any such sources to exceed 1.4 ~~lbspounds~~ of ~~SO₂sulfur dioxide~~ per ~~MMbtummmBtu~~ of actual heat input (602 ~~ng/Jnanograms per joule~~).
- d) Sections 214.122 and 214.101(c) ~~do~~shall not apply to any fuel combustion emission sources which are capable of firing solid fuel at a heat input of more than 125 ~~MMbtummmBtu~~ per hour (36.6 ~~MW~~megawatts); ~~and which~~ as of December 1, 1980, ~~are~~ equipped with flue gas desulfurization systems; ~~and are~~ located in Hollis Township, Peoria County, as the township boundaries were then defined. ~~A~~No person ~~must not~~shall cause or allow the emission of ~~SO₂sulfur dioxide~~ into the atmosphere in any ~~one-hour~~one-hour period from any such

sources to exceed 1.1 ~~lbs~~ pounds of ~~SO₂sulfur dioxide~~ per ~~MMbtummbtu~~ of actual heat input (473 ~~ng/Jnanograms per joule~~).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.142 Small Sources Located Outside Metropolitan Areas

This section applies to existing fuel combustion sources with actual heat input less than, or equal to, 73.2 MW (250 ~~MMbtummbtu~~/hr) ~~and~~ located outside the Chicago, St. Louis (Illinois), or Peoria major metropolitan areas. ~~A~~ No person ~~must not~~ shall cause or allow the emission of ~~SO₂sulfur dioxide~~ into the atmosphere in any ~~one-hour~~ ~~one-hour~~ period from any existing fuel combustion source with actual heat input less than, or equal to, 73.2 MW (250 ~~MMbtummbtu~~/hr), burning ~~only~~ solid fuel ~~exclusively~~, ~~and~~ located outside the Chicago, St. Louis (Illinois), or Peoria major metropolitan areas; to exceed either of the following, whichever ~~thesuch~~ person determines ~~will~~ shall apply:

- a) 10.5 kg of ~~SO₂sulfur dioxide~~ per MW-hr of actual heat input (6.8 lbs/~~MMbtummbtu~~), ~~if the provided such~~ owner or operator complies with all applicable provisions of Section 214.186, or
- b) The emission limit ~~under provided by~~ Subpart E.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.143 Large Sources Located Outside Metropolitan Areas

This section applies to existing fuel combustion sources with actual heat input greater than 73.2 MW (250 ~~MMbtummbtu~~/hr) ~~and~~ located outside the Chicago, St. Louis (Illinois), or Peoria major metropolitan areas. ~~A~~ No person ~~must not~~ shall cause or allow the emission of ~~SO₂sulfur dioxide~~ into the atmosphere in any ~~one-hour~~ ~~one-hour~~ period from any existing fuel combustion source with actual heat input greater than 73.2 MW (250 ~~MMbtummbtu~~/hr), burning ~~only~~ solid fuel, ~~and~~ ~~exclusively~~, located outside the Chicago, St. Louis (Illinois), or Peoria major metropolitan areas; to exceed the emission limit ~~under provided by~~ Subpart E.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART D: EXISTING LIQUID OR MIXED FUEL
COMBUSTION EMISSION SOURCES

Section 214.161 Only Liquid Fuel Burned ~~Exclusively~~

- a) ~~Before~~ ~~Prior to~~ January 1, 2017, ~~and~~ no person ~~must not~~ shall cause or allow the emission of ~~SO₂sulfur dioxide~~ into the atmosphere in any ~~one-hour~~ ~~one-hour~~

565 period from any existing fuel combustion emission source, burning only liquid
 566 fuel ~~exclusively~~, to exceed the following:

- 567
- 568 1) 1.55 kg of SO₂sulfur dioxide per MW-hr of actual heat input when
 569 residual fuel oil is burned (1.0 lbs/~~MMbtummmBtu~~); and
- 570
- 571 2) 0.46 kg of SO₂sulfur dioxide per MW-hr of actual heat input when
 572 distillate fuel oil is burned (0.3 lbs/~~MMbtummmBtu~~).

573

574 b) Except ~~underas provided in~~ subsections (c) and (d), on and after January 1, 2017,
 575 the owner or operator of an existing fuel combustion emission source, burning
 576 only liquid fuel ~~exclusively~~, must comply with the following:

- 577
- 578 1) The sulfur content of all residual fuel oil used by the fuel combustion
 579 emission source must not exceed ~~1,000+000~~ ppm;
- 580
- 581 2) The sulfur content of all distillate fuel oil used by the fuel combustion
 582 emission source must not exceed 15 ppm; and
- 583
- 584 3) The owner or operator must:
- 585
- 586 A) Maintain records demonstrating that the fuel oil used by the fuel
 587 combustion emission source complies with ~~the requirements in~~
 588 subsections (b)(1) and (b)(2), such as records from the fuel
 589 supplier indicating the sulfur content of the fuel oil;
- 590
- 591 B) Retain the records for at least ~~five~~5 years, and provide copies of
 592 the records to the Agency within 30 days after ~~receiving receipt of~~ a
 593 request by the Agency; and
- 594
- 595 C) Notify the Agency within 30 days after ~~discovering discovery of~~
 596 deviations from any of the requirements in this subsection (b). In
 597 addition to information required by the source's permit~~At~~
 598 ~~minimum, and in addition to any permitting obligations~~, the
 599 notification must ~~describe include a description of~~ the deviations
 600 and discuss~~a discussion of~~ the possible cause of the deviations
 601 and~~any corrective actions taken~~, and any preventative measures
 602 taken.

603

604 c) The sulfur content limitation for distillate fuel oil in subsection (b)(2) does not
 605 apply to existing electric generating units at Midwest Generation's Joliet station
 606 (~~located~~ at or near 1800 Channahon Road, Joliet ~~IL~~), Powerton station (~~located~~ at
 607 or near 13082 E. Manito Road, Pekin ~~IL~~), Waukegan station (~~located~~ at or near

401 E. Greenwood Avenue, Waukegan~~H~~), and Will County station (~~located~~ at or near 529 E. 135th, Romeoville~~H~~). The owner or operator of ~~thesesueh~~ electric generating units must instead comply with the following:

- 1) From January 1, 2016, through December 31, 2018, the sulfur content of all distillate fuel oil purchased for use by ~~thesesueh~~ electric generating units must not exceed 15 ppm;
- 2) From January 1, 2017, through December 31, 2018, the sulfur content of all distillate fuel oil used by ~~thesesueh~~ electric generating units must not exceed 500 ppm;
- 3) On and after January 1, 2019, the sulfur content of all distillate fuel oil used by ~~thesesueh~~ electric generating units must not exceed 15 ppm;
- 4) The owner or operator must:
 - A) Maintain records demonstrating that the distillate fuel oil purchased from January 1, 2016, through December 31, 2018 for use by the electric generating units complies with ~~the requirements in~~ subsection (c)(1), such as records from the fuel supplier indicating the sulfur content of the fuel oil, and maintain records indicating the date of purchase of the fuel oil;
 - B) Maintain records demonstrating that the distillate fuel oil used from January 1, 2017, through December 31, 2018, by the electric generating units, complies with ~~the requirements in~~ subsection (c)(2), such as records from the fuel supplier indicating the sulfur content of the fuel oil;
 - C) On and after January 1, 2019, maintain records demonstrating that the distillate fuel oil used by the electric generating units complies with ~~the requirements in~~ subsection (c)(3), such as records from the fuel supplier indicating the sulfur content of the fuel oil;
 - D) Retain all records required by this subsection (c) for at least ~~five~~5 years, and provide copies of the records to the Agency within 30 days after ~~receiving receipt of~~ a request by the Agency; and
 - E) Notify the Agency within 30 days after ~~discovering discovery of~~ deviations from any of the requirements in this subsection (c). In addition to information required by the source's permit~~At minimum, and in addition to any permitting obligations,~~ the

notification must ~~describe~~include a description of the deviations ~~and discuss, a discussion of~~ the possible cause of the deviations ~~and;~~ any corrective actions ~~taken,~~ and ~~any~~ preventative measures taken.

- d) The sulfur content limitation for distillate fuel oil in subsection (b)(2) does not apply to existing fuel combustion emission sources at Caterpillar's Montgomery facility (~~located~~ at or near 325 South Route 31, Montgomery ~~IL~~). The owner or operator of the fuel combustion emission sources must instead comply with the following:
- 1) On and after January 1, 2016:
 - A) The sulfur content of all distillate fuel oil purchased for use by the fuel combustion emission sources must not exceed 15 ppm; and
 - B) The sulfur content of all distillate fuel oil used by the fuel combustion emission sources must not exceed 500 ppm;
 - 2) The owner or operator must:
 - A) Maintain records demonstrating that the distillate fuel oil purchased on and after January 1, 2016, for use by the fuel combustion emission sources complies with ~~the requirements in~~ subsection (d)(1)(A), such as records from the fuel supplier indicating the sulfur content of the fuel oil, and maintain records indicating the date of purchase of the fuel oil;
 - B) Maintain records demonstrating that the distillate fuel oil used on and after January 1, 2016 by the fuel combustion emission sources complies with ~~the requirements in~~ subsection (d)(1)(B), such as records from the fuel supplier indicating the sulfur content of the fuel oil;
 - C) Retain all records required by this subsection (d) for at least ~~five~~5 years, and provide copies of the records to the Agency within 30 days after ~~receiving receipt of~~ a request by the Agency; and
 - D) Notify the Agency within 30 days after ~~discovering~~discovery of deviations from any of the requirements in this subsection (d). In addition to information required by the source's permit~~At minimum, and in addition to any permitting obligations,~~ the notification must ~~describe~~include a description of the deviations

and discuss, a discussion of the possible cause of the deviations and, any corrective actions taken, and any preventative measures taken.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.162 Combination of Fuels

- a) ~~A~~ No person ~~must not~~ shall cause or allow the emission of ~~SO₂ sulfur dioxide~~ into the atmosphere in any ~~one-hour~~ one hour period from any fuel combustion emission source burning simultaneously any combination of solid, liquid and gaseous fuels to exceed the allowable emission rate determined by the following equation:

$$E = S_S H_S + S_d H_d + S_R H_R$$

- b) Symbols in the equation mean ~~the following~~:

E = allowable ~~SO₂ sulfur dioxide~~ emission rate;
 S_S = solid fuel ~~SO₂ sulfur dioxide~~ emission standard which is applicable;
 S_d = distillate oil ~~SO₂ sulfur dioxide~~ emission standard determined from the table in subsection (d);
 S_R = residual fuel oil ~~SO₂ sulfur dioxide~~ emission standard;
 H_S = actual heat input from solid fuel;
 H_d = actual heat input from distillate fuel oil;
 H_R = actual heat input from residual fuel oil.

- c) ~~The~~ That portion of the actual heat input that is derived ~~from~~:

- 1) ~~The~~ From the burning of gaseous fuels produced by the gasification of solid fuels ~~must~~ shall be included in H_S;
- 2) ~~The~~ From the burning of gaseous fuels produced by the gasification of distillate fuel oil ~~must~~ shall be included in H_d;
- 3) ~~The~~ From the burning of gaseous fuels produced by the gasification of residual fuel oil ~~must~~ shall be included in H_R;
- 4) ~~The~~ From the burning of gaseous fuels produced by the gasification of any other liquid fuel ~~must~~ shall be included in H_R; and
- 5) ~~The~~ From the burning of by-product gases such as those produced from a

blast furnace or a catalyst regeneration unit in a petroleum refinery
~~must~~ shall be included in H_R.

d) Metric or English units may be used in the equation of subsection (a) as follows:

<u>Parameter</u>	<u>Metric</u>	<u>English</u>
E	kg/hr	lbs/hr
S _S , S _R	kg/MW-hr	lbs/ MMbtu MMBtu
S _d before prior to January 1, 2017	0.46 kg/MW-hr	0.3 lbs/ MMbtu MMBtu
S _d on and after January 1, 2017	0.0023 kg/MW-hr	0.0015 lb/ MMbtu MMBtu
H _S , H _d , H _R	MW	MMbtu MMBtu

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART E: AGGREGATION OF SOURCES
 OUTSIDE METROPOLITAN AREAS

Section 214.181 Dispersion Enhancement Techniques

~~An~~ No owner or operator of an existing fuel combustion emission source ~~must~~ shall comply with the emission standards of this Subpart by ~~using the use of~~ dispersion enhancement techniques. Dispersion enhancement techniques ~~shall include, but not be limited to,~~ an intermittent control system or an increase of: stack height in excess of good engineering practice necessary to prevent downwash or fumigation conditions, stack diameter, exit gas velocity, or exit gas temperature, except ~~under as provided by~~ Section 123 of the Clean Air Act (42 U.S.C. 7423) and regulations promulgated ~~under it~~ thereunder. Flue gas may be reheated where air pollution control equipment results in ~~reducing a reduction of~~ flue gas temperature, ~~if provided that~~ the degree of reheat does not exceed the temperature drop across ~~that such~~ air pollution control equipment.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.182 Prohibition

~~An~~ No person ~~must not~~ shall cause or allow the total emissions of ~~SO₂ sulfur dioxide~~ into the atmosphere in any ~~one-hour~~ one hour period from all fuel combustion emission sources, located outside of the Chicago, St. Louis (Illinois), or Peoria major metropolitan areas, owned or operated by ~~that such~~ person, and located within a ~~one-mile (1.6 km)~~ one-mile radius ~~(1.6 km)~~ from the center point of any ~~that such~~ fuel combustion emission source to exceed the emissions determined by ~~the following~~ Sections 214.183 through 214.185, whichever ~~applies~~ is applicable.

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.183 General Formula

a) The general formula is:

$$\frac{E = (H_A)^{0.11} (H_E)^2}{128} \quad \text{(in English units)}$$

$$E = 0.04347(H_A)^{0.11}(H_E)^2 \quad \text{(in Metric units)}$$

b) Symbols used in the general formula mean ~~the following~~:

E = Total allowable emission of ~~SO₂sulfur dioxide~~ (in lbs/hr or kg/hr) into the atmosphere in any one-hour period from all fuel combustion emission sources owned or operated by ~~asueh~~ person and located within a ~~one-mile (1.6 km)-(1 mile)~~ radius from the center point of any such emission source;

H_A = Average actual stack height as determined by method outlined in Appendix C.

H_E = Effective height of effluent release as determined by ~~method outlined in~~ Appendix C.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.184 Special Formula

a) If the maximum total emissions of ~~SO₂sulfur dioxide~~ into the atmosphere in any ~~one-hourone hour~~ period from all fuel combustion emission sources owned or operated by any person and located within a ~~one-hour1-mile~~ (1.6 km) radius from the center point of any such fuel combustion emission sources exceed, during normal cyclical variations in firing rate and fuel, the emissions allowed under Section 214.183 but, as of April 1, 1978, were in compliance with either the formula ~~in subsection (b)detailed below~~ or a Pollution Control Board ~~(Board)~~ order, then the owner or operator of the emission sources ~~mustshall~~ not cause or allow ~~thesueh~~ emissions to exceed the emissions allowed under Section 214.183 or the formula ~~in subsection (b)detailed below~~, whichever the owner or operator of the emission sources determines ~~willshall~~ apply.

b) $E = 20,000 \left(\frac{H_s}{300} \right)^2$ (in English units)

$$E = 4.8824 \times 20,000 \left(\frac{H_s}{300} \right)^2 \quad (\text{in Metric units})$$

$$H = P_1 H_1 + P_2 H_2 + \dots P_n H_n$$

(Note: $P_1 + P_2 \dots P_n = 1$)

c) As used in these equations, symbols mean ~~the following~~:

E = total emission of ~~SO₂ sulfur dioxide~~ in lbs/hr or kg/hr into the atmosphere in any ~~one-hour~~ period from all fuel combustion emission sources owned or operated by ~~such~~ person and located within a ~~one-mile~~ mile (1.6 km) radius from the center point of any such emission source;

P_i = (for i = 1, 2, . . . ,n) percentage of total emissions E emitted from source i expressed as decimal equivalents (e.g., 21% = 0.21); ~~and~~

H_i = (for i = 1, 2, . . . ,n) physical height (in feet or meters) above grade of stack i.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.185 Alternative Emission Rate

Any owner or operator of a fuel combustion emission source may petition the Board for approval of an emission rate applicable to any ~~one-hour~~ ~~one-hour~~ period for all fuel combustion emission sources owned or operated by ~~that~~ ~~such~~ person and located within a ~~one-mile~~ ~~one-mile~~ (1.6 km) radius from the center point of any such fuel combustion emission source. ~~That~~ ~~Such~~ person ~~must~~ ~~shall~~ prove in an adjudicative hearing before the Board that the proposed emission rate will not under any ~~foreseeable~~ ~~foreseeable~~ operating conditions and potential meteorological conditions cause or contribute to a violation of any applicable primary or secondary ~~SO₂ sulfur dioxide~~ ambient air quality standard or violate any applicable prevention of significant deterioration (PSD) increment. An emission rate approved ~~under~~ ~~pursuant to~~ this Section ~~substitutes~~ ~~shall be a~~ ~~substitute~~ for ~~the~~ ~~that~~ standard determined by Section 214.183 or 214.184.

a) Every owner or operator of a fuel combustion emission source petitioning the Board for approval of an emission standard ~~under~~ ~~pursuant to~~ this Section ~~must~~ ~~shall~~ follow the applicable procedures ~~described~~ in 35 Ill. Adm. Code Subtitle A, Chapter I.

b) Any emission standard approved ~~under~~ ~~pursuant to~~ this Section ~~must~~ ~~shall~~ be included as a condition ~~into~~ operating permits issued ~~under~~ ~~pursuant to~~ 35 Ill. Adm. Code 201. Any owner or operator of a fuel combustion emission source who receives Board approval of an emission standard ~~under~~ ~~pursuant to~~ this Section ~~must~~ ~~shall~~ apply to the ~~Illinois Environmental Agency~~ (Agency) within 30

821 days of approval of ~~thesueh~~ standard ~~to revise for a revision of~~ its operating permit
 822 for ~~thesueh~~ source.

- 823
- 824 c) The Agency ~~mustshall~~ impose as a condition ~~into~~ a permit to operate a source
 825 ~~underpursuant to~~ an emission standard approved ~~underpursuant to~~ this Section an
 826 ambient ~~SO₂sulfur dioxide~~ monitoring and dispersion modeling program designed
 827 to verify that ~~thesueh~~ emission standard will not cause or contribute to violations
 828 of any applicable primary or secondary ~~SO₂sulfur dioxide~~ ambient air quality
 829 standard. ~~TheSueh~~ ambient monitoring and dispersion modeling program
 830 ~~mustshall~~ be operated for at least one year, ~~beginning within six~~ ~~commencing no~~
 831 ~~later than 6~~ months after the date ~~of approval of~~ an emission rate ~~is approved~~
 832 ~~underpursuant to~~ this Section.
- 833
- 834 d) No more than 15 months after ~~beginning the commencement of~~ the ambient
 835 monitoring and dispersion modeling program ~~under of~~ subsection (c), the owner or
 836 operator ~~mustshall~~ apply for a new operating permit. The owner or operator
 837 ~~mustshall~~ submit, at the time of the application, a report containing the results of
 838 the ambient monitoring and dispersion modeling program.

839
 840 (Source: Amended at 50 Ill. Reg. _____, effective _____)

841
 842 **Section 214.186 New Operating Permits**

843
 844 ~~An~~ owner or operator of a fuel combustion emission source whose ~~SO₂sulfur dioxide~~
 845 emission limitation is determined by Section 214.142, 214.183 or 214.184 ~~must notshall~~ cause or
 846 allow the total emissions of ~~SO₂sulfur dioxide~~ into the atmosphere from all fuel combustion
 847 emission sources owned or operated by ~~thatsueh~~ person and located within ~~a one-mile (1.6 km)+~~
 848 ~~mile~~ radius ~~(1.6 km)~~ from the center point of any such fuel combustion source to exceed the level
 849 of ~~SO₂sulfur dioxide~~ emission allowed under the previous Rule 204 (effective April 14, 1972
 850 until December 14, 1978) without first obtaining a new operating permit from the Agency. The
 851 application for a new operating permit ~~must demonstrateshall include a demonstration~~ that
 852 ~~thesueh~~ total emissions will not violate any applicable PSD increment.

853
 854 (Source: Amended at 50 Ill. Reg. _____, effective _____)

855
 856 SUBPART F: ALTERNATIVE STANDARDS FOR
 857 SOURCES INSIDE METROPOLITAN AREAS

858
 859 **Section 214.201 Alternative Standards for Sources in Metropolitan Areas**

860
 861 Any owner or operator of an existing fuel combustion emission source located in the Chicago,
 862 St. Louis (Illinois), or Peoria major metropolitan areas may petition the Board ~~to approve for~~
 863 ~~approval of~~ an alternate emission rate ~~specified~~ in emissions of pounds of ~~SO₂sulfur dioxide~~ per

864 ~~MMbtummmBtu~~ of actual heat input for any such fuel combustion emission source, up to a
 865 maximum ~~of~~ 6.8 pounds of ~~SO₂sulfur dioxide~~ per ~~MMbtummmBtu~~ of actual heat input (10.5
 866 kg/MW-hr). ~~The owner or operator must~~~~Such person shall~~ prove in an adjudicative hearing
 867 before the Board that the proposed emission rate will not, under predictable ~~worst-case~~~~worst-case~~
 868 conditions cause or contribute to a violation of any applicable primary or secondary ~~SO₂sulfur~~
 869 ~~dioxide~~ ambient air quality standard or ~~of~~ any applicable ~~PSD~~~~prevention of significant~~
 870 ~~deterioration~~ increment. An emission rate approved ~~under~~~~pursuant to~~ this Section
 871 ~~substitutes~~~~shall be a substitute~~ for ~~the~~~~that~~ standard otherwise required by this Part. Nothing in
 872 this Section, however, excuses a source subject to Subpart AA from complying with ~~the~~
 873 ~~requirements set forth in~~ that Subpart.

- 874
- 875 a) Every owner or operator of an existing fuel combustion emission source ~~so~~
 876 petitioning the Board ~~to approve~~~~for approval of~~ an emission standard ~~must~~~~shall~~
 877 follow the applicable procedures ~~described~~ in 35 Ill. Adm. Code, Subtitle A,
 878 Chapter I.
 - 879
 - 880 b) Any emission standard so approved ~~must~~~~shall~~ be included as a condition in
 881 operating permits issued ~~under~~~~pursuant to~~ 35 Ill. Adm. Code, 201. Any owner or
 882 operator of a fuel combustion emission source who receives Board approval of
 883 ~~the~~~~such an~~ emission standard ~~must~~~~shall~~ apply to the Agency within 30 days after
 884 approval of that standard ~~to revise~~~~for a revision of~~ its operating permit for the
 885 source.
 - 886
 - 887 c) ~~An~~~~No~~ owner or operator of an existing fuel combustion emission source ~~must~~
 888 ~~not~~~~shall~~ seek an alternate emission rate under this Section, or comply with an
 889 alternate emission rate granted under this Section, by ~~using~~~~the use of~~ dispersion
 890 enhancement techniques ~~under~~~~referred to in~~ Section 214.202.

891
 892 (Source: Amended at 50 Ill. Reg. _____, effective _____)

893

894 Section 214.202 Dispersion Enhancement Techniques

895

896 ~~An~~~~No~~ owner or operator of an existing fuel combustion emission source ~~must not~~~~shall~~ comply
 897 with the emission standards of this Subpart by ~~the~~~~using~~~~use of~~ dispersion enhancement
 898 techniques. Dispersion enhancement techniques ~~shall include,~~~~but not be limited to,~~ an
 899 intermittent control system or an increase of: stack height in excess of good engineering practice
 900 necessary to prevent downwash or fumigation conditions, stack diameter, exit gas velocity, or
 901 exit gas temperature, except ~~under~~~~as provided by~~ Section 123 of the Clean Air Act (42 U.S.C.A.
 902 7423) and regulations promulgated ~~under it~~~~thereunder~~. Flue gas may be reheated where air
 903 pollution control equipment results in ~~reducing a~~~~reduction of~~ flue gas temperature ~~if,~~~~provided~~
 904 ~~that~~ the degree of reheat does not exceed the temperature drop across ~~that~~~~such~~ air pollution
 905 control equipment.

906

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART K: PROCESS EMISSION SOURCES

Section 214.300 Scope

Subpart K contains general rules for sulfur emissions from process sources. These may be modified by industry and ~~site-specific~~ rules in other Subparts of this Part. Subpart K also contains sulfur content limitations for fuel oil used by process ~~emission~~ sources. These sulfur content limitations apply regardless of industry and ~~site-specific~~ rules set forth in other Subparts of this Part.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.301 General Limitation

Except ~~underas further provided by~~ this Part, ~~ane~~ person ~~must notshall~~ cause or allow the emission of ~~SO₂sulfur dioxide~~ into the atmosphere from any process emission source to exceed ~~2,0002000~~ ppm.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.302 Exception for Air Pollution Control Equipment

Section 214.301 ~~doesshall~~ not apply to processes designed to remove sulfur compounds from the flue gases of fuel combustion emission sources.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.303 Use of Sulfuric Acid

~~Except for~~~~With the exception of~~ fuel combustion emission sources and acid manufacturing, ~~ane~~ person using sulfuric acid ~~must notshall~~ cause or allow the emission of sulfuric acid, ~~and/or~~ sulfur trioxide, ~~or both~~ from all other similar emission sources at a plant or premises to exceed:

- a) 45.4 grams in any ~~one-hourone hour~~ period for sulfuric acid usage less than ~~1,1801180~~ Mg/yr (100%~~percent~~ acid basis) (0.10 lbs/hr up to ~~1,3001300~~ T/yr);
- b) 250 grams per metric ton of acid used for sulfuric acid usage greater than or equal to ~~1,1801180~~ Mg/yr (100%~~percent~~ acid basis) (0.50 lbs/T over ~~1,3001300~~ T/yr).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.304 Fuel Burning Process Emission Source

~~Emmission~~emissions from ~~the~~ burning of fuel at process emission sources located in the Chicago or St. Louis (Illinois) major metropolitan areas ~~must~~shall comply with applicable Subparts B through F. ~~However, a, except as follows: No~~ person ~~must not~~shall cause or allow the emissions of sulfur into the atmosphere in any ~~one-hour~~one hour period from burning tea leaves as fuel to exceed 0.70 pounds of ~~SO₂~~sulfur dioxide per ~~MMBtu~~mmbtu of actual heat input.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.305 Fuel Sulfur Content Limitations

- a) Except ~~under~~as provided in subsections (b), (c), and (d), on and after January 1, 2017, the owner or operator of a process emission source must comply with the following:
 - 1) The sulfur content of all residual fuel oil used by the process emission source must not exceed ~~1,000~~1000 ppm;
 - 2) The sulfur content of all distillate fuel oil used by the process emission source must not exceed 15 ppm; and
 - 3) The owner or operator must:
 - A) Maintain records demonstrating that the fuel oil used by the process emission source complies with ~~the requirements in~~ subsections (a)(1) and (a)(2), such as records from the fuel supplier indicating the sulfur content of the fuel oil;
 - B) Retain the records for at least ~~five~~5 years, and provide copies of the records to the Agency within 30 days after ~~receiving~~receipt of a request by the Agency; and
 - C) Notify the Agency within 30 days after ~~discovering~~discovery of deviations from any of the requirements in this subsection (a). ~~In~~At minimum, and in addition to any ~~information required by the source's permit~~permitting obligations, ~~the~~such notification must ~~describe~~include a description of the deviations ~~and discuss,~~ a ~~discussion of~~ the possible cause of the deviations ~~and,~~ any corrective actions ~~taken,~~ and ~~any~~preventative measures taken.
- b) The sulfur content limitation for distillate fuel oil in subsection (a)(2) does not apply to distillate fuel oil used by "TC-F/TC-L/TCL Wing 5" and "TC-F/TC-L

Alternative" at Caterpillar Technical Center (~~located at or near~~ 1311 E. Cedar Hills Dr., Mossville, ~~IL~~) for ~~purposes of~~ research and development ~~of~~ or testing of equipment intended for sale outside of Illinois. This exemption is limited to a combined total of 150,000 gallons of distillate fuel oil per calendar year. The sulfur content of the fuel oil must not exceed 500 ppm. The owner or operator of the process emission sources described in this subsection must also comply with the following:

- 1) Maintain records indicating the amount of distillate fuel oil used by the process emission sources each calendar year for ~~purposes of~~ research and development ~~of~~ or testing ~~of~~ equipment for sale outside of Illinois ~~and, as well as~~ records demonstrating that the fuel oil complies with ~~the requirements in this~~ subsection (b), such as records from the fuel supplier indicating the sulfur content of the fuel oil;
- 2) Retain the records for at least ~~five~~ 5 years, and provide copies of the records to the Agency within 30 days after ~~receiving receipt of~~ a request by the Agency; and
- 3) Notify the Agency within 30 days after ~~discovering discovery of~~ deviations from any of the requirements in this subsection (b). ~~In At minimum, and in addition to any information required by the source's permit permitting obligations,~~ the notification must ~~describe include a description of~~ the deviations ~~and discuss, a discussion of~~ the possible cause of the deviations ~~and;~~ any corrective actions ~~taken,~~ and ~~any~~ preventative measures taken.

c) The sulfur content limitation for distillate fuel oil in subsection (a)(2) does not apply to existing process emission sources at Caterpillar's Montgomery facility (~~located at or near~~ 325 South Route 31, Montgomery ~~IL~~). The owner or operator of these process emission sources must instead comply with the following:

- 1) On and after January 1, 2016:
 - A) The sulfur content of all distillate fuel oil purchased for use by the process emission sources must not exceed 15 ppm; and
 - B) The sulfur content of all distillate fuel oil used by the process emission sources must not exceed 500 ppm;
- 2) The owner or operator must:
 - A) Maintain records demonstrating that the distillate fuel oil purchased on and after January 1, 2016, for use by the process

- 1036 emission sources, complies with ~~the requirements in~~ subsection
1037 (c)(1)(A), such as records from the fuel supplier indicating the
1038 sulfur content of the fuel oil, and ~~maintain records~~ indicating the
1039 date of purchase of the fuel oil;
- 1040
- 1041 B) Maintain records demonstrating that the distillate fuel oil used on
1042 and after January 1, 2016, by the process emission sources,
1043 complies with ~~the requirements in~~ subsection (c)(1)(B), such as
1044 records from the fuel supplier indicating the sulfur content of the
1045 fuel oil;
- 1046
- 1047 C) Retain all records required by this subsection (c) for at least ~~five~~
1048 years, and provide copies of the records to the Agency within 30
1049 days after ~~receiving receipt of~~ a request by the Agency; and
- 1050
- 1051 D) Notify the Agency within 30 days after ~~discovering discovery of~~
1052 deviations from any of the requirements in this subsection (c).
1053 ~~In~~At minimum, and in addition to any ~~information required by the~~
1054 ~~source's permit permitting obligations~~, the notification must
1055 ~~describe include a description of~~ the deviations ~~and discuss, a~~
1056 ~~discussion of~~ the possible cause of the deviations ~~and~~, any
1057 corrective actions ~~taken~~, and ~~any~~ preventative measures taken.
- 1058
- 1059 d) The sulfur content limitation for distillate fuel oil in subsection (a)(2) does not
1060 apply to existing electric generating units at Midwest Generation's Fisk station
1061 (~~located at or near~~ 1111 W. Cermak Road, Chicago, ~~IL~~) or Waukegan station
1062 (~~located at or near~~ 401 E. Greenwood Avenue, Waukegan, ~~IL~~). The owner or
1063 operator of these electric generating units must instead comply with the
1064 following:
- 1065
- 1066 1) From January 1, 2016, through December 31, 2018, the sulfur content of
1067 all distillate fuel oil purchased for use by these electric generating units
1068 must not exceed 15 ppm;
- 1069
- 1070 2) From January 1, 2017, through December 31, 2018, the sulfur content of
1071 all distillate fuel oil used by these electric generating units must not
1072 exceed 500 ppm;
- 1073
- 1074 3) On and after January 1, 2019, the sulfur content of all distillate fuel oil
1075 used by these electric generating units must not exceed 15 ppm;
- 1076
- 1077 4) The owner or operator must:
- 1078

- 1079 A) Maintain records demonstrating that the distillate fuel oil
 1080 purchased from January 1, 2016, through December 31, 2018, for
 1081 use by the electric generating units, complies with ~~the requirements~~
 1082 ~~in~~ subsection (d)(1), such as records from the fuel supplier
 1083 indicating the sulfur content of the fuel oil, and ~~maintain records~~
 1084 indicating the date of purchase of the fuel oil;
- 1085
- 1086 B) Maintain records demonstrating that the distillate fuel oil used
 1087 from January 1, 2017, through December 31, 2018, by the electric
 1088 generating units, complies with ~~the requirements in~~ subsection
 1089 (d)(2), such as records from the fuel supplier indicating the sulfur
 1090 content of the fuel oil;
- 1091
- 1092 C) On and after January 1, 2019, maintain records demonstrating that
 1093 the distillate fuel oil used by the electric generating units complies
 1094 with ~~the requirements in~~ subsection (d)(3), such as records from
 1095 the fuel supplier indicating the sulfur content of the fuel oil;
- 1096
- 1097 D) Retain all records required by this subsection (d) for at least ~~five~~
 1098 years, and provide copies of the records to the Agency within 30
 1099 days after ~~receiving receipt of~~ a request by the Agency; and
- 1100
- 1101 E) Notify the Agency within 30 days after ~~discovering discovery of~~
 1102 deviations from any of the requirements in this subsection (d).
 1103 ~~In~~ At minimum, and in addition to any information required by the
 1104 source's permit permitting obligations, the notification must
 1105 describe include a description of the deviations and discuss, a
 1106 discussion of the possible cause of the deviations and, any
 1107 corrective actions ~~taken,~~ and ~~any~~ preventative measures taken.
- 1108

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART O: PETROLEUM REFINING, PETROCHEMICAL
AND CHEMICAL MANUFACTURING

Section 214.381 Sulfuric Acid Manufacturing

- 1115
- 1116 a) ~~A~~ No person ~~must not shall~~ cause or allow the emission of ~~SO₂ sulfuric dioxide~~ into
 1117 the atmosphere from any new sulfuric acid manufacturing plant to exceed 4.0
 1118 ~~lbspounds~~ of ~~SO₂ sulfur dioxide~~ per ton of acid produced (2.0 kg/Mg).
- 1119
- 1120 b) ~~A~~ No person ~~must not shall~~ cause or allow the emission of sulfuric acid mist into
 1121 the atmosphere from any process emission source to exceed 0.15 ~~lbspounds~~ of

acid mist per ton of acid manufactured (75 g/Mg).

- c) ~~A~~No person ~~must not~~shall cause or allow the emission of ~~SO₂sulfur dioxide~~ into the atmosphere from any sulfuric acid manufacturing process in the City of Chicago to exceed 500 ppm.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.382 Petroleum and Petrochemical Processes

- a) Section 214.301 ~~does~~shall not apply to existing processes designed to remove sulfur compounds from the flue gases of petroleum and petrochemical processes.

- b) ~~A~~No person ~~must not~~shall cause or allow the emission of more than 1,000 ppm of ~~SO₂sulfur dioxide~~ into the atmosphere from any ~~new~~ process emission source in the St. Louis (Illinois) major metropolitan area designed to remove sulfur compounds from the flue gases of petroleum and petrochemical processes.

- c) The following limitations apply to any petroleum refinery in the Village of Roxana:

- 1) ~~A~~No person ~~must not~~shall cause or allow the combustion of refinery flasher pitch containing more than ~~3%3.0% (three percent)~~ sulfur by weight. This ~~must~~shall be demonstrated by daily sampling of refinery flasher pitch.

- 2) ~~A~~No person ~~must not~~shall burn petroleum refinery fuel gas in any fuel gas combustion device if that refinery fuel gas contains more than 39 grains hydrogen sulfide per 100 dry ~~scfstandard cubic feet~~ (893 mg/scm). This ~~must~~shall be demonstrated by sampling the refinery fuel gas once every eight hours, ~~underpursuant to~~ the Tutwiler Procedure, incorporated by reference at (Section ~~214.104(d)214.104(e)~~).

- 3) ~~A~~No person ~~must not~~shall cause or allow the total emission of ~~SO₂sulfur dioxide~~ into the atmosphere from the following source groupings to exceed the following amounts:

- A) All process heaters at distilling unit No. 1: ~~—459 lbs/hr (208 kg/hr).~~
- B) All process heaters at distilling unit No. 2: ~~-1,260—1260~~ lbs/hr (571 kg/hr).
- C) All gas plant process heaters: ~~—159 lbs/hr (72.1 kg/hr).~~

- 1165
- 1166 D) All vacuum flasher unit heaters: — 378 lbs/hr (171 kg/hr).
- 1167
- 1168 E) All process heaters at the alkylation, benzene extraction unit and
- 1169 catalytic feed hydrotreating units: —346 lbs/hr (157 kg/hr).
- 1170
- 1171 F) All boilers generating steam for general plant use: —2,400 lbs/hr
- 1172 (1,090 kg/hr).
- 1173
- 1174 G) All heaters serving the hydrocracker unit catalytic reformer No. 1,
- 1175 and the saturates gas plant :— 1,660 lbs/hr (753 kg/hr).
- 1176
- 1177 H) All process heaters at the aromatics east process: —768 lbs/hr (348
- 1178 kg/hr).
- 1179
- 1180 I) All catalytic cracking units: —3,430 lbs/hr (1,560 kg/hr).
- 1181
- 1182 J) All asphalt converters, distilling unit No. 1, the aromatics east
- 1183 process, all boilers generating steam for general plant use, and all
- 1184 gas plant process heaters: —2,710 lbs/hr (1,230 kg/hr).
- 1185

- 1186 d) Compliance with the emission limitations of subsections (b) and (c)(3) ~~must of this~~
- 1187 ~~Section shall~~ be demonstrated on a three-hour block average basis. ~~These Such~~
- 1188 demonstrations ~~must shall~~ require, as a permit condition, that data ~~as~~ required by
- 1189 the ~~Illinois Environmental Protection Agency (under 35 Ill. Adm. Code Section~~
- 1190 ~~201.161)~~ ~~must~~ be maintained ~~in order~~ to adequately determine the ~~SO₂sulfur~~
- 1191 ~~dioxide~~ emission rate from each source operations group.
- 1192
- 1193 e) Sources in the Village of Roxana are not subject to the emission limitations of
- 1194 Section 214.162 when burning refinery flasher pitch or refinery fuel gas.
- 1195
- 1196 f) Individual process emission sources in the Village of Roxana are ~~still~~ subject to
- 1197 the emission limitation of Section 214.301 ~~despite notwithstanding~~ their inclusion
- 1198 in a source operations group.
- 1199
- 1200 g) ~~Despite Notwithstanding the provisions of~~ 35 Ill. Adm. Code 201.102 ~~of this~~
- 1201 ~~Chapter,~~ any physical change in any emission source subject to subsection (b),
- 1202 (c), (d), or (e) ~~of this Section~~ which alters the height of release, temperature or
- 1203 volumetric flow rate of the effluent gases of ~~thesuch~~ source, or alters the diameter
- 1204 of the exit stack ~~must, shall~~ be deemed a modification ~~under for the purposes of~~ 35
- 1205 Ill. Adm. Code 201.142 ~~of this Chapter.~~
- 1206
- 1207

(Source: Amended at 50 Ill. Reg. _____, effective _____)

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Section 214.383 Chemical Manufacturing

Section 214.301 ~~doesshall~~ not apply to existing hydrogen sulfide flares at a chemical manufacturing plant ~~if provided~~:

- a) ~~The Said~~ flares ~~operateare operative~~ on existing batch type processes; ~~and~~
- b) The hydrogen sulfide emissions being flared are not, as of September 11, 1975, passed through existing processes designed to remove sulfur compounds from the flue gases ~~underas provided in~~ Section 214.382(a); and
- c) The emission of ~~SO₂sulfur dioxide~~ into the atmosphere from ~~thesaid~~ flares does not exceed 500 ~~lbs/hrpounds per hour~~ and ~~3,5001bs3500 pounds~~ per eight-hour period (230 kg/hr and 1590 kg/8 hrs); ~~and~~
- d) ~~However, Provided, however, that~~ if emission controls for ~~thesaid~~ flares become economically reasonable and technically feasible, the owner/operator of ~~thesueh~~ hydrogen sulfide flares ~~mustshall~~ install ~~thesueh~~ controls.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.384 Sulfate and Sulfite Manufacturing

Section 214.301 ~~doesshall~~ not apply to sodium aluminum sulfate and sodium sulfite manufacturing process emission sources in the St. Louis (Illinois) major metropolitan area.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART P: STONE, CLAY, GLASS
AND CONCRETE PRODUCTS

Section 214.401 Glass Melting and Heat Treating

Section 214.301 ~~doesshall~~ not apply to:

- a) Glass melting furnaces in the Chicago or St. Louis (Illinois) major metropolitan areas.
- b) Glass heat treating with ~~SO₂sulfur dioxide~~ in the St. Louis (Illinois) major metropolitan area.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

1251

1252 **Section 214.402 Lime Kilns**

1253

1254 Despite Section 214.304 ~~notwithstanding~~, lime kilns (Standard Industrial Code 32) are not
 1255 subject to limitations for SO₂sulfur dioxide emission.

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

1258

SUBPART Q: PRIMARY AND SECONDARY

1259

METAL MANUFACTURING

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Section 214.421 Combination of Fuels at Steel Mills in Metropolitan Areas

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- a) Despite Section 214.162 ~~notwithstanding~~, ~~and~~ person ~~must not~~ shall cause or allow the emission of SO₂sulfur dioxide into the atmosphere in any ~~one-hour~~ one hour period from any existing fuel combustion emission source at a steel mill located in the Chicago or St. Louis (Illinois) major metropolitan area burning any solid, liquid or gaseous fuel, or any combination ~~of them~~ thereof, to exceed the allowable emission rate determined by the following equation:

1271

$$E = S_S H_S + S_d H_d + S_R H_R + S_G H_G$$

1272

1273

1274

- b) Symbols in the equation mean ~~the following~~:

- E = allowable SO₂sulfur dioxide emission rate;
- S_S = Applicable solid fuel SO₂sulfur dioxide emission standard ~~which is applicable~~;
- S_d = distillate oil SO₂sulfur dioxide emission standard determined from the table in subsection (d);
- S_R = ~~applicable~~ residual oil SO₂sulfur dioxide emission standard ~~which is applicable~~;
- S_G = maximum by-product gas SO₂sulfur dioxide emissions which would result if the applicable by-product gas which was burned had been burned alone at any time during the 12 months preceding the latest operation, on or before March 28, 1983, of an emission source using any by-product gas;
- H_S = actual heat input from solid fuel;
- H_d = actual heat input from distillate fuel oil;
- H_R = actual heat input from residual fuel oil;
- H_G = actual heat input from by-product gases, such as those produced from a blast furnace.

1275

1276

- c) The ~~That~~ portion of the actual heat input ~~that is~~ derived from:

- 1277
- 1278 1) ~~TheFrom the~~ burning of gaseous fuels produced by the gasification of
- 1279 solid fuels ~~mustshall~~ be included in H_S;
- 1280
- 1281 2) ~~TheFrom the~~ burning of gaseous fuels produced by the gasification of
- 1282 distillate fuel oil ~~mustshall~~ be included in H_d;
- 1283
- 1284 3) ~~TheFrom the~~ burning of gaseous fuels produced by the gasification of
- 1285 residual fuel oil ~~mustshall~~ be included in H_R; and
- 1286
- 1287 4) ~~TheFrom the~~ burning of gaseous fuels produced by the gasification of any
- 1288 other liquid fuel ~~mustshall~~ be included in H_G.

1289

1290 d) ~~The equation in subsection (a) may use the following metricMetric~~ or English

1291 ~~units may be used in the equation of subsection (a) as follows:~~

1292

<u>Parameter</u>	<u>Metric</u>	<u>English</u>
E	kg/hr	lbs/hr
S _S , S _R , S _G	kg/MW-hr	lbs/ MMbtummmBtu 0.3
S _d beforeprior to January 1, 2017	0.46 kg/MW-hr	lbs/ MMbtummmBtu 0.0015
S _d on and after January 1, 2017	0.0023 kg/MW-hr	lb/ MMbtummmBtu
H _S , H _d , H _R , H _G	MW	MMbtummmBtu

1293 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1294

1295

1296 **Section 214.422 Secondary Lead Smelting in Metropolitan Areas**

1297

1298 Section 214.301 ~~doesshall~~ not apply to secondary lead smelting process emission sources in the

1299 Chicago or St. Louis (Illinois) major metropolitan areas.

1300

1301 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1302

1303 **Section 214.423 Slab Reheat Furnaces in St. Louis Area**

1304

1305 ~~Despite~~ Section 214.304 ~~notwithstanding~~, slab reheat furnaces in the St. Louis (Illinois) major

1306 metropolitan area with fuel burning capacities ~~exceeding in excess of~~ 650 ~~MMbtummmBtu~~/hr and

1307 burning any residual fuel ~~are~~ shall not be subject to the applicable Subpart B through F ~~if so long~~

1308 as the total ~~SO₂sulfur dioxide~~ emissions ~~resulting from the burning of~~ residual fuel oil in all

1309 ~~thesesueh~~ furnaces at any one steel mill do not exceed 730 lbs/hr.

1310

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART V: ELECTRIC POWER PLANTS

Section 214.521 Winnetka Power Plant (Repealed)

~~Notwithstanding Sections 214.101 and 214.141, the Village of Winnetka Electric Utility Plant shall not cause or allow the emission of sulfur dioxide into the atmosphere in any one hour period from its existing fuel combustion sources, burning solid fuel exclusively, to exceed 5.7 pounds of sulfur dioxide per mmbtu of actual heat input (8.8 kg/MW-hour). Compliance with this limitation shall be demonstrated on the basis of a daily average.~~

(Source: Repealed at 50 Ill. Reg. _____, effective _____)

SUBPART X: UTILITIES

Section 214.560 Scope (Repealed)

~~a) This Subpart contains rules which modify the general sulfur emission rules of Subparts A through M as applied to a given industry or at a given site. General rules include:~~

- ~~1) Subparts B through I: Fuel Combustion emission sources and incinerators;~~
- ~~2) Subparts K through M: Process emission sources.~~

~~b) These rules have been grouped for the convenience of the public; the scope of each is determined by its language and history. Rules placed in this Subpart include those which appear to be primarily directed at the following major industry groups: electric, gas and sanitary services.~~

(Source: Repealed at 50 Ill. Reg. _____, effective _____)

Section 214.561 E. D. Edwards Electric Generating Station (Repealed)

~~Sulfur dioxide emissions from Boiler Nos. 1, 2, and 3 at the Edwards Station may not exceed the limits listed in this Section. CILCO must determine compliance with these limits on a daily basis using the sulfur dioxide methodology of the Phase II Acid Rain Program set forth in 40 CFR 75.~~

~~a) The average sulfur dioxide emissions from Boiler Nos. 1, 2, and 3, as a group may not exceed 4.71 pounds per million British thermal units (lb/mmBtu) of actual heat input;~~

- b) ~~The average sulfur dioxide emissions from any one boiler may not exceed 6.6 lb/mmBtu of actual heat input; and~~
- e) ~~Sulfur dioxide emissions for all three boilers, as a group, may not exceed 34,613 pounds per hour, on a 24-hour average basis.~~

(Source: Repealed at 50 Ill. Reg. _____, effective _____)

Section 214.562 Coffeen Generating Station (Repealed)

- a) ~~The emission standards of this subsection shall apply only if the requirements of subsections (b), (c), and (d) are fulfilled. Notwithstanding any other limitation contained in this Part, whenever the coal burned is mined exclusively from the mine that is presently known as Monterey Coal Company's No. 1 Mine located south of Carlinville, emission of sulfur dioxide from Units 1 and 2 at the Central Illinois Public Service Company's (CIPS) Coffeen Generating Station (Coffeen), located in Montgomery County, shall not exceed either of the following emission standards:~~
 - 1) ~~29,572 kilograms of sulfur dioxide in any one hour (65,194 lbs/hr); and~~
 - 2) ~~11.29 kilograms of sulfur dioxide per megawatt-hour of heat input (7.29 lbs/mmbtu).~~
- b) ~~CIPS shall conduct an ambient sulfur dioxide monitoring and dispersion modeling program designed to demonstrate that the emission standards of subsection (a) will not cause or contribute to violations of any applicable primary or secondary sulfur dioxide ambient air quality standard as set forth in Section 243.122. Such ambient monitoring and dispersion modeling program shall be operated for at least one year commencing no later than 6 months after Coffeen is legally able and begins to operate at an emission rate greater than 55,555 pounds of sulfur dioxide per hour.~~
- e) ~~No more than 15 months after the commencement of the ambient monitoring and dispersion modeling program of subsection (b), CIPS shall apply for a new operating permit. CIPS shall submit to the Environmental Protection Agency (Agency), at the time of the application, a report containing the results of the ambient monitoring and dispersion modeling program of subsection (b) and the results of all relevant stack tests conducted prior to the report's submission.~~
- d) ~~No later than six months after Coffeen is legally able and begins to operate at an emission rate greater than 55,555 pounds of sulfur dioxide per hour, a stack test~~

shall be conducted in accordance with Section 214.101(a), in order to determine compliance with emission standards set forth in subsection (a). After the stack test is conducted, the results shall be submitted to the Agency within 90 days. The requirements of this subsection do not preclude the Agency from requiring additional stack tests.

(Source: Repealed at 50 Ill. Reg. _____, effective _____)

SUBPART AA: REQUIREMENTS FOR CERTAIN SO₂ SOURCES

Section 214.600 Definitions

~~The~~For purposes of this Subpart, the following definitions apply of this Subpart. Unless a different meaning for a term is clear from its context, all terms not defined in this Section have the meanings ~~given to them~~ in the Illinois Environmental Protection Act and in 35 Ill. Adm. Code 201 and 211.

"Agency" means the Illinois Environmental Protection Agency.

"Aventine Renewable Energy" means the ethanol production source located at ~~or near~~ 1300 S. 2nd Street, Pekin ~~IL~~.

"Illinois Power Resources Generating E.D. Edwards" means the electrical power generation source located at ~~or near~~ 7800 S. Cilco Lane, Bartonville ~~IL~~.

"Ingredion Bedford Park" means the corn wet milling source located at ~~or near~~ 6400 S. Archer Road, Bedford Park ~~IL~~.

"Midwest Generation Joliet" means the electrical power generation source located at ~~or near~~ 1800 Channahon Road, Joliet ~~IL~~.

"Midwest Generation Powerton" means the electrical power generation source located at ~~or near~~ 13082 E. Manito Road, Pekin ~~IL~~.

"Midwest Generation Will County" means the electrical power generation source located at ~~or near~~ 529 E. 135th, Romeoville ~~IL~~.

"Owens Corning" means the asphalt and roofing products manufacturing source located at ~~or near~~ 5824 S. Archer Road, Summit ~~IL~~.

"Oxbow Midwest Calcining" means the petroleum coke product source located at ~~or near~~ 12308 S. New Avenue, Lemont ~~IL~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.601 Applicability

- a) This Subpart applies to the following sources:
 - 1) Aventine Renewable Energy;
 - 2) Illinois Power Resources Generating E.D. Edwards;
 - 3) Ingredion Bedford Park;
 - 4) Midwest Generation Joliet;
 - 5) Midwest Generation Powerton;
 - 6) Midwest Generation Will County;
 - 7) Owens Corning; and
 - 8) Oxbow Midwest Calcining.
- b) Once a source is subject to this Subpart, it is always subject to this Subpart, regardless of change in ownership or unit designation, or any other modification at the source.
- c) Nothing in this Subpart relieves a source of the obligation to comply with the air quality standards ~~set forth~~ in 35 Ill. Adm. Code 243, or with any other applicable requirement ~~set forth~~ in this Part.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.602 Compliance Deadline

On and after January 1, 2017, the owner or operator of a source identified in Section 214.601(a) must comply with ~~the provisions in~~ this Subpart.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.603 Emission Limitations

The owner or operator of a source must comply with the following emission limitations, as applicable, expressed in terms of pounds of SO₂ emitted per clock hour.

1483			
1484	a)	Aventine Renewable Energy	lb/hr
1485			
1486		1) Cyclone East controlling First	0.27
1487		Germ Drying System	
1488			
1489		2) Cyclone West controlling First	0.37
1490		Germ Drying System	
1491			
1492		3) Second Germ Drying System	0.01
1493			
1494		4) Gluten Dryer 4	3.12
1495			
1496		5) Gluten Dryer 9	10.50
1497			
1498		6) Germ Dryer 1	4.98
1499			
1500		7) Germ Dryer 3	4.26
1501			
1502		8) Yeast Dryer	1.50
1503			
1504		9) Scrubber controlling Steep	1.79
1505		Acid Tower	
1506			
1507		10) Biogas Flare	0.001
1508			
1509		11) Boiler A	0.00
1510			
1511		12) Boiler B	0.00
1512			
1513		13) Boiler C	0.00
1514			
1515	b)	Illinois Power Resources Generating	
1516		E.D. Edwards	lb/hr
1517			
1518		1) Units 1 and 2 combined	2100.00
1519			
1520		2) Unit 3	2756.00
1521			
1522		3) Unit 3, if both Units 1 and 2	4000.00
1523		permanently shut down	
1524			
1525	c)	Ingredion Bedford Park	lb/hr

1526			
1527	1)	Feed Transport System	24.38
1528			
1529	2)	Wet Milling: Inside In-Process	107.26
1530		Tanks	
1531			
1532	3)	Wet Milling: Molten Sulfur Burner	7.01
1533		and Absorption System	
1534			
1535	4)	Wet Milling: Outside In-Process	2.69
1536		Tanks	
1537			
1538	5)	Germ Processing Facility Channel 1	13.36
1539		System	
1540			
1541	6)	Germ Processing Facility Channel 2	7.07
1542		System	
1543			
1544	7)	Germ Processing Facility Channel 3	7.07
1545		System	
1546			
1547	8)	Germ Processing Facility Channel 4	7.07
1548		System	
1549			
1550	d)	Midwest Generation Joliet	lb/hr
1551			
1552	1)	Joliet 9: Unit 6	189.82
1553			
1554	2)	Joliet 29: Unit 7	323.29
1555			
1556	3)	Joliet 29: Unit 8	342.15
1557			
1558	e)	Midwest Generation Powerton	lb/hr
1559			
1560	1)	Boilers 51, 52 (Unit 5) and 61, 62	3452.00
1561		(Unit 6) combined	
1562			
1563	2)	The owner or operator must comply with the emission limitation <u>underset</u>	
1564		<u>forth in</u> subsection (e)(1) on a 30-operating day rolling average basis. For	
1565		<u>purposes of</u> this Subpart, an operating day is a calendar day in which any	
1566		emission unit <u>addressed</u> in subsection (e)(1) combusts any fuel;	
1567			

1568 3) Within 24 hours after the end of each averaging period, the owner or
 1569 operator must use the following equation to determine the combined SO₂
 1570 emission rate of the emission units ~~addressed~~ in subsection (e)(1) for each
 1571 averaging period, which concludes at the end of each operating day. The
 1572 SO₂ emission rate must not exceed the limitation ~~set forth~~ in subsection
 1573 (e)(1):
 1574

$$E_{avg} = \frac{\sum_{h=1}^n E_h}{n}$$

1575

1576

1577

1578

Where:

1579

E_{avg} = SO₂ emission rate for the averaging period, in lb/hr.

1580

1581

E_h = SO₂ emission rate for stack operating hour "h" in the averaging
 1582 period. For ~~purposes of~~ this Subpart, a stack operating hour is
 1583 a clock hour in which valid data is obtained, and in which
 1584 gases flow through the monitored stack or duct for the emission
 1585 units ~~addressed~~ in subsection (e)(1) ~~for either~~ (either for part of
 1586 the hour or for the entire hour) while at least one of the units is
 1587 combusting fuel.

1588

1589

n = Number of stack operating hours in the averaging period in
 1590 which valid data is obtained.

1591

1592

4) The SO₂ emission rate for the emission units ~~addressed~~ in subsection
 1593 (e)(1) must not exceed 6,000 lb/hr in more than 5% of the stack operating
 1594 hours ("n" in the equation in subsection (e)(3)) in any averaging period.

1595

1596

f) Midwest Generation Will County lb/hr

1597

1598

1) Unit 3 145.14

1599

1600

2) Unit 4 5000.00

1601

1602

g) Owens Corning lb/hr

1603

1604

1) Preheater Incinerator System 1, including 44.69

1605

1606

emissions from: Storage Tanks 9, 9A, 10,
 10A, 11, 17, 18, 19, 20, 40, 41, 42, and 43;
 Loading Racks 1, 2, and 9; and Convertors
 10 and 11

1607

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1609			
1610	2)	Preheater Incinerator System 3, including	27.23
1611		emissions from: Converters 8, 9, 12,	
1612		13, 14, and 15; and Loading Racks 1, 2,	
1613		and 9	
1614			
1615	3)	Regenerative Thermal Oxidizer 3	4.33
1616		controlling: Storage Tanks 27, 28, 31,	
1617		32, 33, 34, 35, and 36	
1618			
1619	4)	Regenerative Thermal Oxidizer 4	6.38
1620		controlling: Storage Tank 98; Loading	
1621		Rack PV1	
1622			
1623	5)	Coating Operations combined	0.15
1624			
1625	h)	Oxbow Midwest Calcining	lb/hr
1626			
1627		All Calcining Units combined	187.00
1628			

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 214.604 Monitoring and Testing

- 1633 a) The owner or operator of a source must, for each emission unit at the source ~~that~~
1634 ~~is addressed~~ in Section 214.603, demonstrate compliance with the applicable
1635 emission limitations in Section 214.603 ~~through~~ ~~via~~ the monitoring and testing
1636 requirements ~~ofset forth in~~ this Section.
- 1637
- 1638 b) The owners or operators of the following sources must, for each emission unit at
1639 the source ~~that is addressed~~ in Section 214.603, install, calibrate, maintain, and
1640 operate a continuous emissions monitoring system for the measurement of SO₂
1641 emissions in ~~compliance~~ ~~accordance~~ with 40 CFR 75 (except 40 CFR 75.31
1642 through 34), incorporated by reference in Section 214.104, and subsection (d), or
1643 ~~use~~ ~~utilize~~ an alternative monitoring method available to the emission unit under
1644 40 CFR 75:
- 1645
- 1646 1) Illinois Power Resources Generating E.D. Edwards;
 - 1647
 - 1648 2) Midwest Generation Joliet;
 - 1649
 - 1650 3) Midwest Generation Powerton; and
 - 1651

- 1652 4) Midwest Generation Will County.
- 1653
- 1654 c) The owner or operator of all sources not ~~addressed~~ in subsection (b) must, for
- 1655 each emission unit at the source ~~that is addressed~~ in Section 214.603, either
- 1656 conduct performance testing in ~~compliance~~ with subsection (e) or
- 1657 install, calibrate, maintain, and operate a continuous emissions monitoring system
- 1658 for the measurement of SO₂ emissions in ~~compliance~~ with 40 CFR 60
- 1659 or 40 CFR 75 (except 40 CFR 75.31 through 34), incorporated by reference in
- 1660 Section 214.104, and subsection (d) ~~of this Section~~.
- 1661
- 1662 d) The owner or operator of a source with an emission unit demonstrating
- 1663 compliance ~~with through the use of~~ a continuous emissions monitoring system
- 1664 must comply with the following for each unit:
- 1665
- 1666 1) If two or more of the emission units ~~addressed~~ in Section 214.603 are
- 1667 served by a common stack, the owner or operator may ~~use~~ a single
- 1668 continuous emissions monitoring system for those units;
- 1669
- 1670 2) If the owner or operator of an emission unit subject to Section 214.604(c)
- 1671 changes the method of demonstrating compliance for that unit from
- 1672 performance testing to ~~use of~~ a continuous emissions monitoring system,
- 1673 the owner or operator must install, calibrate, and begin operating the
- 1674 continuous emissions monitoring system on or before the performance
- 1675 testing deadline ~~under determined in accordance with~~ subsection (e)(2);
- 1676 and
- 1677
- 1678 3) ~~Missing data substitution under The provisions in~~ 40 CFR 75.31 through
- 1679 34 ~~regarding missing data substitution~~ must not be used ~~to demonstrate for~~
- 1680 ~~purposes of demonstrating~~ compliance with ~~the requirements set forth in~~
- 1681 this Subpart.
- 1682
- 1683 e) The owner or operator of a source with an emission unit demonstrating
- 1684 compliance through performance testing must comply with the following for each
- 1685 unit. All testing done ~~under pursuant to~~ this Section must be conducted at the
- 1686 owner's or operator's own expense:
- 1687
- 1688 1) Conduct an initial performance test after January 1, 2015 and ~~before prior~~
- 1689 ~~to~~ January 1, 2017. If the owner or operator of an emission unit subject to
- 1690 Section 214.604(c) changes the method of demonstrating compliance for
- 1691 that unit from ~~use of~~ a continuous emissions monitoring system to
- 1692 performance testing, the owner or operator must demonstrate compliance
- 1693 by conducting an initial performance test ~~before prior to~~ discontinuing the
- 1694 continuous emissions monitoring system;

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- 2) Conduct subsequent performance tests at least once every ~~five~~5 years from the date of the last performance test. The date of the initial performance test conducted ~~underpursuant to~~ subsection (e)(1) begins the ~~five-year~~5-year period;
 - 3) Conduct additional performance testing when, in the opinion of the Agency or USEPA, that testing is necessary to demonstrate compliance with ~~the requirements in~~ Section 214.603. The test must be conducted within 90 days after ~~receiving receipt of~~ a notice to test from the Agency or USEPA, unless the notice specifies an alternative testing deadline;
 - 4) Submit a testing protocol as described in USEPA's Emission Measurement Center Guideline Document (GD-042), incorporated by reference in Section 214.104, to the Agency at least 45 days ~~before prior to~~ a scheduled emissions test, unless the Agency waives that deadline ~~is waived in writing by the Agency~~;
 - 5) Submit a written notification of a scheduled emissions test to the Agency at least 30 days ~~before prior to~~ the test date and again ~~five~~5 days ~~before prior to~~ testing, unless the Agency waives those deadlines ~~are waived in writing by the Agency~~. If, after sending the 30 days' notice of a test ~~is sent~~, there is a delay in conducting the test as scheduled (e.g., due to operational problems), the owner or operator must notify the Agency as soon as practicable of the delay, either by providing at least ~~seven~~7 days' notice of the rescheduled test date or by arranging a new test date with the Agency by mutual agreement;
 - 6) Conduct each performance test using Method 1, 2, 3, 4, 6, 6A, 6B, 6C, or 19, incorporated by reference in Section 214.104, or other alternative USEPA methods approved by the Agency. Each test must consist of at least ~~three~~3 separate runs, each lasting a minimum of 60 minutes, and must be conducted during conditions representative of maximum SO₂ emissions. Compliance with the applicable limitation in Section 214.603 must be determined in ~~compliance accordance~~ with 35 Ill. Adm. Code 283;
 - 7) Conduct a separate performance test for each fuel if the unit has combusted more than one type of fuel in the prior year, ~~a separate performance test is required for each fuel~~; and
 - 8) ~~After~~Subsequent to each performance test used to demonstrate compliance, continue operating the emission unit within the parameters

1737 enumerated in the testing results submitted to the Agency for each test,
1738 and monitor the parameters regularly to ensure ongoing compliance.
1739

1740 (Source: Amended at 50 Ill. Reg. _____, effective _____)
1741

1742 **Section 214.605 Recordkeeping and Reporting**
1743

1744 a) By January 1, 2017, the owner or operator of a source must submit to the Agency
1745 the following:

1746
1747 1) A certification that the source will be in compliance with ~~the provisions in~~
1748 this Subpart by January 1, 2017;

1749
1750 2) For a source with an emission unit demonstrating compliance through
1751 performance testing:

1752
1753 A) The results of the initial performance test conducted ~~underpursuant~~
1754 ~~to~~ Section 214.604(e)(1);

1755
1756 B) The calculations necessary to demonstrate that the emission unit
1757 will be in initial compliance; and

1758
1759 C) A description of the measures the source will take to ensure the
1760 emission unit continues to operate within the parameters
1761 ~~enumerated~~ in the testing results submitted to the Agency for each
1762 test used to demonstrate compliance, including how those
1763 parameters will ensure ongoing compliance with the applicable
1764 limitation in Section 214.603 and the specific monitoring
1765 procedures that will be implemented for each parameter;

1766
1767 3) For a source with an emission unit demonstrating compliance ~~withthrough~~
1768 ~~the use of~~ a continuous emissions monitoring system, a certification of the
1769 installation and operation of the continuous emissions monitoring system
1770 and the monitoring data necessary to demonstrate that the emission unit
1771 will be in initial compliance;

1772
1773 4) For a source with an emission unit demonstrating compliance ~~withthrough~~
1774 ~~the use of~~ an alternative monitoring method under 40 CFR 75, a
1775 description of the alternative monitoring method being used and the
1776 monitoring data necessary to demonstrate that the emission unit will be in
1777 initial compliance; and
1778

- 1779 5) A description of the method or methods the source will use to comply with
 1780 all applicable emission limitations in Section 214.603, including a
 1781 description of all control devices used and, for sources with emission units
 1782 demonstrating compliance through performance testing, the operating
 1783 parameters for those devices.
 1784
- 1785 b) The owner or operator of a source must keep and maintain records that
 1786 demonstrate ongoing compliance with ~~the requirements of this~~ Subpart. The
 1787 records must include the following:
 1788
- 1789 1) The calendar date of the record;
 1790
- 1791 2) Reports for all performance tests conducted ~~underpursuant to~~ Section
 1792 214.604(e), including the date of the test and the results;
 1793
- 1794 3) A log of the date, time, nature, and results of all parametric monitoring
 1795 conducted ~~underpursuant to~~ Section 214.604(e)(8);
 1796
- 1797 4) For each SO₂ continuous emissions monitoring system, a log indicating
 1798 any periods when the device was not in service, maintenance and
 1799 inspection activities performed on the device, and all information
 1800 necessary to demonstrate compliance with the monitoring requirements in
 1801 Section 214.604;
 1802
- 1803 5) The date, time, and duration of any malfunction in the operation of an
 1804 emission unit ~~addressed~~ in Section 214.603 or any SO₂ control equipment
 1805 for that unit, if the malfunction causes an exceedance of any applicable
 1806 emission limitation in Section 214.603, and the date, time, and duration of
 1807 any malfunction in the operation of any SO₂ emissions monitoring
 1808 equipment for that unit. The records must include a description of the
 1809 malfunction, the probable cause of the malfunction, the date and nature of
 1810 the corrective action taken, and any preventative action taken to avoid
 1811 future malfunctions;
 1812
- 1813 6) A log of all inspections, cleaning, maintenance, and repair activities
 1814 performed on SO₂ control equipment for an emission unit ~~addressed~~ in
 1815 Section 214.603, including the date and nature of those activities. The log
 1816 must indicate any changes made to the control equipment, including
 1817 removal or replacement of the equipment; and
 1818
- 1819 7) For emission units subject to ~~the emission limitation in~~ Section
 1820 214.603(e), the SO₂ emission rate of the units for each averaging period
 1821 and supporting calculations.

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- c) Except as otherwise indicated in this Subpart, the owner or operator of a source with an emission unit demonstrating compliance through performance testing must submit the results of all tests conducted ~~underpursuant to~~ Section 214.604(e) within 60 days after ~~completingcompletion of~~ the test.

- d) The owner or operator of a source must notify the Agency at least 30 days ~~beforeprior to~~ changing the method of demonstrating compliance for an emission unit ~~addressed~~ in Section 214.603. The owner or operator must also comply with the following, as applicable:
 - 1) For an emission unit changing the method of demonstrating compliance from performance testing to ~~use of~~ a continuous emissions monitoring system, submit to the Agency a certification of the installation and operation of the continuous emissions monitoring system and the monitoring data necessary to demonstrate compliance. The submittal must be made within 30 days after beginning operation of the continuous emissions monitoring system, and on or before the performance testing deadline determined ~~underin accordance with~~ Section 214.604(e)(2);

 - 2) For an emission unit changing the method of demonstrating compliance from ~~use of~~ a continuous emissions monitoring system to performance testing, submit to the Agency before discontinuing operation of the continuous emissions monitoring system the following. ~~The submittal must be made prior to discontinuing operation of the continuous emissions monitoring system:~~
 - A) The results of the initial performance test conducted ~~underpursuant to~~ Section 214.604(e)(1);

 - B) The calculations necessary to demonstrate compliance; and

 - C) A description of the measures the source will take to ensure the emission unit continues to operate within the parameters ~~enumerated~~ in the testing results submitted to the Agency for each test used to demonstrate compliance, including how the parameters will ensure ongoing compliance with the applicable limitation in Section 214.603 and the specific monitoring procedures that will be implemented for each parameter;

 - 3) For an emission unit changing the method of demonstrating compliance from ~~use of~~ a continuous emissions monitoring system to an alternative monitoring method under 40 CFR 75, submit to the Agency before

1865 discontinuing operation of the continuous emissions monitoring system a
 1866 description of the alternative monitoring method being used and the
 1867 monitoring data necessary to demonstrate compliance. ~~The submittal must~~
 1868 be made prior to discontinuing operation of the continuous emissions
 1869 monitoring system.

1870
 1871 e) The owner or operator of a source must notify the Agency within 30 days after
 1872 discovering~~discovery of~~ deviations from any of the requirements in this Subpart
 1873 or any exceedance of an applicable emission limitation in Section 214.603. In At
 1874 minimum, and in addition to any information required by a source's
 1875 permit~~permitting obligations~~, the notification must describe~~include a description~~
 1876 of the deviations or exceedances, a discussion of the possible cause of the
 1877 deviations or exceedances and, any corrective actions taken, and any preventative
 1878 measures taken.

1879
 1880 f) The owner or operator of a source must maintain all records required by this
 1881 Section at the source for a minimum of five~~5~~ years, and provide copies of the
 1882 records to the Agency within 30 days after receiving~~receipt of~~ a request by the
 1883 Agency.

1884
 1885 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1886
 1887 **Section 214.APPENDIX A Rule into Section Table (Repealed)**

<u>R80-22</u>	<u>Old Chapter 2</u>	<u>Part 214</u>
204(a)	204(a)	214.121
204(b)	204(b)	214.122
204(e)	204(e)(1)(B)	214.142
204(d)	204(e)(1)(C)	214.143
204(e)(intro)	204(e)(intro)	214.182
204(e)(1)	204(e)(1)	214.183, Appendix C
204(e)(2)	204(e)(2)	214.184
204(e)(3)	204(e)(3)	214.185
204(e)(4)	204(e)(4)	214.186
204(f)(intro)	204(e)(1)(A)	214.141
204(f)(1)	-	214.141(a)
204(f)(2)	-	214.141(b)
204(g)	-	214.201
204(h)	204(e)(2)(A) and (B)	214.161
204(i)(1)	204(d)	214.162
204(i)(2)	-	214.421
204(j)(intro)	-	214.304

204(j)(1)	—	214.423
204(j)(2)	—	214.304
204(j)(3)	—	214.402
204(k)(intro)	204(f)(1)(A)	214.301
204(k)(1)(A)	204(f)(1)(C)	214.302
204(k)(1)(B)	204(f)(1)(D)	214.382(a)
204(k)(1)(C)	204(f)(1)(E)	214.383
204(k)(1)(D)	—	214.384(a)
204(k)(1)(E)	—	214.384(b)
204(k)(1)(F)	—	214.422
204(k)(1)(G)	—	214.401(a)
204(k)(1)(H)	—	214.401(b)
204(k)(2)	—	214.382(b)
204(k)(3)	—	214.381(e)
204(k)(4)	204(f)(1)(B)	214.381(a)
204(l)(1)	204(f)(2)(A)	214.381(b)
204(l)(2)	204(f)(2)(B)	214.303
204(m)	204(g)	214.101
204(n)	204(n)	Appendix D
204(o)	204(i)	214.181, 212.202

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Source: Repealed at 50 Ill. Reg. _____, effective _____)

Section 214.APPENDIX B Section into Rule Table (Repealed)

<u>Part 214</u>	<u>Old Chapter 2</u>	<u>R80-22</u>
214.100	—	Added in Codification
214.101	204(g)	204(m)
214.102	—	Added in Codification
214.103	—	Added in Codification
214.104	—	Added in Codification
214.120	—	Added in Codification
214.121	204(a)	204(a)
214.122	204(b)	204(b)
214.141	204(e)(1)(A)	204(f)
214.142	204(e)(1)(B)	204(e)
214.143	204(e)(1)(C)	204(d)
214.161	204(e)(2)(A)&(B)	204(h)
214.162	204(d)	204(i)(1)
214.181	204(i)	204(o)
214.182	204(e)(intro)	204(e)(intro)
214.183	204(e)(1)	204(e)(1)
214.184	204(e)(2)	204(e)(2)

214.185	204(e)(3)	204(e)(3)
214.186	-	204(e)(4)
214.201	-	204(g)
214.202	-	204(o)
214.300	-	Added in Codification
214.301	204(f)(1)(A)	204(k)(intro)
214.302	204(f)(1)(C)	204(k)(1)(A)
214.303	204(f)(2)(B)	204(l)(2)
214.304	-	204(j)(intro)&(2)
214.380	-	Added in Codification
214.381(a)	204(f)(1)(B)	204(k)(4)
214.381(b)	204(f)(2)(A)	204(l)(1)
214.381(c)	-	204(k)(3)
214.382(a)	204(f)(1)(D)	204(k)(1)(B)
214.382(b)	-	204(k)(2)
214.383	204(f)(1)(E)	204(k)(1)(C)
214.384	-	204(k)(1)(D)&(E)
214.400	-	Added in Codification
214.401	-	204(k)(1)(G)&(H)
214.402	-	204(j)(3)
214.420	-	Added in Codification
214.421	-	204(i)(2)
214.422	-	204(k)(1)(F)
214.423	-	204(j)(1)
<u>Part 214</u>	<u>Old Chapter 2</u>	<u>R80-22</u>
Appendix A	-	Added in Codification
Appendix B	-	Added in Codification
Appendix C	204(e)(1)	204(e)(1)
Appendix D	204(n)	204(n)

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(Source: Repealed at 50 Ill. Reg. _____, effective _____)

1898 Section 214. APPENDIX C Method ~~Used~~ to Determine Average Actual Stack Height
1899 and Effective Height of Effluent Release
1900

- Q = Heat emission rate (in btu/sec or Kcal/sec as determined by method outlined below).
- ΔH = Plume rise (in feet or meters).
- H = Physical height (in feet or meters) above grade of each stack, except that for ~~purposes of~~ this calculation, the value used for ~~such~~ stack height ~~must~~ shall not exceed good engineering practice as defined by Section 123 of the Clean Air Act and ~~regulations~~ Regulations promulgated ~~under it~~ thereunder, unless the owner or operator of the source demonstrates to the Agency that a greater height is necessary to prevent downwash or fumigation conditions.
- T = Exit temperature of stack gases (in degrees Rankine or degrees Kelvin) from each source during operating conditions which would cause maximum emissions.
- V = Exit velocity of stack gases (in feet/sec or meters/sec from each source under operating conditions which would cause maximum emissions).
- D = Diameter of stack (in feet or meters).
- P = Percentage of total emissions expressed as decimal equivalents emitted from each source. (Example: 21% = 0.21.) NOTE: The sum of P₁ + P₂ ... + P_n = 1. The emission values to be used are those which occur during operating conditions which would cause maximum emissions.
- H_A = Average actual stack height (in feet or meters).
- H_E = Effective height of effluent release (in feet or meters).

1901
1902 STEP 1: Determine weighted average stack parameters ~~using~~ utilizing the following formulae:
1903

$$D = P_1 D_1 + P_2 D_2 + \dots + P_n D_n$$

$$V = P_1 V_1 + P_2 V_2 + \dots + P_n V_n$$

$$T = P_1 T_1 + P_2 T_2 + \dots + P_n T_n$$

$$H_A = P_1 H_1 + P_2 H_2 + \dots + P_n H_n$$

1904

1905 NOTE:

1906

1907 P₁, D₁, V₁, T₁, and H₁ are the percentage of total emissions, stack diameter, exit velocity of gases,
 1908 exit temperature of stack gases, and physical stack height, respectively, for the first source; P₂,
 1909 D₂, V₂, T₂, and H₂ are the respective values for the second source; similarly, P_n, D_n, V_n, T_n, and
 1910 H_n are the respective values for the nth source, where n is the number of the last source.

1911

1912 STEP 2: Calculate heat emission rate usingutilizing the following formula and the weighted
 1913 average stack parameters obtained in Step 1:

1914

$$Q_H = 7.54D^2V \frac{(T-515)}{T} \quad (\text{in English units})$$

1915

$$Q_H = 66.8D^2V \frac{(T-286)}{T} \quad (\text{in Metric units})$$

1916 STEP 3: Calculate plume rise usingutilizing the appropriate formula given below and the total
 1917 heat emission rate obtained in Step 2:

1918

$$\Delta H = \frac{2.58(Q_H)^{0.6}}{(H_A)^{0.11}} \quad (\text{in English units for } Q_H \geq 6000 \text{ btu/sec})$$

1919

$$\Delta H = \frac{1.58(Q_H)^{0.6}}{(H_A)^{0.11}} \quad (\text{in Metric units for } Q_H \geq 1500 \text{ kcal/sec})$$

1920

$$\Delta H = \frac{0.718(Q_H)^{0.75}}{(H_A)^{0.11}} \quad (\text{in English units for } Q_H < 6000 \text{ btu/sec})$$

1921

$$\Delta H = \frac{0.54(Q_H)^{0.75}}{(H_A)^{0.11}} \quad (\text{in Metric units for } Q_H < 1500 \text{ kcal/sec})$$

1922

1923 STEP 4: Calculate the weighted average facility effective height of effluent release
 1924 usingutilizing the plume rise obtained in Step 3, the average stack height obtained in
 1925 Step 1, and the formula given below:

1926

$$H_E = H_A + \Delta H$$

1927 STEP 5: Calculate the total facility hourly emission limitation ~~using~~utilizing the weighted
 1928 actual stack height obtained in Step 1, the effective stack height given in Step 4, and
 1929 the following formula:
 1930

$$E = \frac{(H_A)^{0.11} (H_E)^2}{128} \quad (\text{in English units})$$

1931

$$E = 0.04347(H_A)^{0.11} (H_E)^2 \quad (\text{in Metric units})$$

1932
 1933 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 1934

1935 **Section 214.APPENDIX D Past Compliance Dates (Repealed)**
 1936

<u>Rule</u>	<u>Type of Source</u>	<u>Compliance Date</u>
204(b)	New fuel combustion emission sources.	April 14, 1972
204(e)	St. Louis (Illinois) and Peoria MMA's with actual heat input less than, or equal to, 250 million Btu per hour	
	(a) Sources determining that the 6.8 lbs/MMBTU standard shall apply	December 14, 1978
	(b) Sources determining that Rule 204(e) shall apply	See Rule 204(e)
204(d)	Existing sources outside the Chicago, St. Louis (Illinois) and Peoria MMA's with actual heat input greater than 250 million Btu per hour	See Rule 204(e)
204(e)(1) and (2)	Fuel combustion sources located outside Chicago, St. Louis (Illinois) and Peoria MMA's which obtain an alternate emission rate	December 14, 1978
	(a) If source is in compliance with the previous Rule 204(e) (effective April 14, 1972 until December 14, 1978) prior to December 14, 1978	Date of commencement of monitoring and modeling pursuant to Rule 204(e)(3)(C)
	(b) If source is not in compliance with the previous Rule 204(e) (effective from April 14, 1972 until December 14, 1978) prior to December 14, 1978	Date of approval of alternate standard
204(f)	Existing sources in the Chicago, St. Louis (Illinois) or Peoria MMA's burning solid fuel exclusively burning solid fuel exclusively which obtain an alternate emission rate	March 28, 1983

204(g)	Existing sources in the Chicago, St. Louis (Illinois) or Peoria MMA's burning solid fuel exclusively which obtain an alternate emission rate	Date of approval of alternate standard
204(h)	Existing sources burning liquid fuel exclusively	May 30, 1975
204(i)	Combination of fuels sources except at a steel mill	April 14, 1972
	Combination of fuels sources at a steel mill	March 28, 1983
204(j)	Fuel burning process emission sources	March 28, 1983
204(k)(1)(a)-(C)	Process emission sources	
	Existing sources	December 31, 1973
	New sources	December 14, 1978
204(k)(1)(D)-(H)	Process emission sources	March 28, 1983
204(k)(2) and (3)	New sources in the St. Louis (Illinois) MMA designed to remove sulfur compounds from the flue gases of petroleum and petrochemical processes and sulfuric acid manufacturing processes in the City of Chicago	March 28, 1983
204(l)	Sources having emissions of sulfuric acid mist	
	Existing sources	December 31, 1973
	New sources	December 14, 1978

1937
1938

(Source: Repealed at 50 Ill. Reg. _____, effective _____)

1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER c: EMISSION STANDARDS AND LIMITATIONS
5 FOR STATIONARY SOURCES
6

7 PART 228
8 ASBESTOS (REPEALED)
9

10 SUBPART A: GENERAL PROVISIONS
11

12	Section	
13	228.101	Authority
14	228.102	Policy
15	228.103	Definitions
16	228.104	Incorporations by Reference

17
18 SUBPART B: GENERAL REQUIREMENTS
19

20	Section	
21	228.121	Prohibition
22	228.123	Permit for Manufacture

23
24 SUBPART C: CONSTRUCTION, ALTERATION
25 AND REPAIR OF STRUCTURE
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27	Section	
28	228.131	Spray Asbestos Prohibited
29	228.132	Non-asbestos Spray Insulation
30	228.133	Enclosure for Asbestos Construction
31	228.134	No Visible Emission
32	228.135	Preclude Exposure to Circulating Air

33
34 SUBPART D: DEMOLITION
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38
39 SUBPART E: MANUFACTURING
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41	Section	
42	228.151	Emission Standards; Sampling and Counting Procedures
43	228.152	Venting of all Emissions to Central Sources

- 44 228.153 Inspection
- 45 228.154 Monitoring and Reporting
- 46 228.155 Process Wastewater Effluent Criteria
- 47 228.156 Sludge Disposal
- 48 228.157 Transportation of Asbestos-containing Products
- 49 228.158 No Visible Emission

50

51

SUBPART F: LOCAL ENFORCEMENT

52

53 Section

54 228.161 Obligation to Enforce

55

56 228.APPENDIX A Rule into Section Table

57 228.APPENDIX B Section into Rule Table

58 228.APPENDIX C Past Compliance Dates

59

60 AUTHORITY: Implementing Section 10 and authorized by Section 27 of the Environmental
61 Protection Act (Ill. Rev. Stat. 1981, ch. 111½, pars. 1010 and 1027).

62

63 SOURCE: Adopted as Chapter V: Hazardous Substances, Title I, Asbestos and Spray Insulation
64 and Fireproofing, R71-16, 3 PCB 461, January 6, 1972, filed and effective January 24, 1972;
65 Renumbered to Chapter 2: Air Pollution, Part VI: Asbestos and Spray Insulation and
66 Fireproofing, R72-10, filed and effective June 27, 1975; codified at 7 Ill. Reg. 13611; repealed in
67 R18-21 at 50 Ill. Reg. _____, effective _____.

68

69

SUBPART A: GENERAL PROVISIONS

70

71 **Section 228.101 Authority**

72

73 Pursuant to the authority in Sections 9, 10 and 13 of the Environmental Protection Act (Ill. Rev.
74 Stat. 1981, ch. 111½, pars. 1001 et seq.) (Act) which empower the Pollution Control Board
75 (Board) to adopt regulations forbidding the "sale, offer, or use for reasons of air pollution
76 control" of any article, and to set "standards specifying the maximum amounts or concentrations
77 of various contaminants that may be discharged into the atmosphere"; and to set standards for the
78 issuance of permits for the operation of any equipment or facility capable of causing or
79 contributing to air pollution; and to promulgate "conditions regarding the use of any. article
80 determined by the Board to constitute an air pollution hazard;" and to adopt effluent standards
81 limiting the amounts of contaminants that may be discharged into the water of Illinois, the Board
82 adopts the following rules and regulations.

83

84 **Section 228.102 Policy**

85

86

- a) It is the purpose of the General Assembly in adopting the Act to maintain and

87 enhance the purity of the air and water of Illinois in order to protect health,
88 welfare and the quality of life. Accordingly, it is hereby determined that the
89 uncontrolled discharge of asbestos fiber into the environment tends to severely
90 endanger the public health and welfare and that the uncontrolled spraying of fiber-
91 containing materials unreasonably interferes with the enjoyment of life and
92 property.

93
94 b) It is the purpose of these regulations to control the amount of asbestos fiber
95 released into the environment from the major sources of emission. Such control is
96 necessary not only to protect those members of the public who are in proximity to
97 heavy concentrations of asbestos fiber but also to safeguard the health of future
98 generations endangered by the continuous discharge of asbestos fiber which can
99 be toxic and which tends to be cumulative both in the atmosphere and in the
100 human body.

101
102 c) Where health can be protected by the adoption of an emission standard or of
103 procedural safeguards, such a course has been pursued. In those instances where
104 restriction is unfeasible because of the unusual nature of the emission source
105 (spray asbestos at construction sites) a product ban has been resorted to. This
106 prohibition has been made with full consideration given to the available
107 alternative materials.

108
109 d) It is also the purpose of these regulations to reduce the emission of non-asbestos
110 particulate from spray-fireproofing and insulation. To protect against these
111 emissions, the biological effects of which are unknown, procedural safeguards
112 have been enacted.

113
114 **Section 228.103 Definitions**

115
116 The terms which appear in this Part have the definitions specified in this Part and 35 Ill. Adm.
117 Code 201 and 211.

118
119 "Asbestos": Any fiber or any mixture containing fiber of hydrated silicate
120 mineral, which, on the basis of its crystalline structure, falls into one of two
121 categories:

122
123 pyroxenes – chrysotile fiber; or

124
125 amphiboles – crocidolite, amosite, tremolite, actinolite or anthophyllite
126 fiber.

127
128 "Commercial activity": Any activity done for hire or having financial profit as a
129 primary aim.

130
131 "Debris": Asbestos-containing waste produced by the demolition of a structure.

132
133 "Spraying": The pneumatic application of material used for fireproofing or
134 insulation.

135
136 "Waste": Any asbestos-containing matter which has been or is intended to be
137 discarded.

138
139 **Section 228.104 Incorporations by Reference**

140
141 The following materials are incorporated by reference:

- 142
143 a) ASME Power Test Code 27-1957, American Society of Mechanical Engineers,
144 United Engineering Center, 345 East 47th Street, New York, NY 10017.
145
146 b) Edwards, G. H., and Lynch, J. R., "The Method Used by the U. S. Public Health
147 Service for Enumeration of Asbestos Dust on Membrane Filters," Ann.
148 Occupational Hyg. (Oxford), 11(1):1-6, January, 1968.

149
150 **SUBPART B: GENERAL REQUIREMENTS**

151
152 **Section 228.121 Prohibition**

153
154 No commercial activity, not otherwise hereinafter prohibited, involving the potential discharge
155 of visible amounts of asbestos fiber or asbestos-containing materials into the ambient air from
156 the construction, alteration, repair or demolition of a structure or from the processing or
157 manufacturing of asbestos-containing products, shall be conducted unless the person or entity in
158 charge of such activity complies with the following:

- 159
160 a) Personnel shall be designated to exercise full-time supervisory authority over all
161 aspects of the activity from which the release of asbestos fiber into the
162 environment could result, in such a manner as to insure compliance with the
163 pertinent asbestos control regulations.
164
165 b) Each employee engaged in such activity shall complete a course of instruction on
166 the potential hazards of exposure to asbestos fiber, including the precautions that
167 must be observed to prevent or restrict the dispersion of asbestos fiber into the
168 environment.
169
170 c) Facilities shall be provided and procedures instituted and supervised that prevent
171 the removal from the site of visible amounts of asbestos-containing material on
172 the clothing of the employees.

- 173
174 d) Asbestos-containing wastes shall be immediately vacuumed or otherwise
175 collected where vacuuming is impossible, and shall be placed in a container
176 resistant to tearing or breaking under normal handling conditions, which shall be
177 tightly sealed and clearly marked as containing asbestos waste. Such containers
178 shall be placed directly upon a vehicle for disposal by burial at a sanitary landfill.
179 Exception: This subsection (d) shall not apply to the demolition of a structure,
180 except as provided in Section 229.141(d) and (e) or to the disposal of sludge
181 waste except as provided in Section 228.156.
182

183 **Section 228.123 Permit for Manufacture**

184
185 The manufacturing or processing of asbestos-containing products is prohibited unless the person
186 or entity in charge of such activity has obtained a permit from the Illinois Environmental
187 Protection Agency (Agency). Before obtaining such permit the applicant shall demonstrate
188 compliance with Section 228.121 and such additional standards as are hereinafter specifically
189 required.
190

191 **SUBPART C: CONSTRUCTION, ALTERATION**
192 **AND REPAIR OF STRUCTURE**

193
194 **Section 228.131 Spray Asbestos Prohibited**

195
196 The spraying of asbestos-containing material is prohibited.
197

198 **Section 228.132 Non-asbestos Spray Insulation**

199
200 Non-asbestos fibrous matter shall not be sprayed in an area open to the atmosphere unless the
201 following procedures are taken:
202

- 203 a) The entire floor or area to be sprayed shall be enclosed with plastic or plastic-
204 coated tarpaulins in a manner which shall preclude the escape of fiber-containing
205 material from the enclosure. All interior open areas such as elevator shafts and
206 stairwells shall be enclosed in a manner which shall prevent the escape of fiber-
207 containing material from the working area.
208
209 b) The entire sprayed area, all ledges and surfaces including tarpaulins within the
210 enclosure shall be thoroughly vacuumed upon completion of the spraying
211 operation and immediately before the enclosure is dismantled.
212

213 **Section 228.133 Enclosure for Asbestos Construction**

- 214
215 a) The cutting, trimming, fitting or stripping of asbestos-containing material in the

216 construction, alteration or repair of a structure which is done at the site of such
217 structure in an area open to the atmosphere shall be conducted within a special
218 enclosure designed to preclude the escape of asbestos fiber from the immediate
219 area of such enclosure.

220
221 b) The mechanical exhaustion of dust from such enclosure to the ambient air is
222 prohibited unless such exhaust system is equipped with a properly sized fabric
223 filter for dust collection or an equivalent device as approved by the Agency.
224

225 **Section 228.134 No Visible Emission**

226
227 Compliance with Sections 228.132 and 228.133 notwithstanding, visible emissions of fiber-
228 containing material in an area open to the atmosphere shall be considered a violation.
229

230 **Section 228.135 Preclude Exposure to Circulating Air**

231
232 Asbestos-containing material applied in the construction, alteration or repair of a structure shall
233 be coated with a sealant, provided with a cover or installed in some other manner so as to
234 preclude emission of the asbestos-containing material to the circulating air. Any plenum or other
235 structure coated with or containing asbestos-containing insulation and used in the circulation of
236 air in a building shall be thoroughly cleaned of all debris and waste insulation.
237

238 **SUBPART D: DEMOLITION**

239
240 **Section 228.141 Necessary and Practicable Safeguards**

241
242 Where the risk of public exposure to asbestos fiber from the dislodging of asbestos-containing
243 materials is present, no demolition of a structure shall be initiated unless all safeguards necessary
244 and practicable to reduce the emission of dust are taken. Such procedures shall include, but are
245 not necessarily limited to:
246

247 a) Boilers and pipes and steel members insulated or fireproofed with asbestos-
248 containing material shall be wetted and stripped before toppling of walls is begun.
249 This procedure shall be followed, where practicable, as to all other asbestos-lined
250 surfaces. Such asbestos waste shall be immediately bagged and disposed of in
251 accordance with Section 228.121(d).
252

253 b) When demolition by toppling occurs such reasonable enclosure for dust emission
254 control as is compatible with the character of the structure shall be employed.
255

256 c) Before the demolition or toppling of any section or wall of the structure, adequate
257 wetting to suppress the dust shall be employed.
258

- 259 d) Asbestos-containing debris shall not be dropped or thrown from any floor but
260 shall be transported by dust-tight chutes or buckets. Asbestos-containing debris in
261 chutes or buckets shall be sufficiently wetted to preclude dust dispersion at the
262 point of discharge.
263
- 264 e) All asbestos-containing debris shall be thoroughly wetted before loading into
265 trucks, other vehicles or containers. During transport such waste shall be
266 enclosed or covered so as to prevent dust dispersion. Asbestos-containing debris
267 shall be disposed by burial at a sanitary landfill.
268

269 **SUBPART E: MANUFACTURING**
270

271 **Section 228.151 Emission Standards; Sampling and Counting Procedures**
272

273 A factory, plant or enterprise which engages in the processing or manufacturing of any asbestos-
274 containing product shall discharge no visible emission of particulate matter from such
275 manufacturing or processing into the ambient air and shall emit no concentrations of asbestos
276 fiber into the ambient air in excess of 2 fibers per cubic centimeter of air.
277

- 278 a) Sampling of emissions shall be by the membrane filter method and according to
279 the procedures recommended in the ASME Power Test Code 27-1957, or other
280 procedures generally accepted by persons knowledgeable in the state of the art.
281
- 282 b) Counting shall be according to the procedure outlined in Edwards, G. H., and
283 Lynch, J. R., "The Method Used by the U. S. Public Health Service for
284 Enumeration of Asbestos Dust on Membrane Filters," Ann. Occupational Hyg.
285 (Oxford), 11(1):1-6, Jan. 1968; with 20 fields per sample, counted at random
286 using phase contrast microscopy at 430 x magnification and counting only fibers
287 5 microns or greater in length, with a length to breadth ratio of 3 to 1 or greater.
288

289 **Section 228.152 Venting of all Emissions to Central Sources**
290

291 Any factory, plant or enterprise which engages in the processing or manufacturing of any
292 asbestos-containing product shall control all asbestos handling facilities so that exhaust air can
293 be ducted through necessary air pollution control equipment and samples taken of the gases
294 which are emitted into the ambient air.
295

296 **Section 228.153 Inspection**
297

298 Any factory, plant or enterprise for which a permit is sought or has been granted pursuant to
299 Section 228.122 shall be subject to inspection by the Agency at any reasonable time, without
300 prior notice.
301

302 **Section 228.154 Monitoring and Reporting**

303
304 At a frequency to be determined by the Agency, any factory, plant or enterprise which engages in
305 the processing or manufacturing of any asbestos-containing product shall sample the exhaust
306 from such factory, plant or enterprise and submit the emission data to the Agency.

307
308 **Section 228.155 Process Wastewater Effluent Criteria**

309
310 A factory, plant or enterprise the manufacturing processes of which add asbestos fiber to water
311 shall not discharge such process wastewater to the sewers or waters of Illinois unless such
312 process wastewater is given the best available treatment consistent with technological feasibility
313 and economic reasonableness.

314
315 **Section 228.156 Sludge Disposal**

316
317 Waste sludge containing asbestos and collected from settling ponds shall be enclosed during
318 transport and shall be disposed by burial at a sanitary landfill.

319
320 **Section 228.157 Transportation of Asbestos-containing Products**

321
322 No product which may emit asbestos-fiber during its transportation shall be transported unless
323 such product is enclosed so as to preclude the emission of asbestos fiber into the ambient air.

324
325 **Section 228.158 No Visible Emission**

326
327 Notwithstanding compliance with Sections 228.156 and 228.157 the visible emission of
328 particulate matter in the course of such transportation shall be considered a violation.

329
330 **SUBPART F: LOCAL ENFORCEMENT**

331
332 **Section 228.161 Obligation to Enforce**

333
334 It shall be the obligation of local governments as well as the Agency to enforce by appropriate
335 means the requirements of Sections 228.121 and 228.156 through 228.158.

336

337 **Section 228.APPENDIX A Rule into Section Table**

338

<u>RULE</u>	<u>SECTION</u>
601	228.101
602	228.102
603	228.103
621	228.121
622	228.123
631	228.131
632	228.132
633	228.133
634	228.134
635	228.135
641	228.141
651	228.151
652	228.152
653	228.153
654	228.154
655	228.155
656	228.156
657	228.157
658	228.158
661	228.161

339

340

341 **Section 228.APPENDIX B Section into Rule Table**

342

<u>SECTION</u>	<u>RULE</u>
228.101	601
228.102	602
228.103	603
228.104	---
228.121	621
228.123	622
228.131	631
228.132	632
228.133	633
228.134	634
228.135	635
228.141	641
228.151	651
228.152	652
228.153	653
228.154	654
228.155	655
228.156	656
228.157	657
228.158	658
228.161	661

343

344

345 **Section 228.APPENDIX C Past Compliance Dates**

346

347

Rule 621

348 After June 30, 1972 commercial activities involving potential discharge of asbestos from the
349 construction, alteration, repair or demolition of a structure or from the processing or
350 manufacturing of asbestos-containing products were prohibited except in compliance with
351 certain requirements.

352

353

354

Rule 631

355 The spraying of asbestos-containing materials was prohibited after March 31, 1972.

356

357

358

Rule 651

359 After June 30, 1972, factories, plants or enterprises engaged in processing or manufacturing of
360 any asbestos-containing product were prohibited from discharging visible emissions of
361 particulate matter or concentrations of asbestos fiber in excess of 2 per cubic centimeter.

1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER f: TOXIC AIR CONTAMINANTS

5
6 PART 232
7 TOXIC AIR CONTAMINANTS (REPEALED)

8
9 SUBPART A: GENERAL PROVISIONS

10
11 Section
12 232.100 Introduction
13 232.110 Incorporations by Reference
14 232.120 Definitions
15 232.130 Applicability

16
17 SUBPART B: DETERMINATION OF A TOXIC AIR CONTAMINANT

18
19 Section
20 232.200 Characteristics for Determining a Toxic Air Contaminant

21
22 SUBPART C: PROCEDURES FOR EVALUATING CHARACTERISTICS
23 OF A TOXIC AIR CONTAMINANT

24
25 Section
26 232.300 Purpose
27 232.310 Procedures for Determining the Toxicity Score
28 232.320 Carcinogen Classification

29
30 SUBPART D: SOURCE IDENTIFICATION AND REPORTING REQUIREMENTS

31
32 Section
33 232.400 Purpose
34 232.410 Applicability
35 232.420 ITAC Source Report
36 232.421 Emissions Report Certification
37 232.423 Failure to Receive an ITAC Source Report
38 232.430 Emissions Report
39 232.440 Use of Available Data
40 232.450 Retention of Records/Additional Information
41 232.460 Reporting of Errors

42
43 SUBPART E: LISTING AND DELISTING

44
45 Section
46 232.500 Procedures for Listing and Delisting Toxic Air Contaminants
47 232.501 Listing of Federal Hazardous Air Pollutants, Great Lakes Commission Toxic
48 Compounds and Great Waters Program Toxic Compounds
49
50 232.APPENDIX A List of Toxic Air Contaminants
51 232.APPENDIX B Additional Procedures for Calculating the Chronic Toxicity Score
52 232.APPENDIX C Carcinogens (Categories A, B1, and B2) listed on the Integrated Risk
53 Information System (IRIS) as of December 31, 1989 (United States
54 Environmental Protection Agency, Office of Health and Environmental
55 Assessment)
56

57 AUTHORITY: Implementing Section 9.5 and authorized by Section 27 of the Environmental
58 Protection Act [415 ILCS 5/9.5 and 27].
59

60 SOURCE: Adopted in R90-1 at 16 Ill. Reg. 16592, effective October 18, 1992; amended in
61 R96-4 at 21 Ill. Reg. 6237, effective May 12, 1997; amended in R22-17 at 49 Ill. Reg. 6462,
62 effective April 23, 2025; repealed in R18-21 at 50 Ill. Reg. _____, effective _____.
63

64 SUBPART A: GENERAL PROVISIONS
65

66 **Section 232.100 Introduction**
67

68 This Part establishes a program to identify toxic air contaminants. This Part includes a list of
69 toxic air contaminants (Section 232.Appendix A), the procedures to determine a toxic air
70 contaminant and the procedures to amend the list.
71

72 **Section 232.110 Incorporations by Reference**
73

74 a) The following materials are incorporated by reference:
75

76 American Conference of Governmental Industrial Hygienists (ACGIH).
77 Threshold Limit Values and Biological Exposure Indices for 1989-90 (1989).
78 Document can be obtained from: 6500 Glenway Avenue, Building D-7,
79 Cincinnati, Ohio 45211-4438.
80

81 Good Laboratory Practice Standards, 21 CFR 58 (1990).
82

83 Good Laboratory Practice Standards, 40 CFR 160 (1989).
84

85 Good Laboratory Practice Standards, 40 CFR 792 (1990).
86

87 Organization for Economic Co-operation and Development (OECD). OECD
88 Guidelines For Testing of Chemicals, Appendix: Good Laboratory Practice
89 [c(81)30(Final)] (November, 1989). Document can be obtained from: OECD
90 Publications and Information Centre, 2001 L Street, N.W., Suite 700,
91 Washington, D.C. 20036-4095.

92
93 United States Department of Health and Human Services, Public Health Service,
94 National Toxicological Program (NTP). Fifth Annual Report on Carcinogens
95 (1989). Document can be obtained from: National Technical Information
96 Service, 5285 Port Royal Road, Springfield, Virginia 22161.

97
98 World Health Organization, International Agency for Research on Cancer
99 (IARC). Monographs on the Evaluation of Carcinogenic Risks to Humans,
100 Overall Evaluations of Carcinogenicity: An Updating of IARC Monographs
101 Volumes 1 to 42, Supplement 7 (1987). Document can be obtained from: WHO
102 Publications Centre USA, 49 Sheridan Avenue, Albany, New York 12210.

- 103
104 b) This Section incorporates no future editions or amendments.

105
106 **Section 232.120 Definitions**

107
108 The definitions of 35 Ill. Adm. Code 201 and 211 apply to this Part, as well as the definitions
109 contained in this Section. Where a definition contained in this Section is more specific than
110 those found in 35 Ill. Adm. Code 201 and 211, it must take precedence in application of this Part.

111
112 "ACGIH" means the American Conference of Governmental Industrial
113 Hygienists.

114
115 "Adverse health effect" means a health injury or disease that may be produced by
116 exposure to a contaminant. This includes any decrement in the function of an
117 organ or organ system or any subclinical organ lesion that is likely to lead to a
118 decrement in an organ or organ system function.

119
120 "Commercial fuel" means:

121
122 Any fuel offered for final sale for use in combustion processes;

123
124 Any gaseous or liquid fuel generated as a by-product at a source for which
125 the source has been issued an operating permit to use such fuel internally
126 in combustion processes, including internal combustion engines; or

127
128 Any waste derived fuel for which an operating permit has been issued and
129 which represents no more than five percent (.05) by weight on a daily

130 basis of total fuel used in combustion processes by a source.
131
132 "Critical gestation days" means the days during which the formation and
133 differentiation of organs and organ systems occurs during embryonic
134 development.
135
136 "Fugitive emissions" is defined according to 35 Ill. Adm. Code 203.1190.
137
138 "IARC" means the World Health Organization's International Agency for
139 Research on Cancer.
140
141 "IRIS" means the USEPA's Integrated Risk Information System.
142
143 "Illinois Toxic Air Contaminant" (ITAC) means any toxic air contaminant listed
144 under 35 Ill. Adm. Code 232, excluding, specifically: coke oven gas; any
145 hazardous air pollutant (HAP) now or hereafter listed under Section 112(b) of the
146 Clean Air Act (CAA) (1990); and any pollutant or contaminant listed as a
147 compound of concern under the Great Waters and Coastal Waters Program under
148 Section 112(m) of the CAA.
149
150 "ITAC Source Report" means the report that the Agency provides to the source
151 that lists data fields for the information required in the emissions report for
152 Subpart D of this Part, and contains the information, if any, that previously has
153 been reported to the Agency for those data fields.
154
155 "LC50" means the concentration in the air of a contaminant that kills, or is
156 estimated to kill, 50% (.50) of a population of laboratory animals where the
157 exposure is brief (8 hours or less) and where the route of exposure is inhalation.
158
159 "LD50" means the dose of a contaminant that kills, or is estimated to kill, 50%
160 (.50) of a population of laboratory animals where the route of exposure is
161 ingestion.
162
163 "Lowest observed adverse effect level" means the lowest experimentally
164 determined dose at which a statistically or biologically significant indication of
165 the toxic effect of concern is observed.
166
167 "Manufacture" means, for the purposes of Subpart D of this Part, to produce,
168 prepare, or compound a listed ITAC, and includes coincidental production of an
169 ITAC (e.g., as a by-product or impurity) as a result of the manufacture, processing
170 or otherwise use or treatment of one or more chemical substances not an ITAC.
171 An ITAC intentionally incorporated into a product is considered to be
172 manufactured.

- 173
- 174 "NTP" means the United States Department of Health and Human Services,
- 175 Public Health Services' National Toxicological Program.
- 176
- 177 "No observed effect" means the condition where no adverse health effect has been
- 178 detected.
- 179
- 180 "Otherwise use" means, for the purposes of Subpart D of this Part, any activity
- 181 involving a listed ITAC at a source that does not fall within the definition of
- 182 "manufacture" or "process."
- 183
- 184 "Process" means, for the purposes of Subpart D of this Part, the preparation of an
- 185 ITAC after its manufacture for distribution in commerce in the same physical
- 186 state as, or in a different form or physical state from, that in which it was received
- 187 by the source, or preparation that produces a change in physical state or chemical
- 188 form.
- 189
- 190 "Toxic air contaminant" (TAC) means a contaminant identified under Section
- 191 232.200 or Section 232.501 of this Part and listed in Appendix A of this Part.
- 192

193 **Section 232.130 Applicability**

194

195 The requirements of this Part do not apply to the following:

- 196
- 197 a) *Retail dry cleaning operations;*
- 198
- 199 b) *Retail and noncommercial storage and handling of motor fuels;*
- 200
- 201 c) *Combustion processes using only commercial fuel, including internal combustion*
- 202 *engines; and*
- 203
- 204 d) *Incidental or minor sources including laboratory-scale operations, and such*
- 205 *other sources or categories of sources which are determined by the Board to be of*
- 206 *minor significance. (Section 9.5(e) of the Act)*
- 207

208 **SUBPART B: DETERMINATION OF A TOXIC AIR CONTAMINANT**

209

210 **Section 232.200 Characteristics for Determining a Toxic Air Contaminant**

- 211
- 212 a) Contaminants found by the Board to be Toxic Air Contaminants pursuant to
- 213 subsections (b) or (c), below, shall be listed in Appendix A.
- 214
- 215 b) *A Toxic Air Contaminant is a contaminant which the Board finds may cause or*

216 *significantly contribute to an increase in mortality or an increase in serious*
217 *irreversible or incapacitating reversible illness, or may pose a significant threat*
218 *to human health. (Section 9.5(c) of the Act)*
219

- 220 c) The Board shall find that a contaminant is a Toxic Air Contaminant upon a
221 determination that:
222
- 223 1) The contaminant has a Toxicity Score of 3 or greater using the procedures
224 for determining the Toxicity Score described in Section 232.310; or
225
 - 226 2) The contaminant is classified as a carcinogen according to Section
227 232.320; and
228
 - 229 3) The contaminant meets the statutory definition set forth in subsection (b),
230 above.
231
- 232 d) Any person can petition the Board to list or delist a toxic air contaminant pursuant
233 to the requirements of Section 232.500. The Board will consider such a petition a
234 proposal for rulemaking subject to the requirements of 35 Ill. Adm. Code 102.
235

236 **SUBPART C: PROCEDURES FOR EVALUATING CHARACTERISTICS**
237 **OF A TOXIC AIR CONTAMINANT**
238

239 **Section 232.300 Purpose**
240

241 This Subpart identifies the procedures used to evaluate the characteristics of a toxic air
242 contaminant. The Agency will use these procedures in proposing to list or delist toxic air
243 contaminants in Section 232.Appendix A.
244

245 **Section 232.310 Procedures for Determining the Toxicity Score**
246

247 The Toxicity Score is the sum of the Acute Lethality Score and the Chronic Toxicity Score. The
248 Acute Lethality Score is a number which indicates a contaminant's potential to cause death. The
249 Chronic Toxicity Score is a number which indicates a contaminant's potential to cause adverse
250 health effects after chronic exposure.
251

- 252 a) Procedure for Determining the Acute Lethality Score
253
- 254 1) The Acute Lethality Score is derived from toxicological studies using
255 laboratory rats. One of two routes of exposure is used: inhalation or
256 ingestion. Values derived from inhalation are used in preference to values
257 derived from ingestion.
258

259 2) The Acute Lethality Score is derived from the following table:

260

Inhalation Concentration (LC50)	Acute Lethality Score
Less than: 500 mg/cu. m	3
500-4,999 mg/cu. m	2
5,000-50,000 mg/cu. m	1
Greater than: 50,000 mg/cu. m	0

261 or, if the above data are not available:

262

263

Ingestion Dose (LD50)	Acute Lethality Score
Less than: 500 mg/kg	3
500-499 mg/kg	2
500-5,000 mg/kg	1
Greater than: 5,000 mg/kg	0

264 b) Procedure for Determining the Chronic Toxicity Score

265 The Chronic Toxicity Score is the product of the Lowest Toxic Dose Score and

266 the Severity of Effects Score.

267 1) Procedure for Determining the Lowest Toxic Dose Score

268 The Lowest Toxic Dose Score is a number based upon the lowest

269 dose of a contaminant that causes an observable adverse health

270 effect. The Lowest Toxic Dose Score is derived from the

271 following table:

272

273

274

275

Dose	Lowest Toxic Dose Score
Less than: 5 mg/kg	1
5-50 mg/kg/day	2/3
Greater than: 50 mg/kg/day	1/3

276 2) Procedure for Determining the Severity of Effects Score

277 The Severity of Effects Score is a number based upon the category of

278 organ(s) affected and the level of effect upon the organ(s).

279 A) Organ Categories

280

281

282

283

284 There are three categories of organs or organ systems which are
 285 identified as follows:

286
 287 i) Category I includes: organs, the impairment or loss of
 288 which is fatal or usually cannot be compensated for by the
 289 body; gonads, the loss of which prevents the transmission
 290 of genetic material; and, adverse reproductive outcome
 291 including stillbirth, miscarriage, or reduced litter size
 292 (animal studies). The Category I organs are: Lungs, Heart,
 293 Brain, Spinal Cord, Kidneys, Liver, Bone Marrow, and
 294 Gonads.

295
 296 ii) Category II includes: organs, the impairment or loss of
 297 which may be fatal, but which can be compensated for by
 298 drug or replacement therapy; adverse effect on an immune
 299 function which may be life threatening; changes in the
 300 composition or function of blood constituents which may
 301 be life threatening; and, certain fetotoxic effects including
 302 premature birth, reduced birth weight, and reduced
 303 morphometric parameters. The Category II organs are:
 304 Adrenals, Thyroids, Parathyroids, Pituitary, Pancreas,
 305 Esophagus, Stomach, Small Intestine, Large Intestine,
 306 Lymph Nodes, Thymus, Trachea.

307
 308 iii) Category III includes: organs, the impairment or loss of
 309 which is not life threatening but may result in functional or
 310 emotional handicaps; adverse effect on an immune function
 311 which is not life threatening; changes in composition or
 312 function of blood which are not life threatening but may
 313 result in functional handicaps. Category III organs include,
 314 but are not limited to: Oviducts, Epididymides, Uterus,
 315 Prostrate, Seminal Vesicles, Ductus Deferens, Penis,
 316 Vagina, Eyes, Bone, Nose, Peripheral Nerves, Muscles,
 317 Urinary Bladder, Blood Vessels, Ears, Gallbladder, Larynx,
 318 Mammary Glands, Salivary Glands, Skin, Spleen, Tongue,
 319 Teeth, Ureter, Urethra, Pharynx.

320
 321 B) Levels of Effect

322
 323 There are four levels of effect: Serious Irreversible ("SI"); Serious
 324 Reversible ("SR"); Non-serious Irreversible ("NI"); and Non-
 325 serious Reversible ("NR").

326 i) A serious effect is an incapacitating condition or a

327 condition which significantly contributes to an increase in
 328 mortality.

329
 330 ii) A non-serious effect is a non-incapacitating condition or a
 331 condition which is unlikely to contribute to an increase in
 332 mortality.

333
 334 iii) An irreversible effect is one that is permanent or would
 335 require medical treatment to correct.

336
 337 iv) A reversible effect is a temporary effect.

338
 339 C) Table of Severity of Effects Scores

340
 341 The Severity of Effects Score for any level of effect observed in an
 342 organ belonging to a specified organ category is derived from the
 343 following table:
 344

Level of Effect		Organ Category		
		I	II	III
Level of Effect	SI	6	5	4
	SR	5	4	3
	NI	4	3	2
	NR	3	2	1
No Observed Effect		0	0	0

345
 346 D) When a study identifies an adverse health effect on multiple organs
 347 within the same category at the lowest observed adverse effect
 348 level, the Severity of Effects Score is increased by a value of 1. In
 349 no event can the Severity of Effects Score be greater than 6.

350
 351 3) Additional procedures for calculating the Chronic Toxicity Score are
 352 described in Section 232. Appendix B.

353
 354 **Section 232.320 Carcinogen Classification**

355
 356 a) For purposes of this Part, the Agency will consider a contaminant to be a
 357 carcinogen if it is classified in the following manner:

358
 359 1) A Category A1 or A2 Carcinogen by AGCIH; or

360

- 361 2) A Category 1 or 2A/2B Carcinogen by IARC; or
362
363 3) A "Human Carcinogen" or "Anticipated Human Carcinogen" by NTP; or
364
365 4) A Category A or B1/B2 Carcinogen by the United States Environmental
366 Protection Agency (USEPA) in IRIS or a Final Rule issued in a Federal
367 Register notice by the USEPA as of the effective date of this regulation.
368
- 369 b) The references ACGIH, IARC, and NTP are incorporated by reference in Section
370 232.110. The reference IRIS is the United States Environmental Protection
371 Agency, Office of Health and Environmental Assessment, Integrated Risk
372 Information System. The categories A, B1, and B2 carcinogens of IRIS as of
373 December 31, 1989, are listed in Section 232.Appendix C.
374

375 **SUBPART D: SOURCE IDENTIFICATION AND REPORTING REQUIREMENTS**
376

377 **Section 232.400 Purpose**
378

379 This Subpart establishes identification and reporting requirements for new and existing sources
380 that emit Illinois Toxic Air Contaminants.
381

382 **Section 232.410 Applicability**
383

- 384 a) This Subpart shall apply to any owner or operator of a source that manufactures,
385 processes or imports 25,000 lbs. or more of any individual ITAC in any calendar
386 year or otherwise uses 10,000 lbs. of any individual ITAC in any calendar year.
387
- 388 b) This Subpart shall not apply to the following:
389
- 390 1) Retail dry cleaning operations;
 - 391 2) Retail and noncommercial storage and handling of motor fuels;
 - 392 3) Combustion processes, including internal combustion engines, using only
393 commercial fuel;
 - 394 4) Equipment and operations which are exempt from permitting requirements
395 pursuant to 35 Ill. Adm. Code 201.146;
396
 - 397 5) Components of commercial and non-commercial agrichemical facility
398 operations that are permitted under 8 Ill. Adm. Code 255 by the
399 Department of Agriculture and endorsed by the Illinois Environmental
400 Protection Agency pursuant to Section 39.4 of the Act; [415 ILCS 5/39.4.]
401
402
403

- 404
405 6) Farm storage or application of agriculture chemicals and distribution
406 facilities not covered by 8 Ill. Adm. Code 255 that are used for storage or
407 distribution of agrichemicals; and
408
409 7) The requirements of this Subpart shall not apply to the application of
410 registered pesticides.
411
412 c) If an ITAC is present in a mixture of chemicals at a source at a concentration
413 below 1% (0.01) by weight, or .1% (0.001) by weight in the case of an ITAC
414 which is a carcinogen listed in Appendix C of this Part, an owner or operator
415 subject to this Subpart is not required to consider the quantity of the ITAC in such
416 mixture when determining whether an applicable threshold has been met under
417 subsection (a) of this Section or in determining the amount of emissions to be
418 reported under Section 232.430 of this Part.
419

420 **Section 232.420 ITAC Source Report**

- 421
422 a) On or before July 1, 1997, the Agency shall provide to the owner or operator of a
423 source that is expected to be subject to this Subpart the ITAC Source Report. The
424 ITAC Source Report shall contain all data fields for the information required
425 under this Subpart.
426
427 b) The information on emissions provided by the owner or operator of a source in
428 the emissions report submitted pursuant to Section 232.430 of this Part shall be
429 based on the best information available to the owner or operator and that is
430 reflective of the operations of the source and its ITAC emissions.
431

432 **Section 232.421 Emissions Report Certification**

433
434 All emission reports filed pursuant to this Subpart shall contain the following certification
435 statement: "I hereby certify that I have reviewed the attached documents and that, to the best of
436 my knowledge and belief, the submitted information is true and complete and that the amounts
437 and values in this report are accurate based on reasonable estimates using data available to the
438 preparers of this report." The certification statement shall be signed by an individual responsible
439 for the certification of the accuracy of the emissions report who will take legal responsibility for
440 the information verified or reported therein. The certification statement shall be accompanied by
441 the full name, title, actual signature, date of signature, and a telephone number of the individual
442 signing the emissions report.
443

444 **Section 232.423 Failure to Receive an ITAC Source Report**

445
446 Failure to receive the ITAC Source Report from the Agency shall not relieve an owner or

447 operator from the obligation to file a complete emissions report. Any owner or operator who
 448 does not receive the ITAC Source Report on or before July 1, 1997, may contact the Agency to
 449 request the ITAC Source Report.

450

451 (Source: Added at 21 Ill. Reg. 6237, effective May 12, 1997)

452

453 **Section 232.430 Emissions Report**

454

455 a) On or before October 1, 1997, the owner or operator of a source subject to this
 456 Subpart shall file an emissions report for the calendar year 1996 which shall
 457 include the following information:

458

459 1) Source identification information and the source's actual annual emissions
 460 of each ITAC (identified by generic name and Chemical Abstract Service
 461 (CAS) number) expressed in tons per year (TPY), and the source's annual
 462 fugitive emissions of each ITAC, expressed in TPY, for each ITAC that
 463 exceeds the threshold for applicability as set forth in Section 232.410 of
 464 this Part. In determining the actual annual emissions of each ITAC, the
 465 source may exclude emissions of such ITAC from all emission units with
 466 de minimis emissions of ITACs; or

467

468 2) If the owner or operator of a source subject to this Subpart so elects, the
 469 owner or operator may choose to submit the relevant portions of the
 470 USEPA's Emergency Planning and Community Right to Know Act
 471 (EPCRA) Form R in lieu of the report required under subsection (a)(1) of
 472 this Section. If the owner or operator so elects, the reporting of emissions
 473 under Form R may be reported in pounds per year rather than in tons per
 474 year (TPY) as required in subsection (a)(1) of this Section.

475

476 b) The following emissions of ITACs shall be considered to be de minimis and shall
 477 not be subject to reporting requirements under this Subpart:

478

479 1) Emissions of ITACs from an emission unit which, in the aggregate, are
 480 less than one-half (0.5) TPY;

481

482 2) Emissions from a process unit resulting from a process vent stream with
 483 ITAC concentrations that are always less than one-tenth of one percent
 484 (0.001) by weight on a daily basis, if such concentrations include any
 485 carcinogen listed in Appendix C of this Part;

486

487 3) Emissions from a process unit resulting from a process vent stream with
 488 ITAC concentrations that are always less than one percent (0.01) by
 489 weight on a daily basis, if such concentrations do not include any

- 490 carcinogen listed in Appendix C of this Part; or
 491
 492 4) Fugitive emissions of ITACs from a process unit which, in the aggregate,
 493 are less than one-half (0.5) TPY.
 494
 495 c) If a source becomes subject to this Subpart on or after the effective date of this
 496 Subpart, the owner or operator of the source shall submit an emissions report to
 497 the Agency on or before July 1 of the year following the date the source becomes
 498 subject to this Subpart for the period from the date the source first becomes
 499 subject to this Subpart through the end of the calendar year before the year the
 500 first report from such source is due under this Subpart. Such emissions report
 501 shall contain all of the information listed in subsection (a)(1) or (a)(2) of this
 502 Section and any additional information requested by the Agency pursuant to
 503 Section 232.450 of this Part. Any such emissions report shall satisfy the
 504 requirements of Subpart D of this Part.
 505
 506 d) An owner or operator of a source subject to this Subpart shall submit to the
 507 Agency a revised, emissions report on or before July 1 of the year following the
 508 occurrence of any of the following:
 509
 510 1) If the source's actual annual emissions of any individual ITAC or any
 511 combination of ITACs required to be reported under this Subpart increases
 512 by more than one-half (0.5) TPY or one (1) TPY, respectively, from the
 513 sources' emissions of ITACs initially reported under this Subpart; or
 514
 515 2) If the source emits an ITAC that exceeds the threshold for applicability as
 516 set forth in Section 232.410 of this Part which was not previously reported
 517 in the source's initial report of its emissions of ITACs or in any subsequent
 518 revised report of its emissions of ITACs required to be submitted pursuant
 519 to this subsection (d).
 520
 521 e) Any revised emissions report required to be submitted under subsection (d) of this
 522 Section shall contain all of the information listed in subsection (a) of this Section
 523 and any additional information requested by the Agency pursuant to Section
 524 232.450 of this Part. Any revised emissions report shall satisfy the requirements
 525 of Subpart D.
 526
 527 f) By July 1 of the calendar year following any modification or change to an
 528 emission unit requiring a revision to an existing permit or a new permit which
 529 may result in an increase in emissions of a previously reported ITAC by ten
 530 percent (.10) or more, an owner or operator of a source subject to this Subpart
 531 shall submit to the Agency a revised emissions report which includes the
 532 information required under this Section 232.430.

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(Source: Added at 21 Ill. Reg. 6237, effective May 12, 1997)

Section 232.440 Use of Available Data

- a) In order to provide the information requested by the Agency pursuant to Section 232.450 of this Part, the owner or operator of a source may:
 - 1) Use reasonable engineering estimates of total emissions of individual ITACs pursuant to an emissions determination method, if, in each case, the owner or operator of a source specifies the emissions determination method used to estimate total emissions and certifies that such data represents the best available information and is true and accurate to the best of his/her knowledge; or
 - 2) If available, use monitoring or measuring data collected pursuant to other provisions of law or regulation.
- b) Nothing in this Subpart requires the monitoring or measurement of the quantities, concentrations, or frequency of emissions of any ITAC beyond any monitoring or measurement required under other provisions of law or regulation.

(Source: Added at 21 Ill. Reg. 6237, effective May 12, 1997)

Section 232.450 Retention of Records/Additional Information

- a) For purposes of modeling and conducting assessments of information submitted under this Subpart, the Agency may request supporting documentation or additional information for any emissions report submitted by a source, including:
 - 1) An identification by generic name and Chemical Abstract Service (CAS) number the source's emissions of each ITAC by emission unit, with maximum hourly emission rates in lbs/hr and actual annual emissions in TPY and the source's fugitive emissions of each ITAC in TPY;
 - 2) Operating data, exhaust point information and, if applicable, control device information for each emission unit; and
 - 3) Copies of engineering estimate calculations, mass balance calculations, and any other information or documentation used by the owner or operator of a source in preparing an emissions report.
- b) All records and calculations upon which the data submitted in the emissions

576 report are based must be retained by the source for a minimum of three (3) years
577 following the filing of a complete report. The owner or operator of a source shall
578 provide the requested information in a format acceptable to the Agency within 60
579 days after the receipt of the request.

580
581 c) Nothing in this Section shall be interpreted to impose upon any source subject to
582 this Subpart any additional monitoring which is not otherwise required by
583 applicable rules or a permit condition.

584
585 (Source: Added at 21 Ill. Reg. 6237, effective May 12, 1997)

586
587 **Section 232.460 Reporting of Errors**

588
589 If, after submitting any emissions report required by this Subpart, the owner or operator of a
590 source discovers any error in the data reported, the owner or operator shall notify the Agency of
591 the error in writing and shall provide the Agency with the correct data. The notification and
592 correction shall be conveyed to the Agency within sixty (60) days after the owner's or operator's
593 discovery of the error. The corrected data shall be certified in accordance with Section 232.421
594 of this Part.

595
596 (Source: Added at 21 Ill. Reg. 6237, effective May 12, 1997)

597
598 **SUBPART E: LISTING AND DELISTING**

599
600 **Section 232.500 Procedures for Listing and Delisting Toxic Air Contaminants**

601
602 a) Any person may submit a regulatory proposal to the Board to list or delist a toxic
603 air contaminant.

604
605 b) The proposal to list a contaminant as a toxic air contaminant, or to delist a toxic
606 air contaminant, must include, at a minimum, the following:

607
608 1) The contaminant or toxic air contaminant name and Chemical Abstract
609 Service Number where applicable;

610
611 2) The basis for listing or delisting pursuant to Section 232.200(b) or (c).
612 This shall include but is not limited to, a showing of one of the following:

613
614 A) The toxicity score or carcinogen classification is correctly
615 determined pursuant to the Subpart C procedures;

616
617 B) The Subpart C procedure for determining a toxicity score or
618 carcinogen classification is not appropriate for the contaminant;

- 619
620 C) The Subpart C procedure for determining a toxicity score or
621 carcinogen classification is incorrectly applied for the contaminant;
622
623 D) The studies used are inadequate for the purposes of the Subpart C
624 procedure; or
625
626 E) Additional or new studies should be considered in a determination
627 to list or delist a contaminant.
628
629 3) A copy of each study or report used to justify the proposal.
630
631 c) The Agency shall participate in each proposal to list or delist a toxic air
632 contaminant and must provide the Board with a recommendation as to
633 advisability of listing or delisting. Such recommendation must include a toxicity
634 scoring pursuant to Section 232.300 and a carcinogen classification pursuant to
635 Section 232.310.
636
637 d) The Agency will propose an update of the list of toxic air contaminants to the
638 Board no less frequently than once every 2 years.
639

640 **Section 232.501 Listing of Federal Hazardous Air Pollutants, Great Lakes Commission**
641 **Toxic Compounds and Great Waters Program Toxic Compounds**
642

643 Notwithstanding the provisions of Section 232.500 of this Subpart, all chemicals listed as
644 "hazardous air pollutants" under Section 112(b) of the CAA (1990) (42 U.S.C. 7412(b)), and all
645 chemicals targeted as toxic compounds or chemicals by the Great Lakes Commission or under
646 the United States Environmental Protection Agency's "Great Waters" Program which are not
647 currently listed as toxic air contaminants under this Part, are hereby listed as toxic air
648 contaminants under Appendix A of this Part. The listing of hazardous air pollutants and other
649 toxic compounds or chemicals as toxic air contaminants under this Section is without reference
650 to the listing procedures of Section 232.500 of this Subpart.
651

652 (Source: Added at 21 Ill. Reg. 6237, effective May 12, 1997)
653

654 Section 232.APPENDIX A List of Toxic Air Contaminants

655

Chemical Name	CAS Number
Acetaldehyde	75-07-0*
Acetamide	60-35-5*
Acetonitrile	75-05-8*
Acetophenone	98-86-2*
2-Acetylaminofluorene	53-96-3*
Acrolein	107-02-8*
Acrylamide	79-06-1*
Acrylic acid	79-10-7*
Acrylonitrile	107-13-1*
Aldrin	309-00-2**
Allyl chloride	107-05-1*
2-Aminoanthraquinone	117-79-3
4-Aminoazobenzene	60-09-3
o-Aminoazotoluene	93-56-3
4-Aminobiphenyl	92-67-1*
1-Amino-2-methylantraquinone	82-28-0
Amitrole	61-82-5
Aniline	62-53-3*
o-Anisidine	90-04-0*
o-Anisidine hydrochloride	134-29-2
Antimony	7440-36-0
Arsenic	7440-38-2**
Asbestos	1332-21-4*
Azobenzene	103-33-3
Benzo(a)anthracene	56-55-3**
Benzene	71-43-2*
Benzidine	92-87-5*
Benzo(a)pyrene	50-32-8**
Benzo(b)fluoranthene [3,4-Benzofluoranthene]	205-99-2**
Benzo(j)fluoranthene	205-82-3
Benzo(k)fluoranthene [11,12-Benzofluoranthene]	207-08-9**
1,12-Benzoperylene	191-24-2
Benzotrichloride	98-07-7*
Benzyl chloride	100-44-7*
Benzyl violet	1694-09-3
Beryllium	7440-41-7
Beryllium oxide	1304-56-9*
Biphenyl	92-52-4*
Bis(chloromethyl)ether	542-88-1*

Boron trifluoride	7637-07-2
Bromoform	75-25-2*
4,Bromophenyl phenyl ether	101-55-3**
1,3-Butadiene	106-99-0*
Butyl benzyl phthalate	85-68-7
beta-Butyrolacetone	3068-88-0
C.I. Basic Red 9 monohydrochloride	569-61-9
Cadmium	7440-43-9**
Cadmium oxide	1306-19-0*
Calcium cyanamide	156-62-7*
Caprolactam	105-60-2
Captan	133-06-2*
Carbaryl	63-25-2*
Carbofuran	1563-66-2
Carbon black	1333-86-4
Carbon disulfide	75-15-0*
Carbon tetrachloride	56-23-5++
Carbonyl sulfide	463-58-1*
Carbosulfan	55285-14-8
Catechol	120-80-9*
Chloramben	133-90-4*
Chlordane	57-74-9++
Chlorinated dibenzodioxins	--
Chlorinated dibenzofurans	--
Chlorendic acid	115-28-6
Alpha-Chlorinated toluenes	--
Chlorinated paraffins [C12, 60% chlorine]	108171-26-2
Chlorine	7782-50-5*
Chloroacetic acid	79-11-8*
2-Chloroacetophenone	532-27-4*
Chlorobenzene	108-90-7*
Chlorobenzilate	510-15-6*
Chloroform	67-66-3*
Chloromethyl methyl ether	107-30-2*
3,4-Chloro-2-methylpropene	563-47-3
4-Chloro-o-phenylenediamine	95-83-0
p-Chloro-o-toluidine	95-69-2
4-Chlorophenyl phenyl ether	7005-72-3**
Chloroprene	126-99-8*
Chromium	7440-47-3**
Chromium (VI)	18540-29-9++
Chrysene	218-01-9**
Coal tar (pitch) volatiles	65996-93-2

Cobalt	7440-48-4**
Coke Oven Emissions	--++
Copper	7440-50-8**
p-Cresidine	120-71-8
Creosote (Coal)	8001-58-9
Cresol (mixed isomers) [Cresols/Cresylic acid isomers and mixture	1319-77-3*
o-Cresol	95-48-7*
m-Cresol	108-39-4*
p-Cresol	106-44-5*
Cumene	98-82-8*
Cyanazine	21725-46-2
Cyclohexanone	108-94-1
DDD	72-54-8
DDE	3547-04-4*
4,4'-DDE	72-55-9**
DDT	50-29-3**
Di-n-octyl phthalate	117-84-0**
2,4-Diaminoanisole	615-05-4
2,4-Diaminoanisole sulfate	39156-41-7
4,4'-Diaminodiphenyl ether	101-80-4
2,4-Diaminotoluene	95-80-7*
Diazomethane	334-88-3*
Dibenzo(a,h)acridine	226-36-8
Dibenzo(a,j)acridine	224-42-0
Dibenzo(a,h)anthracene [1,2:5.6-Dibenzanthracene]	53-70-3**
Dibenzo(a,e)pyrene	192-65-4
Dibenzo(a,h)pyrene	189-64-0
Dibenzo(a,i)pyrene	189-55-9
Dibenzo(a,l)pyrene	191-30-0
Dibenzofurans	132-64-9*
Dibutyl phthalate	84-74-2++
1,2-Dibromo-3-chloropropane	96-12-8*
1,2-Dibromoethane [Ethylene dibromide]	106-93-4*
1,4-Dichlorobenzene(p-)	106-46-7*
3,3'-Dichlorobenzidine	91-94-1*
3,3'-Dichlorobenzidine dihydrochloride	612-83-9
Dichloroethyl ether [Bis(2-chloroethyl)ether]	111-44-4*
2,4-Dichlorophenoxyacetic acid [2,4-D,salts and esters]	94-75-7*
1,2-Dichloropropane [Propylene dichloride]	78-87-5*
1,3-Dichloropropylene [1,3-Dichloropropene]	542-75-6*
Dichlorovos	62-73-7*
Dieldrin	60-57-1**
Diepoxybutane	1464-53-5

Diethanolamine	111-42-2*
N,N-Diethyl aniline [N,N-Dimethylaniline]	121-69-7*
1,2-Diethylhydrazine	1615-80-1
Di(2-ethylhexyl) Phthalate [Bis(2-ethylhexyl) phthalate (DEHPI)]	117-81-7++
Diethyl sulfate	64-67-5*
Diglycidyl resorcinol ether	101-90-6
3,3'-Dimethoxybenzidine [Dianisidine]	119-90-4*
Dimethyl acetamide	127-19-5
Dimethyl phthalate	131-11-3*
4-Dimethylaminoazobenzene [Dimethyl aminoazo- benzene]	60-11-7*
3,3'-Dimethylbenzidine [o-Tolidine]	119-93-7*
Dimethylcarbamoyl chloride	79-44-7*
N,N-Dimethyl formamide	68-12-2*
1,1-Dimethylhydrazine	57-14-7*
1,2-Dimethylhydrazine	540-73-8
Dimethyl sulfate	77-78-1*
Dinitrocresol [4,6-Dinitro-o-cresol, and salts]	534-52-1*
2,4-Dinitrophenol	51-28-5*
2,4-Dinitrotoluene	121-14-2*
1,4-Dioxane [1,4-Diethyleneoxide]	123-91-1*
1,2-Diphenylhydrazine	122-66-7*
Disulfoton	298-04-4
Endothall	145-73-3
Endrin	72-20-8**
Epichlorohydrin	106-89-8*
1,2-Epoxybutane	106-88-7*
2-Ethoxyethanol	110-80-5
Ethyl acrylate	140-88-5++
Ethyl benzene	100-41-4++
Ethyl chloride [Chloroethane]	75-00-3*
Ethylene dichloride [1,2-Dichloroethane]	107-06-2++
Ethylene glycol	107-21-1*
Ethyleneimine [Aziridine]	151-65-4*
Ethylene oxide	75-21-8*
Ethylene thiourea	96-45-7*
Ethylidene dichloride [1,1-Dichloroethene]	75-34-3*
Etridiazole	2593-15-9
FMC-67825	95465-99-9
Fluorine	7782-41-4
Folpet	133-07-3
Formaldehyde	50-00-0*
Furmecyclox	60568-05-0
Heptachlor	76-44-8++

Heptachlor epoxide	1024-57-3**
Hexachlorobenzene	118-74-1++
Hexachloro-1,3-butadiene [Hexachlorobutadiene]	87-68-3++
Hexachlorocyclopentadiene	77-47-4*
Hexachlorodibenzo-p-dioxin	19408-74-3
Hexachloroethane	67-72-1++
Hexamethylene-1,6-diisocyanate	822-06-0*
Hexamethylphosphoramide	680-31-9*
Hexane	110-54-3*
Hydrazine	302-01-2*
Hydrazine sulfate	10034-93-2
Hydrochloric acid (aerosol)	7647-01-0*
Hydrogen cyanide	74-90-8
Hydrogen fluoride [Hydrofluoric acid]	7664-39-3*
Hydroquinone	123-31-9*
Indeno(1,2,3-cd) pyrene	193-39-5**
Isophorone	78-59-1*
Isophorone diisocyanate	4098-71-9
Lead	7439-92-1**
Lindane-[Hexachlorocyclohexane-alpha]	319-84-6**
Lindane-[Hexachlorocyclohexane-beta]	319-85-7**
Lindane-[Hexachlorocyclohexane-gamma] [Lindane all isomers]	58-89-9++
Lindane-[Hexachlorocyclohexane-mixed isomers]	608-73-1
Linuron	330-55-2
Malathion	121-75-5
Maleic anhydride	108-31-6*
Manganese	7439-96-5**
Mercury	7439-97-6**
Methanol	67-56-1*
Methoxychlor	72-43-5++
2-Methoxyethanol	109-86-4
2-Methoxyethanol acetate	110-49-6
Methyl bromide [Bromomethane]	74-83-9*
Methyl chloride [Chloromethane]	74-87-3++
Methyl chloroform [1,1,1-Trichloroethane]	71-55-6++
Methyl ethyl ketone [2-Butanone]	78-93-3*
Methyl isobutyl ketone [Hexone]	108-10-1*
Methyl isocyanate	624-83-9*
Methyl methacrylate	80-62-6*
Methyl tert-butyl ether	1634-04-4*
5-Methylchrysene	3697-24-3
4,4'-Methylenebis(2-chloroaniline)	101-14-4*
Methylenebis(phenylisocyanate) [Methylene diphenyl diisocyanate (MDI)]	101-68-8*

4,4'-Methylenebis(N,N'-dimethyl benzenamine)	101-61-1
Methylene chloride [Dichloromethane]	75-09-2++
4,4'-Methylenedianiline	101-77-9*
4,4'-Methylenedianiline dihydrochloride	13552-44-8
Methyl hydrazine	60-34-4*
Methyl iodide [Iodomethane]	74-88-4*
Methyl mercaptan	74-93-1
N-Methyl-N'-nitro-N-nitrosoguanidine	70-25-7
Metolachlor	51218-45-2
Michler's Ketone	90-94-8
Mirex	2385-85-5**
Monoethanolamine	141-43-5
Naphthalene	91-20-3++
beta-Naphthylamide	91-59-8
Nickel	7440-02-0**
Nitric acid	7697-37-2
Nitrilotriacetic acid	139-13-9
Nitrobenzene	98-95-3*
4-Nitrobiphenyl	92-93-3*
5-Nitro-o-anisidine	99-59-2
2-Nitropropane	79-46-9*
4-Nitrophenol	100-02-7*
N-Nitroso-n-butyl-N-(3-carboxypropyl) amine	38252-74-3
N-Nitroso-n-butyl-N-(4-hydroxybutyl) amine	3817-11-6
N-Nitrosodi-n-butylamine	924-16-3
N-Nitrosodiethanolamine	1116-54-7
N-Nitrosodiethylamine	55-18-5
N-Nitrosodimethylamine	62-75-9*
N-Nitrosodiphenylamine	86-30-6
N-Nitrosodi-n-propylamine	621-64-7
N-Nitroso-N-ethylurea	759-73-9
3-(N-Nitrosomethylamino) propionitrile	60153-49-3
N-Nitrosomethylethylamine	10595-95-6
N-Nitroso-N-methylurea	684-93-5*
N-Nitrosomethylvinylamine	4549-40-0
N-Nitrosomorpholine	59-89-2*
N-Nitrosonornicotine	16543-55-8
N-Nitrosopiperidine	100-75-4
N-Nitrosopyrrolidine	930-55-2
N-Nitrososarcosine	13256-22-9
Nitrofen	11836-75-5
Octachlorostyrene	2908-74-4**
PCDDs (Total polychlorinated dibenzodioxins)	--**

PCDFs (Total polychlorinated dibenzofurans)	--**
PAHs (Total polycyclic aromatic hydrocarbons)	--**
Parathion	56-38-2++
Pentachlorobenzene	608-93-5**
Pentachloronitrobenzene [Quintobenzene]	82-68-8++
Pentachlorophenol	87-86-5++
Peracetic acid	79-21-0
Phenol	108-95-2++
p-Phenylenediamine	106-50-3*
Phenylhydrazine	100-63-0
Phorate	298-02-2
Phosgene	75-44-5*
Phosphine	7803-51-2*
Phosphorus	7723-14-0*
Phosphorus oxychloride	10025-87-3
Phosphorus pentachloride	10026-13-8
Photomirex	39801-14-4**
Phthalic anhydride	85-44-9*
Polybrominated biphenyls	--
Polychlorinated biphenyls [Aroclors]	1336-36-3++
Potassium bromate	7758-01-2
Propane sultone [1,3-Propane sultone]	1120-71-4*
beta-Propiolactone	57-57-8*
Propionaldehyde	123-38-6*
Propoxur [Baygon]	114-26-1*
Propyleneimine [1,2-Propylenimine,(2-Methy aziridine)]	75-55-8*
Propylene oxide	75-56-9*
Pyrene	129-00-0
Quinoline	91-22-5*
Quinone	106-51-4*
Selenium	7782-49-2
Sodium borate	1303-96-4
Styrene	100-42-5*
Styrene oxide	96-09-3*
Sulfalate	95-06-7
Sulfuric acid (aerosol)	7664-93-9
Terbufos	13071-79-9
1,2,3,4-Tetrachlorobenzene	634-66-2**
1,2,4,5-Tetrachlorobenzene	95-94-3**
1,1,2,2-Tetrachloroethane	79-34-5*
Tetrachloroethylene [Perchloroethylene]	127-18-4++
2,3,7,8-Tetrachlorodibenzo-p-dioxin [2,3,7,8-TCDD]	1746-01-6++
4,4'-Thiodianiline	139-65-1

Thiophenol	108-98-5
Thiourea	62-56-6
Thorium dioxide	1314-20-1
Titanium tetrachloride	7550-45-0*
Toluene	108-88-3++
Toluene-2,4-diisocyanate [2,4-Toluene diisocyanate]	584-84-9*
Toluene-2,6-diisocyanate	91-08-7
o-Toluidine	95-53-4*
o-Toluidine hydrochloride	636-21-5
p-Toluidine	106-49-0
Toxaphene	8001-35-2++
1,2,4-Trichlorobenzene	120-82-1*
1,1,2-Trichloroethane	79-00-5*
Trichloroethylene	79-01-6++
2,4,5-Trichlorophenol	95-95-4++
2,4,6-Trichlorophenol	88-06-2++
Triethylamine	121-44-8*
Trifluralin	1582-09-8++
Trimethylbenzene	25551-13-7
1,2,4-Trimethyl benzene	95-63-6
2,4,6-Trinitrotoluene	118-96-7
2,2,4-Trimethylpentane	540-84-1*
Tris(2,3-dibromopropyl) phosphate	126-72-7
Trypan blue	72-57-1
Urethane [Ethyl carbamate]	51-79-6*
Vinyl acetate	108-05-4*
Vinyl bromide	593-60-2*
Vinyl chloride	75-01-4*
Vinylidene chloride [1,1-Dichloroethylene]	75-35-4*
Xylenes (isomers and mixture)	1330-20-7*
o-Xylenes	95-47-6*
m-Xylenes	108-38-3*
p-Xylenes	106-42-3*

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Antimony compounds*	—
Includes any unique chemical substance that contains antimony substance that contains antimony as part of that chemical's infrastructure	
Arsenic compounds*	—
Includes any unique chemical substance that contains arsenic as part of that chemical's infrastructure	

Beryllium compounds*	—
Includes any unique chemical substance that contains beryllium as part of that chemical's infrastructure	
Cadmium compounds*	—
Includes any unique chemical substance that contains cadmium as part of that chemical's infrastructure	
Chromium compounds*	—
Includes any unique chemical substance that contains chromium as part of that chemical's infrastructure	
Cobalt compounds*	
Includes any unique chemical substance that contains cobalt as part of that chemical's infrastructure	
Cyanide compounds*	—
x(pos) CN(neg) where X = H(pos) or any other group where a formal dissociation can be made. For example, KCN or Ca(CN) ₂	
Glycol ethers*	--
Includes any unique chemical substance that contains glycol as part of that chemical's infrastructure. Includes mono- and di- ethers of ethylene glycol, diethylene glycol, and triethylene glycol $R(OCH_2CH_2)_n-OR'$ where n=1, 2, or 3 R = alkyl or aryl groups R' = R, H, or groups which, when removed, yield glycol ethers with the structure: $R(OCH_2CH_2)_n-OH$. Polymers are excluded from the glycol category.	
Fine mineral fibers*	—
Includes mineral fiber emissions from facilities manufacturing or processing glass, rock, or slag fibers (or other mineral derived fibers) having the average diameter of 1 micrometer or less.	
Lead compounds*	--
Includes any unique chemical substance that contains lead as part of that chemical's infrastructure	
Manganese compounds*	— ++
Includes any unique chemical substance that contains manganese as part of that chemical's infrastructure	

Mercury compounds*	—
Includes any unique chemical substance that contains mercury as part of that chemical's infrastructure	
Nickel compounds*	— ++
Includes any unique chemical substance that contains nickel as part of that chemical's infrastructure	
Polycyclic Organic Matter (POM)*	— ++
Includes organic compounds having more than one benzene ring and a boiling point equal to or greater than 100 degrees Celsius (212 degrees Fahrenheit).	
Radionuclides (including radon)*	—
A type of atom which spontaneously undergoes radioactive decay.	
Selenium Compounds*	—
Includes any unique chemical substance that contains selenium as part of that chemical's infrastructure.	

* Indicates presence on HAP List.

**Indicates presence on Great Waters or Great Lakes List.

++=Indicates presence on HAP and Great Waters or Great Lakes Lists.

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(Source: Amended at 21 Ill. Reg. 6237, effective May 12, 1997)

660 **Section 232.APPENDIX B Additional Procedures for Calculating the Chronic Toxicity**
661 **Score**

- 662
- 663 a) Procedures to be used in selecting chronic toxicity studies.
- 664
- 665 1) Chronic toxicity studies in which all of the items in subsection (a)(1)(A) of
666 this appendix are identified or measured with adequate specificity to use
667 the equations in subsection (b) of this appendix are to be given first
668 preference.
- 669
- 670 A) Study items to be identified or measured:
- 671
- 672 i) Test species;
- 673
- 674 ii) Contaminant dose;
- 675
- 676 iii) Duration of exposure must be at least 21 days, except for
677 developmental studies in animals, in which case the
678 duration of exposure must be during critical gestation days;
- 679
- 680 iv) Route of exposure; and
- 681
- 682 v) Effect of exposure.
- 683
- 684 B) In the event that two or more studies are available in which the
685 items in subsection (a)(1)(A) are deemed to have been identified or
686 measured, but which give inconsistent results, the study must be
687 selected by the following procedures:
- 688
- 689 i) In the event that two or more studies are laboratory animal
690 toxicity studies, the study that is conducted in accordance
691 with or consistent with Good Laboratory Practice Standards
692 must be used. Good Laboratory Practice Standards are
693 incorporated by reference in Section 232.110.
- 694
- 695 ii) In the event that the application of the procedure in
696 subsection (i) fails to result in the selection of one study,
697 then the study that results in the highest Chronic Toxicity
698 Score must be used.
- 699
- 700 2) Studies that identify or measure all of the items in subsection (a)(1)(A) of
701 this appendix, except for the contaminant dose, must be given second
702 preference.

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- A) For a second preference study, the Lowest Toxic Dose Score for a given species and a given route of exposure must be determined according to the following table:

Species	Route of Exposure	Lowest Toxic Dose Score
Human	Inhalation	1
Human	Non-inhalation	$\frac{2}{3}$
Non-human	Inhalation	$\frac{2}{3}$
Non-human	Non-inhalation	$\frac{1}{3}$

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- B) In the event that two or more second preference studies are available, the study that results in the highest Chronic Toxicity Score must be used.

- 3) A contaminant for which there is insufficient data in the study to identify the elements of either a first or second preference study must be determined to have no data and be assigned a Chronic Toxicity Score of 0.

- b) The following general equation must be used to obtain the dose in units of milligram per kilogram per day for the oral, gavage and inhalation routes of exposure: $Dose = (I)(C)(TCF)/UF$

- 1) For the routes of exposure listed below, use the following:

TCF = Time Correction Factor of 1, unless the exposure was intermittent, in which case the fraction of time during which exposure occurred is used (e.g., 5 days/week = $\frac{5}{7} = 0.71$).

UF = Uncertainty Factor of 10, used only when data are for exposure periods less than 90 days. In the case of fetotoxicity and teratogenicity studies, an Uncertainty Factor of 1 must be used.

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- 2) Where the exposure is oral use the following:

- A) Oral Exposure via Food:

I = Food Intake in kilogram of food ingested per kilogram of body weight per day (kg/kg-d) (refer to Chart 1 for standard values);

C = Contaminant Concentration in food in units of milligram

per kilogram (mg/kg); or

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B) Oral Exposure via Water:

I = Water Intake in liter of water ingested per kilogram of body weight per day (L/kg-d) (refer to Chart 1 for standard values);

C = Contaminant Concentration in water in units of milligram per liter (mg/L);

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3) Where the exposure is via gavage use the following:

The product (I X C) in the above equation must be replaced by Gavage Dose (GD) in units of milligram of contaminant ingested per kilogram of body weight per day (mg/kg-d); or

4) Where the exposure is via inhalation use the following:

I = Air intake in cubic meter of air inhaled per kilogram of body weight per day (cu.m³/kg-d) measured as the product of Ventilation Rate (VR) (refer to Chart 1 for standard values) and Inhalation retention factor (RF) (assumed to be 0.5 for this procedure);

C = Contaminant Concentration in air in units of milligram per cubic meter (mg/cu.m).

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Chart 1
Summary of Physiological Parameters

Species	Water Intake L/kg/day	Food Intake kg/kg/day	Ventilation cu.m/kg/day
Cat	0.100	0.050	0.46
Dog	0.025	0.025	0.31
Guinea Pig	0.075	0.040	0.58
Human	0.029	0.025	0.26
Monkey	0.14	0.07	0.32
Mouse	0.25	0.15	1.44
Rabbit	0.065	0.030	0.46
Rat	0.10	0.050	0.66

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743 **Section 232.APPENDIX C Carcinogens (Categories A, B1, and B2) listed on the**
 744 **Integrated Risk Information System (IRIS) as of December 31, 1989 (United States**
 745 **Environmental Protection Agency, Office of Health and Environmental Assessment)**
 746

Chemical Name	CAS Number	Category
Acetaldehyde	000075-07-0	B2
Acrylamide	000079-06-1	B2
Acrylonitrile	000107-13-1	B1
Aldrin	000309-00-2	B2
Aniline	000062-53-3	B2
Arsenic	007440-38-2	A
Azobenzene	000103-33-3	B2
Benzene	000071-43-2	A
Benzidine	000092-87-5	A
Benzo(a)pyrene	000050-32-8	B2
Benzyl chloride	000100-44-7	B2
Beryllium	007440-41-7	B2
Bis(2-ethylhexyl) phthalate	000117-81-7	B2
Bis(chloroethyl) ether	000111-44-4	B2
Bis(chloromethyl) ether	000542-88-1	A
1,3-Butadiene	000106-99-0	B2
Cadmium	007440-43-9	B1
Carbon Tetrachloride	000056-23-5	B2
Chlordane	000057-74-9	B2
Chloroform	000067-66-3	B2
Chloromethyl Methyl Ether	000107-30-2	A
Chromium(VI)	18540-29-9	A
Coke Oven Emissions	008007-45-2	A
Creosote	008001-58-9	B1
DDD	000072-54-8	B2
DDE	000072-55-9	B2
DDT	000050-29-3	B2
1,2-Dichloroethane	000107-06-2	B2
1,3-Dichloropropene	000542-75-6	B2
Dichlorovos	000062-73-7	B2
Dieldrin	000060-57-1	B2
Dimethyl Sulfate	000077-78-1	B2
1,4-Dioxane	000123-91-1	B2
1,2-Diphenylhydrazine	000122-66-7	B2
Epichlorohydrin	000106-89-8	B2
Ethylene Dibromide	000106-93-4	B2
Folpet	000133-07-3	B2

Formaldehyde	000050-00-0	B1
Furmecyclox	060568-05-0	B2
Heptachlor	000076-44-8	B2
Heptachlor Epoxide	001024-57-3	B2
Hexachlorocyclohexane, technical	000608-73-1	B2
alpha-Hexachlorocyclohexane	000319-84-6	B2
Hexachlorodibenzo-p-dioxin	019408-74-3	B2
Hydrazine, Hydrazine Sulfate (mixture)		B2
Lead and Compounds (Inorganic)		B2
4,4'-Methylenebis(N,N'- dimethyl) benzenamine	000101-61-1	B2
N-Nitroso-N-methylethylamine	010595-95-6	B2
N-Nitroso-di-n-butylamine	000924-16-3	B2
N-Nitrosodi-N-propylamine	000621-64-7	B2
N-Nitrosodiethanolamine	001116-54-7	B2
N-Nitrosodiethylamine	000055-18-5	B2
N-Nitrosodimethylamine	000062-75-9	B2
N-Nitrosodiphenylamine	000086-30-6	B2
N-Nitrosopyrrolidine	000930-55-2	B2
Nickel Carbonyl	013463-39-3	B2
Nickel Refinery Dust	007440-02-0	A
Nickel Subsulfide	012035-72-2	A
Polychlorinated Biphenyls	001336-36-3	B2
Toxaphene	008001-35-2	B2

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER k: EMISSION STANDARDS AND LIMITATIONS FOR MOBILE
SOURCES

PART 241
CLEAN FUEL FLEET PROGRAM

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54 Fuel Vehicles
55 TABLE C Credits Needed in Lieu of Acquiring a Light-Duty LEV
56 TABLE D Credit Generation: Acquiring a Heavy-Duty Clean Fuel Vehicle
57 before MY 1999 or Acquiring More Heavy-Duty Clean Fuel
58 Vehicles than Required
59 TABLE E Credit Generation: Acquiring Heavy-Duty ULEV or ZEV Clean
60 Fuel Vehicles
61 TABLE F Credits Needed in Lieu of Acquiring a Heavy-Duty LEV
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63 AUTHORITY: Implementing Sections 9, 9.1, and 10 and authorized by Sections 27 and 28.5 of
64 the Environmental Protection Act [415 ILCS 5/9, 9.1, 10, 27, and 28.5].
65

66 SOURCE: Adopted at R95-12 at 19 Ill. Reg. 13265, effective September 11, 1995; amended
67 in R98-8, at 21 Ill. Reg. 15767, effective November 25, 1997; amended in R18-21 at 50 Ill. Reg.
68 _____, effective _____.
69

70 SUBPART A: GENERAL PROVISIONS
71

72 **Section 241.101 Other Definitions**
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74 Unless otherwise defined ~~in this Part~~ ~~herein~~ and unless a different meaning of a term is clear from
75 its context, the ~~definitions of~~ terms used in this Part ~~shall~~ have the ~~definitions in~~ ~~meanings~~
76 ~~specified by~~ 35 Ill. Adm. Code 201.102 and 35 Ill. Adm. Code 211. The definitions in Section
77 241.102 ~~apply of this Part are applicable~~ only to ~~the provisions of~~ this Part.
78

79 (Source: Amended at 50 Ill. Reg. _____, effective _____)
80

81 **Section 241.102 Definitions**
82

83 "Adjusted loaded vehicle weight (ALVW)" means the numerical average of the
84 vehicle curb weight and the GVWR, as designated by the manufacturer.
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86 "Capable of being centrally fueled" means a motor vehicle that could be refueled

100%~~percent~~ of the time at a location that is owned, operated, or controlled by the covered fleet owner or operator, or is under contract with the covered fleet owner or operator. Motor vehicles that are under normal ~~operationseconditions~~ garaged at a personal residence are not considered to be capable of being centrally fueled and are exempt from the program unless they are, in fact, centrally fueled. The fact that one or more motor vehicles in a fleet are not capable of being centrally fueled does not exempt an entire fleet from the program. To determine whether a motor vehicle is capable of being centrally fueled 100%~~percent~~ of the time, the owner or operator ~~mustshall~~ perform the following calculation for each motor vehicle in the fleet for which an exemption under Section 241.111(a)(10) is being claimed, and, annually ~~afterwardsthereafter~~, if additional new covered fleet vehicles are acquired and an exemption is claimed under Section 241.111(a)(10):

For each motor vehicle, sum the miles it is driven for a ~~three-monththree~~ ~~month~~ period beginning May 1, or the first day of the first full month in which the fleet may be covered.

Divide total miles for the given time period for each motor vehicle by its number of round trips. A round trip occurs each time a motor vehicle leaves its location or a contracted refueling station and returns to its location or a contracted refueling station.

If the average number of miles per round trip for the motor vehicle is less than 300 miles, then the motor vehicle is capable of being centrally fueled.

"Centrally fueled" means a motor vehicle that is fueled 100%~~percent~~ of the time at a location that is owned, operated, or controlled by the covered fleet owner or operator, or is under contract with the covered fleet owner or operator. Any motor vehicle that is under normal operations garaged at a personal residence at night but that is, in fact, centrally fueled 100%~~percent~~ of the time ~~mustshall~~ be considered to be centrally fueled for ~~the purpose of~~ this definition. The fact that one or more motor vehicles in a fleet are not centrally fueled does not exempt an entire fleet from the program.

"Clean alternative fuel" means any fuel (including methanol,² ethanol,² or other alcohols ~~comprisingcontaining~~ 85%~~percent~~ or more by volume ~~of such alcohol~~ with gasoline or other fuels,² reformulated gasoline,² diesel,² natural gas,² liquefied petroleum gas,² and hydrogen) or power source (including electricity) used in a clean fuel vehicle that complies with the standards and requirements applicable to ~~thesuch~~ motor vehicle under this Part when using ~~thatsuch~~ fuel or power source. In the case of any flexible fueled vehicle or dual fueled vehicle, the term "clean alternative fuel" means only a fuel ~~forwith respect to~~ which ~~thesuch~~ motor vehicle was certified as a clean fuel vehicle meeting the emission

standards applicable to ~~thesuch~~ motor vehicle weight class ~~as set forth~~ in Appendix A and in 40 CFR Part 88, Subpart A, incorporated by reference at Section 241.104 ~~of this Subpart~~, when operating on clean alternative fuel.

"Clean fuel vehicle" means a motor vehicle in a class or category of motor vehicles (e.g., LDVs, LDTs, or HDVs) which ~~has~~ been certified by USEPA to meet the clean fuel vehicle standards applicable under Subpart B ~~of this Part~~.

"Control" ~~means~~ shall have the following meanings:

When ~~it is~~ used to join all entities under common management, it means any one or a combination of the following:

Any person that has equity ownership of 51% ~~percent~~ or more in each of two or more firms;

Two or more firms have common officers, in whole or in substantial part, who are responsible for the day-to-day operation of the companies; or

One firm leases, operates, supervises, or in 51% ~~percent~~ or greater part owns equipment, ~~and/or~~ facilities, or both used by another person or firm, or has equity ownership of 51% ~~percent~~ or more of another firm.

When ~~it is~~ used to refer to ~~managing the management of~~ motor vehicles, it means a person has the authority to decide who can operate a particular motor vehicle, and the purposes for which the motor vehicle can be operated.

When ~~it is~~ used to refer to ~~managing the management of~~ people, it means a person has the authority to direct the activities of another person or employee in a precise situation, such as at the workplace.

"Covered area" means the Chicago area counties of Cook, DuPage, Kane, Lake, McHenry, and Will, ~~and~~ the Townships of Aux Sable and Goose Lake in Grundy County, and the Township of Oswego in Kendall County.

"Covered fleet" means ~~10~~ten or more covered fleet vehicles which are owned or operated by a person. ~~To determine~~ In determining the number of covered fleet vehicles owned or operated by a person for ~~purposes of~~ this Part, all motor vehicles owned or operated, leased, or otherwise controlled by ~~that~~ such person, and by any person who controls ~~that~~ such person, and by any person under

173 common control with ~~that~~such person, ~~must~~shall be treated as owned by ~~that~~such
174 person. Covered fleets include distributed and partially covered fleets.

175
176 "Covered fleet owner or operator" means a person who operates, owns, or
177 controls a fleet of at least ~~10~~ten covered fleet vehicles that are located or
178 primarily operated in the covered area (even if the covered fleet vehicles are
179 garaged outside of the covered area).

180
181 "Covered fleet vehicle" means a motor vehicle which is:

182
183 In a vehicle class for which standards ~~apply~~are applicable under this Part;
184 and

185
186 In a covered fleet which is centrally fueled or capable of being centrally
187 fueled. Covered fleet vehicle ~~do~~shall not include motor vehicles exempt
188 under Section 241.111 ~~of this Part~~.

189
190 "Curb weight" means the empty weight of the motor vehicle, without load or
191 passengers, as designated by the manufacturer.

192
193 "Date of vehicle acquisition" means the date on which legal or equitable title was
194 transferred to the current owner or operator of the motor vehicle.

195
196 "Dealer" means any person whose primary business is ~~selling or distributing in the~~
197 ~~sale or the distribution of~~ motor vehicles to a purchaser or an ultimate purchaser.

198
199 "Dealer demonstration vehicle" means any motor vehicle that is operated by a
200 dealer solely ~~to promote for the purpose of promoting~~ motor vehicle sales, either
201 on the sales lot or through other marketing or sales promotions, or ~~to permit for~~
202 ~~permitting~~ potential purchasers to drive the motor vehicle for pre-purchase or pre-
203 lease evaluation.

204
205 "Distributed fleet" means a fleet which is owned by a person or covered fleet
206 owner or operator, but whose motor vehicles are operated in the covered area
207 from different locations. A distributed fleet is ~~considered to be~~ a covered fleet if
208 it ~~has 10~~consists of ~~ten~~ or more covered fleet vehicles ~~which are~~ located in or
209 primarily operated in the covered area.

210
211 "Dual fueled vehicle" means any motor vehicle engineered and designed, or
212 converted in ~~compliance~~accordance with Sections 241.113(e) and 241.114 ~~of this~~
213 ~~Part~~, such that it may be operated on two different fuels, but not on a mixture of
214 the fuels.
215

216 "Emergency vehicle" means any motor vehicle that is legally authorized by a
 217 governmental authority to exceed the speed limit to transport people and
 218 equipment to and from situations in which speed is required to save lives or
 219 property, such as a rescue vehicle, fire truck, or ambulance.

220
 221 "Fleet" means 10 or more motor vehicles that are under the control of a person.

222
 223 "Flexible fueled vehicle" means any motor vehicle engineered and designed, or
 224 converted in compliance ~~accordance~~ with Sections 241.113(e) and 241.114 ~~of this~~
 225 Part, such that it may be operated on any mixture of two or more different fuels.

226
 227 "Gross Vehicle Weight Rating (GVWR)" means the total vehicle weight,
 228 including the maximum load, as designated by the original equipment
 229 manufacturer.

230
 231 "Heavy-duty vehicle (HDV)" means a motor vehicle whose GVWR is more than
 232 8,500 lbs but less than or equal to 26,000 lbs. Emission standards and credit
 233 values for HDVs are ~~set forth~~ in the tables ~~found~~ in Appendices A and B,
 234 respectively, ~~of this Part~~.

235
 236 "Inherently Low Emission Vehicle (ILEV)" means any LDV or LDT certified to
 237 the applicable ILEV evaporative emission standard ~~found~~ in 40 CFR ~~Part~~ 88,
 238 incorporated by reference at Section 241.104 ~~of this Subpart~~, or any HDV with an
 239 engine certified to the applicable ILEV standard. ~~A~~ No dual fueled or flexible
 240 fueled vehicle ~~is not~~ shall be considered an ILEV unless it is certified to the
 241 applicable standard(s) (i.e., LEV, ULEV or ZEV) for ~~its~~ such weight class on all
 242 fuel types for which it is designed to operate.

243
 244 "Law enforcement vehicle" means any motor vehicle which is primarily operated
 245 by a civilian or military police officer or sheriff; ~~or by~~ or by personnel of the Federal
 246 Bureau of Investigation, ~~the~~ Drug Enforcement Administration, or other agencies
 247 of the federal government; ~~or by~~ or by state highway patrols, municipal law
 248 enforcement agencies, or other similar law enforcement agencies, and which is
 249 used for ~~the purpose of~~ law enforcement activities, including, ~~but not limited to,~~
 250 chase, apprehension, surveillance, or patrol of people engaged in or potentially
 251 engaged in unlawful activities.

252
 253 "Light-duty truck (LDT)" means a motor vehicle whose GVWR is less than or
 254 equal to no more than 8,500 lbs. Emission standards and credit values for LDTs
 255 are ~~set forth~~ in the tables ~~found~~ in Appendices A and B, respectively, ~~of this Part~~.

256
 257 "Light-duty vehicle (LDV)" means a motor vehicle whose GVWR is less than or
 258 equal to no more than 6,000 lbs. Emission standards and credit values are ~~set forth~~

259 in the tables ~~found~~ in Appendices A and B, respectively, ~~of this Part.~~

260
261 "Loaded vehicle weight (LVW)" means the curb weight of the vehicle, as
262 specified by the manufacturer, plus 300 lbs.

263
264 "Location" means any building, structure, facility, or installation which is owned
265 or operated by a person, ~~or~~ is under the control of a person, or is located on one or
266 more contiguous properties and contains or could contain ~~one or more~~ a fueling
267 ~~pump~~ ~~pump(s)~~ or ~~system~~ ~~system~~ for the use of the vehicles owned or controlled
268 by that person.

269
270 "Low Emission Vehicle (LEV)" means any LDV, ~~or~~ LDT, or ~~any~~ HDV with an
271 engine certified to the applicable federal low emission vehicle standard, ~~as set~~
272 ~~forth~~ in Appendix A ~~of this Part~~ and in 40 CFR ~~Part~~ 88, incorporated by reference
273 in Section 241.104 ~~of this Subpart.~~

274
275 "Manufacturer" means any person ~~who manufactures or assembles engaged in the~~
276 ~~manufacturing or assembling of~~ new motor vehicles, new motor vehicle engines,
277 new nonroad vehicles, or new nonroad engines; ~~imports the or importing such~~
278 vehicles or engines for resale; or ~~who~~ acts for and is under the control of any ~~such~~
279 person in connection with ~~distributing the distribution of~~ new motor vehicles, new
280 motor vehicle engines, new nonroad vehicles, or new nonroad engines. ~~This~~
281 ~~definition excludes, but shall not include~~ any dealer ~~for with respect to~~ new motor
282 vehicles, new motor vehicle engines, new nonroad vehicles, or new nonroad
283 engines received by ~~the such~~ dealer in commerce.

284
285 "Model year (MY)" means September 1 of any year through August 31 of the
286 following year (e.g., September 1, 1997, through August 31, 1998, is MY 1998).

287
288 "Motor vehicle" means any self-propelled vehicle designed ~~to transport for~~
289 ~~transporting~~ persons or property on a street or highway.

290
291 "Motor vehicle held for lease or rental to the general public" means a motor
292 vehicle that is owned or controlled primarily for ~~the purpose of~~ short-term rental
293 or extended-term leasing (with or without maintenance); without a driver,
294 ~~under pursuant to~~ a contract.

295
296 "New covered fleet vehicle" means a motor vehicle that has not been previously
297 controlled by the current owner or operator, regardless of the model year.
298 ~~However, the following motor vehicles are not considered new; except as~~
299 ~~follows:~~ motor vehicles ~~that were~~ manufactured before the start of the fleet
300 program for ~~the such~~ motor vehicle's weight class; motor vehicles transferred due
301 to the purchase of a company not previously controlled by the owner or operator

302 or due to a consolidation of business operations; motor vehicles transferred as
303 part of an employee transfer; ~~and, or~~ motor vehicles transferred for seasonal
304 requirements (i.e., less than 120 days) ~~are not considered new~~. This definition ~~of~~
305 ~~new covered fleet vehicle~~ is distinct from the definition of "new motor vehicle" as
306 it applies to manufacturer certification, including the certification of motor
307 vehicles to the clean fuel standards.

308
309 "New motor vehicle" means a motor vehicle for which the equitable or legal title
310 ~~to which~~ has never been transferred to an ultimate purchaser.

311
312 "Owned or operated, leased, or otherwise controlled by such person" means either
313 of the following:

314
315 Such person holds the beneficial title to such motor vehicle; or

316
317 Such person uses the motor vehicle for transportation purposes
318 under pursuant to a contract or similar arrangement, ~~and~~ the term of
319 the such contract or similar arrangement is for a ~~period of~~ 120 days or
320 more, and the such person has control over the motor vehicle.

321
322 "Partially-covered fleet" means a fleet of 10 or more motor vehicles that is located
323 or primarily operated in the covered area and which contains both covered fleet
324 vehicles and exempted fleet vehicles.

325
326 "Person" means an individual, corporation, partnership, association, state,
327 municipality, political subdivision of a state, and any agency, department, or
328 instrumentality of the United States and any officer, agent, or employee thereof.

329
330 "Primarily operated in the covered area" means at least ~~75% percent~~ of the miles
331 driven annually by a nonexempt motor vehicle are in the covered area. To
332 determine whether a motor vehicle is primarily operated in the covered area, the
333 owner or operator of a covered fleet must shall, for each motor vehicle that it is
334 claiming is not primarily operated in the covered area, perform the following
335 calculation:

336
337 Sum the number of miles the motor vehicle is driven annually in the
338 covered area;

339
340 Sum the number of miles the motor vehicle is driven annually outside of
341 the covered area; and

342
343 If the annual number of miles driven in the covered area is at least 75% of
344 all miles driven annually by the motor vehicle, then the motor vehicle is

345 considered to be primarily operated in the covered area.

346
347 "Ultimate purchaser" means, ~~for with respect to~~ a new motor vehicle, the first
348 person who in good faith purchases ~~thesuch~~ new motor vehicle or new engine for
349 purposes other than resale.

350
351 "Ultra Low Emission Vehicle (ULEV)" means any LDV, ~~or~~ LDT, ~~or any~~ HDV
352 with an engine certified to the applicable federal ultra low emission vehicle
353 standard, ~~as set forth~~ in Appendix A ~~of this Part~~ and in 40 CFR ~~Part~~ 88, Subpart
354 A, incorporated by reference in Section 241.104 ~~of this Subpart~~.

355
356 "Under normal conditions garaged at a personal residence" means a motor vehicle
357 that, when it is not in use, is normally parked at the personal residence of the
358 individual who usually operates it, rather than at a central location for refueling,
359 maintenance, and/or business, or any combination of them ~~location~~.

360
361 "Vehicle used for motor vehicle manufacturer product evaluations and tests"
362 means a motor vehicle that is owned and operated by a motor vehicle
363 manufacturer or motor vehicle component manufacturer, or owned or held by a
364 university research department, independent testing laboratory, or other ~~such~~
365 evaluation facility, solely to evaluate ~~for the purpose of evaluating~~ the
366 performance of ~~thesuch~~ motor vehicle for engineering, research and development,
367 or quality control reasons.

368
369 "Zero Emission Vehicle (ZEV)" means any LDV, ~~or~~ LDT, ~~or any~~ HDV certified
370 to the applicable federal zero emission vehicle standard, ~~as set forth~~ in Appendix
371 A ~~of this Part~~ and in 40 CFR ~~Part~~ 88, Subpart A, incorporated by reference in
372 Section 241.104 ~~of this Subpart~~.

373
374 (Source: Amended at 50 Ill. Reg. _____, effective _____)

375
376 **Section 241.103 Abbreviations**

377
378 This Part uses the following abbreviations:

379	Agency	Illinois Environmental Protection Agency
	ALVW	adjusted loaded vehicle weight
	CAA	Clean Air Act as amended in 1990
	CO	carbon monoxide
	g/bhp-hr	grams per brakehorsepower-hour
	g/mi	grams per mile
	GVWR	gross vehicle weight rating
	HCHO	formaldehyde

HDV	heavy-duty vehicle
ILEV	inherently low emission vehicle
kg	kilograms
lbs	pounds
LDT	light-duty truck
LDV	light-duty vehicle
LEV	low emission vehicle
LVW	loaded vehicle weight
MY	model year
NMOG	non-methane organic gas
NMHC	non-methane hydrocarbon
NO _x	oxides of nitrogen
PM	particulate matter
THC	total hydrocarbon
ULEV	ultra low emission vehicle
VIN	vehicle identification number
ZEV	zero emission vehicle

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(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART B: GENERAL REQUIREMENTS

Section 241.110 Applicability

- a) ~~This~~The requirements of this Part ~~applies~~shall apply to owners or operators of covered fleets. Covered fleets include distributed and partially covered fleets.
- b) ~~Despite~~Notwithstanding subsection (a) ~~of this Section~~, an owner or operator of a covered fleet who owns, operates, or controls motor vehicles which are located or primarily operated in the covered area, but are regulated by the state of Indiana or Wisconsin as part of that state's Clean Fuel Fleet Program, as required by ~~Section~~section 246 of the CAA, are only required to comply with ~~the requirements of~~ Section 241.115 ~~of this Subpart~~.
- c) A fleet owner or operator who owns or leases fewer than ~~10~~ten covered fleet vehicles ~~becomes~~shall become a covered fleet owner or operator on the date that the owner or operator acquires legal or equitable title to a motor vehicle which causes ~~the~~such fleet owner's or operator's fleet to equal or exceed ~~10~~ten covered fleet vehicles.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 241.111 Exemptions

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- a) The following motor vehicles are exempt from ~~the requirements of~~ Section 241.113 ~~of this Subpart~~ and are not considered to be covered fleet vehicles or included in the 10 motor vehicle count criterion of a covered fleet, whether or not ~~thesuch~~ motor vehicles are part of a covered fleet which is subject to the control requirements of this Subpart:
- 1) Motor vehicles held for lease or rental to the general public;
 - 2) Motor vehicles held for sale by dealers (including demonstration vehicles);
 - 3) Motor vehicles used for manufacturer product evaluations or tests;
 - 4) Law enforcement vehicles and other emergency vehicles;
 - 5) Motor vehicles not registered to operate on public roadways;
 - 6) Motor vehicles ~~exceeding in excess of~~ 26,000 lbs GVWR;
 - 7) Motor vehicles determined by the Secretary of Defense of the United States to be exempt from the program for national security reasons;
 - 8) Antique vehicles as defined in Section 1-102.1 of the Illinois Vehicle Code [625 ILCS 5/1-102.1];
 - 9) ~~Motor-driven cycles, motorcycles, and mopeds, Motorcycle, motor driven cycles, and motorized pedal cycles~~ as defined in Sections 1-145.001, 1-147, ~~1-148~~, and 1-148.2 of the Illinois Vehicle Code [625 ILCS 5/1-145.001, 1-147, ~~1-148~~, and 1-148.2];
 - 10) Motor vehicles that are not capable of being centrally fueled; and
 - 11) Motor vehicles that ~~are~~ under normal conditions are garaged at a personal residence, unless they are, in fact, centrally fueled.
- b) ~~Despite Notwithstanding~~ subsection (a) ~~of this Section~~, motor vehicles that are exempt from ~~the requirements of~~ Section 241.113 ~~of this Subpart~~, but are part of a covered fleet, are subject to the reporting and recordkeeping requirements in Sections 241.140 and 241.141 ~~of this Part~~.
- c) Owners or operators of a fleet claiming that a motor vehicle is exempt under subsection (a)(10) ~~of this Section~~ must demonstrate that the motor vehicle is not

capable of being centrally fueled and must comply with the recordkeeping requirements of Section 241.141(b) ~~of this Part.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 241.112 Registration of Fleet Owners or Operators

- a) An owner or operator of a covered fleet must apply for a fleet registration number on or before September 1, 1997, or within 60 days after becoming a covered fleet owner or operator, by providing the following information to the Agency:
 - 1) The owner's or operator's, and if applicable, the company's, name and address;
 - 2) Signature of the owner or operator;
 - 3) The location of records and reports required by this Part, including the contact person's name, address, and telephone number;
 - 4) The number of motor vehicles in the fleet; and
 - 5) The VIN for each motor vehicle and, if applicable, whether the motor vehicle is exempt ~~underpursuant to~~ Section 241.111 ~~of this Part~~ and which exemption applies.
- b) Fleet owners or operators ~~must~~ shall include their fleet registration number on all reports or other correspondence submitted to the Agency for the Clean Fuel Fleet Program.
- c) Fleet owners or operators participating in the credit program ~~under, as set forth in~~ Subpart C ~~of this Part~~, must register with the Agency by providing the information required in subsection (a) ~~of this Section.~~

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 241.113 Control Requirements

- a) Any covered fleet owner or operator who acquires one or more new covered fleet vehicles in a model year must meet the emission standards in subsection (e) ~~of this Section~~ for the following percentages of new covered fleet vehicle acquisitions:
 - 1) The portion of the acquisition of light-duty new covered fleet vehicles that

492 must be light-duty clean fuel vehicles in any model year ~~(MY)~~ are as
 493 follows:

- 494
- 495 A) In MY 1999, at least 30 ~~%percent~~;
- 496
- 497 B) In MY 2000, at least 50~~%percent~~; and
- 498
- 499 C) In MY 2001 and every following MY ~~thereafter~~, at least 70%
 500 percent.

501

502 2) The portion of the acquisition of heavy-duty new covered fleet vehicles
 503 that must be heavy-duty clean fuel vehicles ~~mustshall~~ be 50~~%percent~~ of
 504 the total number of heavy-duty new covered fleet vehicles acquired in
 505 each model year, commencing in MY 1999 ~~and thereafter~~.

506

507 b) Any fraction of a new clean fuel vehicle acquisition requirement resulting from
 508 the percentage calculation in subsection (a)(1) or (a)(2) ~~of this Section~~ may be
 509 carried over and added to the new clean fuel vehicle acquisition requirement in
 510 the next model year for that type of clean fuel vehicle (i.e. LDV/~~and~~ LDT; or
 511 HDV) in which an acquisition of ~~such~~ a clean fuel vehicle is required
 512 underpursuant to subsection (a) ~~of this Section~~.

513

514 c) An owner's or operator's light-duty and heavy-duty clean fuel vehicle acquisition
 515 requirements in a given model year ~~mustshall~~ be the number of clean fuel vehicles
 516 calculated in subsections (a)(1) and (a)(2) ~~of this Section~~ plus any fraction of the
 517 same category and weight class (i.e., LDV/LDT or HDV) of motor vehicle
 518 acquisition requirements carried over from a preceding year.

519

520 d) ~~Despite~~Notwithstanding subsections (b) and (c) ~~of this Section~~, in any model year
 521 ~~an~~ owner or operator must notshall:

522

523 1) Fall short of the acquisition requirements for new LDV/LDT or HDV
 524 clean fuel vehicles by one or more ~~an amount equal to or greater than one~~
 525 motor vehicle units~~unit~~;

526

527 2) Meet the acquisition requirements for clean fuel LDVs or LDTs through
 528 acquisition of clean fuel HDVs; or

529

530 3) Meet the acquisition requirements for clean fuel HDVs through the
 531 acquisition of clean fuel LDVs or LDTs.

532

533 e) Motor vehicles acquired to meet the requirements of subsection (a) ~~of this Section~~
 534 or Subpart C ~~of this Part~~ must be certified by USEPA to meet the federal emission

certification standards of either LEV, ULEV, ZEV, or ILEV for a clean alternative fuel(s) under, as set forth in Appendix A of this Part and in 40 CFR Part 88, incorporated by reference in Section 241.104 of this Part.

- f) The owner or operator must meet the acquisition requirements of subsection (a) of this Section by acquiring clean fuel vehicles or redeeming credits equal to or greater than the number of vehicle units calculated in complianceaccordance with subsection (a) of this Section through one or more of the following:
 - 1) Purchase or lease of clean fuel vehicles certified by USEPA to meet any of the LEV, ULEV, ZEV, or ILEV standards referenced in subsection (e) of this Section;
 - 2) Convert Conversion of existing or new motor vehicles to meet a LEV, ULEV, ZEV, or ILEV standard specified in subsection (e) of this Section, consistent with the requirements of Section 241.114 of this Subpart; or
 - 3) Redeem credits generated or acquired consistent with the requirements of Subpart C of this Part.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 241.114 Conversions

- a) If a motor vehicle which was not certified by the manufacturer as a clean fuel vehicle, but is subsequently converted in complianceaccordance with 40 CFR Part 88, Subpart C, incorporated by reference at Section 241.104 of this Part, and thesuch converted motor vehicle meets the requirements of this Section and Section 241.113(e) of this Subpart, it is a clean fuel vehicle.
- b) The owner or operator of the converted clean fuel vehicle must obtain sufficient documentation to verify that the motor vehicle meets the converted vehicle requirements in 40 CFR Part 88, Subpart C, incorporated by reference at Section 241.104 of this Part.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 241.115 Operating Requirements

- a) When a clean fuel vehicle acquired to meet the acquisition requirements of Section 241.113 of this Subpart or to generate credits under Subpart C of this Part is driven in the covered area, it must operate at all times on the clean alternative fuel(s) to which it is certified by USEPA under, as set forth in Section 241.113(e)

of this Subpart.

- b) ~~Despite~~Notwithstanding subsection (a) ~~of this Section~~, owners or operators of flexible-fueled and dual-fueled vehicles ~~must~~shall operate ~~the~~such motor vehicle on the clean alternative fuel(s) to which it is certified by USEPA ~~under, as set forth in~~ Section 241.113(e) ~~of this Subpart~~, and, where applicable, to which the owner or operator earned credits ~~under~~pursuant to Subpart C ~~of this Part~~, when the motor vehicle is driven in the covered area.
- c) Any clean fuel vehicle driven in the covered area but regulated by another state ~~must~~shall operate at all times on the clean alternative fuel(s) to which it was certified by USEPA.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART C: CREDITS

Section 241.130 Clean Fuel Fleet Credit Program

- a) Any owner or operator of ~~10~~ten or more fleet vehicles located or primarily operated in the covered area may participate in the clean fuel fleet credit program ~~if, provided that~~ the owner or operator requests that the Agency establish a clean fuel fleet credit account and complies with the registration, operating, emission standards, and recordkeeping and reporting requirements of Sections 241.112, 241.113(e), 241.115, and 241.142 ~~of this Part~~, respectively, ~~complies with and the requirements of~~ this Subpart, and, if the vehicle for which credit is being claimed is converted, complies with ~~the requirements of~~ Section 241.114 ~~of this Part~~.
- b) Any owner or operator of a fleet may earn credits by:
 - 1) Acquiring more clean fuel vehicles or fractions of clean fuel vehicles than required in any MY ~~under~~pursuant to Section 241.113 ~~of this Part~~;
 - 2) Acquiring clean fuel vehicles that meet the ULEV or ZEV standard;
 - 3) Acquiring clean fuel vehicles ~~belonging~~which belong to a category of motor vehicles that are otherwise exempt under Section 241.111 ~~of this Part~~; and
 - 4) Acquiring clean fuel vehicles before September 1, 1998, if the requirements of Section 241.112 ~~of this Part~~ have been met.
- c) Credits will be generated, redeemed, or traded after the owner or operator submits

621 the information ~~listed~~ in Section 241.140(a) and (b) ~~of this Part~~ to the Agency for
 622 each clean fuel vehicle involved in the credit transaction, requests that a credit
 623 transaction be posted, and states the number of credits added to and subtracted
 624 from the credit accounts, and the Agency has received and reviewed the submittal.
 625 Credit transactions must be authorized by the owner or operator whose account is
 626 being reduced. The Agency will review, and add to and subtract from credit
 627 accounts, according to the criteria of this Subpart and Appendix B ~~of this Part~~.

- 628
- 629 d) Credits ~~must~~ shall be designated by the Agency at the time of issuance as either
 630 LDV/LDT credits or HDV credits. LDV/LDT credits may not be exchanged for
 631 HDV credits and HDV credits may not be exchanged for LDV/LDT credits.
 632
- 633 e) ~~Despite Notwithstanding~~ subsection (b) ~~of this Section~~, if a clean fuel vehicle has
 634 ever been used to demonstrate compliance under Subpart B ~~of this Part~~, or used to
 635 generate credits under this Subpart, ~~that such~~ clean fuel vehicle may never be used
 636 by any other person to generate for the purpose of generating credits under this
 637 Subpart.
 638

639 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 640

641 **Section 241.131 Credit Provisions**
 642

- 643 a) The value of clean fuel vehicle credits ~~must~~ shall be assigned in
 644 compliance accordance with the values for the applicable class and weight
 645 category ~~as set forth~~ in Section 241. Appendix B: Tables A, B, C, D, E, and F.
 646
- 647 b) The number of clean fuel vehicle credits that are needed to satisfy a new covered
 648 fleet vehicle acquisition obligation ~~must~~ shall be determined in
 649 compliance accordance with the values for ~~all the~~ applicable classes class(s) and
 650 weight categories category(s), ~~as set forth~~ in Appendix B, Tables C and F;
 651 ~~contained in Appendix B of this Part~~.
 652

653 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 654

655 **SUBPART D: RECORDKEEPING AND REPORTING**
 656

657 **Section 241.140 Reporting Requirements**
 658

659 By November 1, 1999, and by November 1 every following year ~~thereafter~~, the owner or
 660 operator of a covered fleet must submit to the Agency the following information about its
 661 activities during the prior model year ~~to the Agency~~:
 662

- 663 a) For each motor vehicle newly acquired or being used to earn credits, which also

- 664 includes motor vehicles converted to clean fuel vehicles:
 665
 666 1) The make, model, and year of manufacture;
 667
 668 2) The date of vehicle acquisition;
 669
 670 3) The vehicle identification number (VIN);
 671
 672 4) The GVWR, as specified by the manufacturer;
 673
 674 5) If the motor vehicle is being used to earn credits, the LVW for LDTs
 675 whose GVWR is less than or equal to 6,000 lbs and the ALVW for LDTs
 676 whose GVWR is greater than 6,000 lbs;
 677
 678 6) The license plate number and state registered in; and
 679
 680 7) A statement ~~of~~ whether the motor vehicle is exempt underpursuant to
 681 Section 241.111 ~~of this Part~~ and which exemption applies.
 682
 683 b) For each clean fuel vehicle newly acquired or being used to earn credits, which
 684 also includes motor vehicles converted to clean fuel vehicles:
 685
 686 1) The low emission standard(s) to which the motor vehicle is certified by
 687 USEPA, consistent with Section 241.113(e) ~~of this Part~~;
 688
 689 2) The clean alternative fuel(s) ~~with~~ which the motor vehicle is certified to
 690 operate by the manufacturer ~~in order~~ to meet the federal low emission
 691 standard(s) in Section 241.113(e) ~~of this Part~~;
 692
 693 3) The 8-character alpha numeric bar-coded vehicle emission configuration
 694 number; and
 695
 696 4) For motor vehicles converted to clean fuel vehicles underpursuant to
 697 Section 241.114 ~~of this Part~~:
 698
 699 A) The date the motor vehicle was converted;
 700
 701 B) The name and address of the person(s) or firm performing the
 702 conversion; and
 703
 704 C) A statement that, to the best of the owner's or operator's
 705 knowledge, the motor vehicle was converted in
 706 compliance ~~accordance~~ with the applicable requirements of 40 CFR

~~Part~~ 88, incorporated by reference in Section 241.104 ~~of this Part~~.

- c) In addition to the information required in subsections (a) and (b) ~~of this Section~~, the owner or operator must state:
- 1) The number, to the nearest tenth, of clean fuel vehicles the owner or operator was required to acquire ~~underpursuant to~~ Section 241.113 ~~of this Part~~;
 - 2) How that obligation was met;
 - 3) If any of the clean fuel vehicles in the fleet used for compliance or credits in the last two model years are no longer part of the fleet, the VIN and the date the clean fuel vehicle was transferred or taken out of service; and
 - 4) If the fleet vehicles are centrally fueled at a location that is owned, operated, or controlled by the covered fleet owner or operator, the amount of bulk fuel purchased by type of fuel.
- d) All reports to the Agency must include the owner's or operator's fleet registration number, the name of the operation, and the signature of the owner or operator.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 241.141 Recordkeeping Requirements

- a) Owners or operators of covered fleets ~~mustshall~~ retain a copy of the title or lease for each motor vehicle in the fleet.
- b) For each motor vehicle that the owner or operator is claiming is exempt ~~underpursuant to~~ Section 241.111(a)(10) ~~of this Part~~, the owner or operator must retain records showing the roundtrip calculation exempting the motor vehicle under the definition of "capable of being centrally fueled", ~~as set forth~~ in Section 241.102 ~~of this Part~~.
- c) For each motor vehicle in a covered fleet located outside of the covered area that the owner or operator is claiming is not primarily operated in the covered area, the owner or operator must retain records demonstrating that the motor vehicle is not primarily operated in the covered area ~~under, as set forth in~~ the definition ~~offer~~ "primarily operated in the covered area" in Section 241.102 ~~of this Part~~.
- d) For each converted motor vehicle, the covered fleet owner or operator must retain documentation that the motor vehicle meets the applicable certification

requirements for converted motor vehicles in 40 CFR ~~Part~~ 88, Subpart C, incorporated by reference at Section 241.104 ~~of this Part~~.

- e) For fleets that are centrally fueled at a location that is owned, operated, or controlled by the covered fleet owner or operator, the owner or operator must retain monthly records of the amount and type of bulk fuel purchased.
- f) Fleet owners and operators of non-covered fleets who elect to participate in the credit program ~~under, as set forth in~~ Subpart C ~~of this Part~~, must maintain the following records for each motor vehicle that they are using to generate credits:
 - 1) A copy of the title or lease; and
 - 2) For each converted motor vehicle, documentation that the motor vehicle meets the applicable certification requirements for converted motor vehicles in 40 CFR ~~Part~~ 88, Subpart C, incorporated by reference at Section 241.104 ~~of this Part~~.
- g) The records required in this Section ~~must~~ shall be retained by the owner or operator for at least three years and ~~must~~ shall be made available immediately to the Agency upon request. ~~Despite this~~ Notwithstanding the above requirement, titles or leases to vehicles no longer under the control of the owner or operator need not be retained.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 241.142 Report on Credit Activities

- a) From time to time, the Agency may send a credit reconciliation report to credit account holders showing the balance of credits and any transaction since the last report. The fleet owner or operator ~~will~~ shall have 180 days to review and dispute the report. Failure by the fleet owner or operator to notify the Agency of a discrepancy entitles the Agency to presume that the credit reconciliation report is correct.
- b) Fleet owners or operators may request from the Agency in writing credit reconciliation reports for their credit accounts. ~~The~~ Such request ~~must~~ shall include the name and address of the owner or operator and the fleet registration number.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

792 **Section 241.APPENDIX A Emission Standards for Clean Fuel Vehicles**

793
794 **Section 241.TABLE D Emission Standards for Model Year 1998 and Later Heavy-Duty**
795 **Vehicles (g/bhp-hr)**
796

VEHICLE TYPE	THC	NO _x	NMHC + NO _x	CO	PM ¹	OMHCE	HCHO
GASOLINE ≤ 14,000 GVWR	1.1	4.0	---	14.4	---	1.1	---
GASOLINE > 14,000 GVWR	1.9	4.0	---	37.1	---	1.9	---
DIESEL	1.3	4.0	---	15.5	0.10	1.3	---
LEV CERTIFIED FUEL	(²)	(²)	3.8	(²)	(²)	(²)	---
LEV CERTIFIED CALIF. FUEL	(²)	(²)	3.5	(²)	(²)	(²)	---
ULEV	(²)	(²)	2.5	7.2	0.05	(²)	0.025
ILEV	(²)	(²)	2.5	14.4	0.10	(²)	0.025

797
798 ¹Standards for particulate matter (PM) apply only to diesel-fueled vehicles.

799 ²HD CFVs must meet conventional vehicle standards for THC, NO_x, CO, PM, and OMHCE

800
801 (Source: Amended at 50 Ill. Reg. _____, effective _____)

1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER I: AIR QUALITY STANDARDS AND EPISODES
5

6 PART 243
7 AIR QUALITY STANDARDS
8

9 SUBPART A: GENERAL PROVISIONS
10

11	Section	
12	243.101	Definitions
13	243.102	Scope
14	243.103	Applicability
15	243.104	Nondegradation (Repealed)
16	243.105	Air Quality Monitoring Data Influenced by Exceptional Events
17	243.106	Monitoring (Repealed)
18	243.107	Reference Conditions
19	243.108	Incorporations by Reference

20
21 SUBPART B: STANDARDS AND MEASUREMENT METHODS
22

23	Section	
24	243.120	PM ₁₀ and PM _{2.5}
25	243.121	Particulates (Repealed)
26	243.122	Sulfur Oxides (Sulfur Dioxide)
27	243.123	Carbon Monoxide
28	243.124	Nitrogen Oxides (Nitrogen Dioxide as Indicator)
29	243.125	Ozone
30	243.126	Lead
31		
32	243.APPENDIX A	Rule into Section Table (Repealed)
33	243.APPENDIX B	Section into Rule Table (Repealed)
34	243.APPENDIX C	Past Compliance Dates (Repealed)
35	243.TABLE A	Schedule for Flagging and Documentation Submission for Data Influenced 36 by Exceptional Events for Use in Initial Area Designations (Repealed)

37
38 AUTHORITY: Implementing Sections 7.2 and 10 and authorized by Section 27 of the
39 Environmental Protection Act [415 ILCS 5/7.2, 10, and 27].
40

41 SOURCE: Adopted as Chapter 2: Air Pollution, Part III: Air Quality Standards, in R71-23,
42 filed and effective April 14, 1972; amended in R80-11, at 6 Ill. Reg. 5804, effective April 22,
43 1982; amended in R82-12, at 7 Ill. Reg. 9906, effective August 18, 1983; codified at 7 Ill. Reg.

44 13630; amended in R91-35 at 16 Ill. Reg. 8185, effective May 15, 1992; amended in R09-19 at
45 35 Ill. Reg. 18857, effective October 25, 2011; amended in R13-11 at 37 Ill. Reg. 12882,
46 effective July 29, 2013; amended in R14-6 at 37 Ill. Reg. 19848, effective November 27, 2013;
47 amended in R14-16 at 38 Ill. Reg. 12900, effective June 9, 2014; amended in R15-4 at 39 Ill.
48 Reg. 5434, effective March 24, 2015; amended in R16-2 at 40 Ill. Reg. 4906, effective March 3,
49 2016; amended in R17-1 at 41 Ill. Reg. 1121, effective January 23, 2017; amended in R17-10 at
50 41 Ill. Reg. 13413, effective October 23, 2017; amended in R18-15 at 42 Ill. Reg. 9308, effective
51 May 29, 2018; amended in R19-6 at 43 Ill. Reg. 3034, effective February 19, 2019; amended in
52 R19-14/R20-3/R20-11 at 44 Ill. Reg. 14223, effective August 18, 2020; amended in R21-1 at 45
53 Ill. Reg. 337, effective December 17, 2020; amended in R22-8 at 46 Ill. Reg. 9068, effective
54 May 18, 2022; amended in R23-15 at 47 Ill. Reg. 14814, effective October 5, 2023; amended in
55 R24-15 at 48 Ill. Reg. 8097, effective May 16, 2024; amended in R25-7 at 48 Ill. Reg. 17597,
56 effective November 21, 2024; amended in R18-21 at 50 Ill. Reg. _____, effective
57 _____.

58
59 **SUBPART A: GENERAL PROVISIONS**

60
61 **Section 243.101 Definitions**

62
63 For ~~the purposes of~~ this Part, terms listed below ~~will~~ have the ~~definitions; meanings attributed to~~
64 ~~them~~ in this Section. As used in this Part, all terms not defined in this Section will have the
65 ~~definition in meaning given them by~~ the Act; the CAA, incorporated by reference in Section
66 243.108; or 35 Ill. Adm. Code 201.102.

67
68 "Act" means the Environmental Protection Act [415 ILCS 5].

69
70 "Agency" means the Illinois Environmental Protection Agency.

71
72 "Ambient air" means that portion of the atmosphere, external to buildings, to
73 which the general public has access.

74
75 "Clean Air Act" or "CAA" means the federal Clean Air Act (42 ~~U.S.C.~~ ~~USC~~ 7401
76 et seq., as amended), incorporated by reference in Section 243.108.

77
78 "Exceedance of a NAAQS" means one occurrence of a measured or modeled
79 concentration that exceeds the specified concentration level of that NAAQS for
80 the averaging period specified by the standard.

81
82 "Exceptional event"

83
84 "Exceptional event" means an event and its resulting emissions that
85 fulfill ~~fulfills all of~~ the following criteria:
86

87 The event affects air quality ~~so in such a way~~ that ~~there exists~~ a
88 clear causal relationship exists between the specific event and the
89 monitored exceedance or violation;

90
91 The event is not reasonably controllable or preventable;

92
93 The event is caused by human activity that is unlikely to recur at a
94 particular location or a natural event; and

95
96 The event is determined by USEPA in accordance with 40 CFR
97 50.14 to be an exceptional event.

98
99 An "exceptional event" does not include ~~any of the following~~:

100
101 Air pollution relating to source noncompliance;

102
103 Stagnation of air masses and meteorological inversions;

104
105 A meteorological event involving high temperatures or lack of
106 precipitation (i.e., severe, extreme, or exceptional drought).

107
108 BOARD NOTE: Stagnation of air masses, meteorological inversions, and
109 meteorological events involving high temperatures or lack of precipitation
110 do not directly cause pollutant emissions and are not exceptional events.
111 However, conditions involving high temperatures or lack of precipitation
112 may promote occurrences of particular types of exceptional events, such
113 as wildfires or high wind events, that do directly cause emissions.

114
115 "Federal equivalent method" or "FEM" means a method for measuring the
116 concentration of an air pollutant in the ambient air that USEPA has designated as
117 an equivalent method ~~underpursuant to~~ 40 CFR 53 and that is included in the List
118 of Designated Methods, including later updates, as incorporated by reference in
119 Section 243.108. ~~The;~~ the term "federal equivalent method" does not include a
120 method for which USEPA has cancelled or superseded an equivalent method
121 designation ~~underin accordance with~~ 40 CFR 53.11 or 53.16, as reflected in the
122 incorporation by reference in Section 243.108.

123
124 BOARD NOTE: Derived from 40 CFR 50.1(f) (definition of "equivalent
125 method"), 50.11(d)(2) (~~reference to designation~~ ~~parenthetical definition~~ of
126 "FEM"), and 53.1 (definition of "federal equivalent method"). The clause
127 "including later updates" in this definition is intended to exclude methods
128 canceled by USEPA ~~underpursuant to~~ 40 CFR 53.11 or 53.16 for which
129 the cancellation is included in the updates to the List of Designated

130 Methods incorporated by reference in Section 243.108. A federal
 131 designation of an FEM becomes effective upon publication of a notice in
 132 the Federal Register. A federal cancellation of an FEM becomes effective
 133 upon deletion from the listing of FEMs.

134
 135 "Federal land manager" means the Secretary of the department with authority over
 136 the federal Class I area (or the Secretary's designee).

137
 138 BOARD NOTE: See 40 CFR 50.1(r) and 51.301 (definitions of "federal
 139 land manager"). There are no federal Class I areas in or immediately
 140 abutting Illinois. See subpart D of 40 CFR 81.

141
 142 "Federal reference method" or "FRM" means a method of sampling and analyzing
 143 the ambient air for an air pollutant that USEPA has specified as a reference
 144 method in an appendix to 40 CFR 50, incorporated by reference in Section
 145 243.108, or a method that USEPA has designated as a reference method
 146 ~~underpursuant to~~ 40 CFR 53 and that is included in the List of Designated
 147 Methods, including later updates, incorporated by reference in Section 243.108.
 148 ~~The; the~~ term "federal reference method" does not include a method for which
 149 USEPA has cancelled or superseded a reference method designation ~~underin~~
 150 ~~accordance with~~ 40 CFR 53.11 or 53.16, as reflected in the incorporation by
 151 reference in Section 243.108.

152
 153 BOARD NOTE: Derived from 40 CFR 50.1(f) (definition of "reference
 154 method") and 53.1 (definition of "federal reference method"). The clause
 155 "including later updates" in this definition is intended to ~~exclude~~include
 156 methods canceled by USEPA ~~underpursuant to~~ 40 CFR 53.11 or 53.16 for
 157 which the cancellation is included in the updates to the List of Designated
 158 Methods incorporated by reference in Section 243.108. A federal
 159 designation of an FRM becomes effective upon publication of a notice in
 160 the Federal Register. A federal cancellation of an FRM becomes effective
 161 upon deletion from the listing of FRMs or from an appendix to 40 CFR
 162 50.

163
 164 "High wind dust event" ~~means~~is an event that includes the high-speed wind and
 165 the dust that the wind entrains and transports to a monitoring site.

166
 167 "High wind threshold" ~~means~~is the minimum wind speed capable of causing
 168 particulate matter emissions from natural undisturbed lands in the area affected by
 169 a high wind dust event.

170

171 "Micrograms per cubic meter" or " $\mu\text{g}/\text{m}^3$ " means one millionth (10^{-6}) of a gram of
172 a contaminant per cubic meter of ambient air, as measured and determined by the
173 methods prescribed for that contaminant.

174
175 BOARD NOTE: The Board added this definition and the following
176 definition of that for "milligrams per cubic meter liter".

177
178 "Milligrams per cubic meter" or " mg/m^3 " means one thousandth (10^{-3}) of a gram
179 of a contaminant per cubic meter of ambient air, as measured and determined by
180 the methods prescribed for that contaminant.

181
182 BOARD NOTE: The Board added this definition and the preceding
183 definition of "micrograms per cubic meter".

184
185 "National Ambient Air Quality Standard" or "NAAQS" means a standard
186 established by USEPA that applies for outdoor air throughout the United States.

187
188 BOARD NOTE: The Board added this definition, derived from the
189 definition in "Terms of Environment: Glossary, Abbreviations, and
190 Acronyms" (December 1997), EPA 175-B-97-001, at p. 30. USEPA has
191 codified the NAAQS at 40 CFR 50.

192 BOARD NOTE: The Board added this definition based on the definition in
193 "Terms of Environment: Glossary, Abbreviations, and Acronyms" (December
194 1997), document number EPA 175-B-97-001, USEPA, Office of
195 Communications, Education, and Public Affairs, at p. 30.

196
197 "Natural event" means an event and its resulting emissions, which may recur at
198 the same location, in which human activity plays little or no direct causal role. For
199 purposes of this definition, anthropogenic sources that are reasonably controlled
200 are not human activity that plays a direct causal role in causing emissions.

201
202 "Parts per billion" or "ppb" means the ratio of the parts of a specified contaminant
203 to a billion parts of air by weight ($1:10^{-9}$), as measured and determined by the
204 methods prescribed for that contaminant.

205
206 BOARD NOTE: The Board added this definition and the following
207 definition of that for "parts per million", derived from the parentheticals in
208 40 CFR 50.4(a) and (b) and 50.17(a) and the definition of "parts per
209 billion (ppb)/parts per million (ppm)" in "Terms of Environment:
210 Glossary, Abbreviations, and Acronyms" (December 1997), EPA 175-B-
211 97-001, at p. 34.
212

213 "Parts per million" or "ppm" means the ratio of the parts of a specified
214 contaminant to a million parts of air by weight ($1:10^{-6}$), as measured and
215 determined by the methods prescribed for that contaminant.

216
217 BOARD NOTE: The Board added this definition and the preceding
218 definition of "parts per billion", derived from the parentheses in 40 CFR
219 50.4(a) and (b) and 50.17(a) and the definition of "parts per billion
220 (ppb)/parts per million (ppm)" in "Terms of Environment: Glossary,
221 Abbreviations, and Acronyms" (December 1997), EPA 175-B-97-001, at
222 p. 34.

223
224 "PM₁₀" means particulate matter that has an aerodynamic diameter less than or
225 equal to a nominal 10 micrometers (μm).

226
227 BOARD NOTE: The Board added this definition, derived from the
228 parenthetical definition in 40 CFR 50.6(c).

229
230 "PM_{2.5}" means particulate matter that has an aerodynamic diameter less than or
231 equal to a nominal 2.5 micrometers (μm).

232
233 BOARD NOTE: The Board added this definition, derived from the
234 parenthetical definition in 40 CFR 50.7(a).

235
236 "Prescribed fire" means any fire intentionally ignited by management actions in
237 accordance with applicable laws, policies, and regulations to meet specific land or
238 resource management objectives.

239
240 "Traceable" means that a local standard has been compared and certified either
241 directly or through only~~via not more than~~ one intermediate standard, to a primary
242 standard, such as a National Bureau of Standards Standard Reference Material
243 (NBS SRM), or a USEPA/NBS-approved Certified Reference Material (CRM).

244
245 "USEPA" means the United States Environmental Protection Agency.

246
247 BOARD NOTE: Derived from 40 CFR 50.1(c). The Board has used
248 "USEPA" in text where USEPA has used "Administrator"; if action by
249 USEPA is clearly contemplated. Otherwise, the Board has used~~retained~~
250 ~~the term~~ "Agency" as defined in this Section.

251
252 "Wildfire" means any fire started by an unplanned ignition caused by lightning;
253 volcanoes; other acts of nature; unauthorized activity; or accidental, human-
254 caused actions, or a prescribed fire that has developed into a wildfire. A wildfire
255 that predominantly occurs on wildland is a natural event.

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"Wildland" means an area in which human activity and development are essentially non-existent, except for roads, railroads, power lines, and similar transportation facilities. Structures, if any, are widely scattered.

BOARD NOTE: Derived from 40 CFR 50.1 (2016), except as otherwise more specifically indicated.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 243.102 Scope

- a) This Part sets forth the NAAQS adopted by USEPA under ~~Section~~ 109 of the CAA (42 ~~U.S.C.~~ 7409) and incorporated into this Part under Sections 7.2 and 10(H) of the Act.
- b) National primary ambient air quality standards (primary NAAQS) define levels of air quality that USEPA has judged are necessary, with an adequate margin of safety, to protect the public health. National secondary ambient air quality standards (secondary NAAQS) define levels of air quality that USEPA has judged necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant. These standards are subject to revision, and additional primary and secondary NAAQS may be promulgated as USEPA deems necessary to protect the public health and welfare.
- c) The promulgation of primary and secondary NAAQS must not be considered in any manner to allow significant deterioration of existing air quality in any portion of this State.

BOARD NOTE: Derived from 40 CFR 50.2.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 243.105 Air Quality Monitoring Data Influenced by Exceptional Events

- a) The federal regulations at 40 CFR 50.14 provide that a state, federal land manager, or federal agency can seek USEPA determination that exceedances or violations of ~~aan~~ NAAQS are directly due to an exceptional event, as defined in Section 243.101 and derived from 40 CFR 50.1, so that the State can exclude affected ambient air quality monitoring data from a compliance determination. ~~An exceptional event is a natural event or the result of human activity that is unlikely to recur and that is not reasonably controllable or preventable that meets specified criteria.~~ The federal rule provides that a fireworks display, a prescribed

299 fire, a wildfire, a high wind dust event, a stratospheric intrusion, or an aggregate
300 of events on the same day can be an exceptional event.

301
302 b) The Agency must use the applicable procedures of 40 CFR 50.14 to obtain a
303 USEPA determination of an exceptional event and exclusion of affected ambient
304 air quality monitoring data, if the Agency determines that the data are influenced
305 by an exceptional event and should be excluded from a compliance determination.

306
307 c) Ambient air quality monitoring data excluded by a USEPA determination
308 ~~underpursuant to~~ 40 CFR 50.14 is excluded from use for compliance
309 determination under this Part.

310
311 BOARD NOTE: Derived from 40 CFR 50.14.

312
313 (Source: Amended at 50 Ill. Reg. _____, effective _____)

314
315 **Section 243.107 Reference Conditions**

316
317 All measurements of air quality that are expressed as mass per unit volume (e.g., micrograms per
318 cubic meter); other than for ~~particulate matter (PM_{2.5})~~ standards contained in Section 243.120(b),
319 (c), and (d) and lead standards contained in Section 243.126(b), are corrected to a reference
320 temperature of 25 °C, and ~~to~~ a reference pressure of 760 millimeters of mercury (1013.2
321 millibars). Measurements of PM_{2.5}; ~~for purposes of~~ comparison to the standards ~~contained~~ in
322 Section 243.120(b), (c), and (d), and lead; ~~for purposes of~~ comparison to the standards ~~contained~~
323 in Section 243.126(b); must be reported based ~~on upon the~~ actual ambient air volume measured at
324 the actual ambient temperature and pressure at the monitoring site during the measurement
325 period.

326
327 BOARD NOTE: Derived from 40 CFR 50.3.

328
329 (Source: Amended at 50 Ill. Reg. _____, effective _____)

330
331 **Section 243.108 Incorporations by Reference**

332
333 The following materials are incorporated by reference. These incorporations do not include any
334 later amendments or editions:

335
336 Government Printing Office (GPO), Washington, DC 20401, 202-783-3238,
337 www.govinfo.gov/. The following documents incorporated by reference are
338 available from this source:

339
340 Appendix A-1 to 40 CFR 50 (2024) (Reference Measurement Principle
341 and Calibration Procedure for the Measurement of Sulfur Dioxide in the

342 Atmosphere (Ultraviolet Fluorescence Method)), referenced in Section
343 243.122.

344
345 Appendix A-2 to 40 CFR 50 (2024) (Reference Method for the
346 Determination of Sulfur Dioxide in the Atmosphere (Pararosaniline
347 Method)), referenced in Section 243.122.

348
349 Appendix B to 40 CFR 50 (2024) (Reference Method for the
350 Determination of Suspended Particulate Matter in the Atmosphere (High-
351 Volume Method)), referenced in Appendix G to 40 CFR 50 (~~see~~
352 below).

353
354 Appendix C to 40 CFR 50 (2024) (~~Reference~~ Measurement Principle and
355 Calibration Procedure for the Measurement of Carbon Monoxide in the
356 Atmosphere (Non-Dispersive Infrared Photometry)), referenced in Section
357 243.123.

358
359 Appendix D to 40 CFR 50 ((2024) as amended in 88 Fed. Reg.
360 70598770598 (Oct. 12, 2023)) (Reference Measurement Principle and
361 Calibration Procedure for the Measurement of Ozone in the Atmosphere
362 (Chemiluminescence Method)), referenced in Section 243.125.

363
364 Appendix F to 40 CFR 50 (2024) (~~Reference~~ Measurement Principle and
365 Calibration Procedure for the Measurement of Nitrogen Dioxide in the
366 Atmosphere (Gas Phase Chemiluminescence)), referenced in Section
367 243.124.

368
369 Appendix G to 40 CFR 50 (2024) (Reference Method for the
370 Determination of Lead in Total Suspended Particulate Matter ~~Collected~~
371 from Ambient Air), referenced in Section 243.126.

372
373 Appendix J to 40 CFR 50 (2024) (Reference Method for the
374 Determination of Particulate Matter as PM₁₀ in the Atmosphere),
375 referenced in Section 243.120.

376
377 Appendix K to 40 CFR 50 (2024) (Interpretation of the ~~Primary and~~
378 Secondary National Ambient Air Quality Standards for Particulate
379 Matter), referenced in Section 243.120.

380
381 Appendix L to 40 CFR 50 (2024) (Reference Method for the
382 Determination of Fine Particulate Matter as PM_{2.5} in the Atmosphere),
383 referenced in Section 243.120.

384

385 Appendix N to 40 CFR 50 (2024) (Interpretation of the ~~Primary and~~
386 ~~Secondary~~ National Ambient Air Quality Standards for PM_{2.5} Particulate
387 Matter), referenced in Section 243.120.

388
389 Appendix O to 40 CFR 50 (2024) (Reference Method for the
390 Determination of Coarse Particulate Matter as PM_{10-2.5} in the
391 Atmosphere), referenced in ~~Appendix~~appendix Q to 40 CFR 50 and for
392 ~~use in~~ federally required monitoring by the NCore system underpursuant
393 ~~to~~ 40 CFR 58.

394
395 Appendix P to 40 CFR 50 (2024) (Interpretation of the Primary and
396 Secondary National Ambient Air Quality Standards for Ozone),
397 referenced in Section 243.125.

398
399 Appendix Q to 40 CFR 50 (2024) (Reference Method for the
400 Determination of Lead in Particulate Matter as PM₁₀ Collected from
401 Ambient Air), referenced in ~~Appendix~~appendix R to 40 CFR 50.

402
403 Appendix R to 40 CFR 50 (2024) (Interpretation of the National Ambient
404 Air Quality Standards for Lead), referenced in Section 243.126.

405
406 Appendix S to 40 CFR 50 (2024) (Interpretation of the Primary National
407 Ambient Air Quality Standards for Oxides of Nitrogen (Nitrogen
408 Dioxide)), referenced in Section 243.124.

409
410 Appendix T to 40 CFR 50 (2024) (Interpretation of the Primary and
411 Secondary National Ambient Air Quality Standards for Oxides of Sulfur
412 (Sulfur Dioxide)), referenced in Section 243.122.

413
414 Appendix U to 40 CFR 50 (2024) (Interpretation of the Primary and
415 Secondary National Ambient Air Quality Standards for Ozone),
416 referenced in Section 243.125.

417
418 Clean Air Act, 42 ~~U.S.C.~~USC 7401 et seq. (2022) (for definitions of terms
419 only), referenced in Section 243.101.

420
421 BOARD NOTE: ~~Segments of the~~ Code of Federal Regulations and ~~the~~
422 United States Code provisions are available for free download as PDF
423 documents from the GPO FDsys website: www.govinfo.gov/.

424
425 USEPA, National Exposure Research Laboratory, Human Exposure &
426 Atmospheric Sciences Division (MD-D205-03), Research Triangle Park, NC

27711. The following documents incorporated by reference are available from this source:

"List of Designated Reference and Equivalent Methods" (~~December 15, 2025~~~~June 15, 2024~~) (~~referred to as the~~ "List of Designated Methods"), ~~and~~ referenced in Sections 243.101, 243.120, 243.122, 243.123, 243.124, 243.125, and 243.126.

BOARD NOTE: The List of Designated Methods is available for free download as a PDF document from the USEPA, Technology Transfer, Ambient Monitoring Technology Information Center website:
https://www.epa.gov/system/files/documents/2025-12/amtic-list-december-2025_508-compliant.pdf
<https://www.epa.gov/system/files/documents/2024-06/amtic-list-june-2024-update.pdf>.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

SUBPART B: STANDARDS AND MEASUREMENT METHODS

Section 243.120 PM₁₀ and PM_{2.5}

- a) 1987 Primary and Secondary 24-Hour NAAQS for PM₁₀
 - 1) The level of the 1987 primary and secondary 24-hour NAAQS for PM₁₀ is 150 µg/m³, 24-hour average concentration. The 1987 primary and secondary NAAQS for PM₁₀ ~~are~~ attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³, as determined ~~under Appendix~~ ~~in accordance with appendix~~ K to 40 CFR 50, incorporated by reference in Section 243.108, is less than or equal to ~~or less than~~ one.
 - 2) This subsection (a)(2) corresponds with 40 CFR 50.6(b), a provision marked "reserved" by USEPA. This statement maintains structural consistency with the corresponding federal regulation.
 - 3) ~~To determine~~ ~~For the purpose of determining~~ attainment of the 1987 primary and secondary 24-hour NAAQS for PM₁₀, particulate matter must be measured in the ambient air as PM₁₀ by ~~a method that fulfills either of the following requirements:~~
 - A) An FRM based on ~~Appendix~~ ~~appendix~~ J to 40 CFR 50, incorporated by reference in Section 243.108, and

designated by USEPA and listed in the List of Designated Methods, incorporated by reference in Section 243.108; or

- B) An FEM designated by USEPA and listed in the List of Designated Methods, incorporated by reference in Section 243.108.

BOARD NOTE: ~~Derived~~This subsection (a) is derived from 40 CFR 50.6.

- b) 1997 Secondary Annual Average and Primary and Secondary 24-Hour NAAQS for PM_{2.5}

- 1) The 1997 secondary annual average NAAQS for PM_{2.5} is 15.0 µg/m³, annual arithmetic mean concentration, and the 1997 primary and secondary 24-hour NAAQS for PM_{2.5} is 65 µg/m³, 24-hour average concentration, measured in the ambient air as PM_{2.5} by ~~a method that fulfills~~ either ~~of the following requirements:~~

- A) An FRM based on ~~Appendix~~appendix L of 40 CFR 50, incorporated by reference in Section 243.108, and designated by USEPA and listed in the List of Designated Methods, incorporated by reference in Section 243.108; or
- B) An FEM designated by USEPA and listed in the List of Designated Methods, incorporated by reference in Section 243.108.

- 2) The 1997 secondary annual average NAAQS for PM_{2.5} is met when the annual arithmetic mean concentration, as determined ~~under Appendix~~in accordance with appendix N of 40 CFR 50, incorporated by reference in Section 243.108, is less than or equal to 15.0 µg/m³.

- 3) The 1997 primary and secondary 24-hour NAAQS for PM_{2.5} ~~are~~is met when the 98th percentile 24-hour concentration, as determined ~~under Appendix~~in accordance with appendix N of 40 CFR 50, incorporated by reference in Section 243.108, is less than or equal to 65 µg/m³.

BOARD NOTE: ~~Derived~~This subsection (b) is derived from 40 CFR 50.7.

- c) 2006 Secondary Annual Average and Primary and Secondary 24-Hour NAAQS for PM_{2.5}

- 1) The 2006 secondary annual average NAAQS for PM_{2.5} is 15.0 µg/m³, annual arithmetic mean concentration, and the 2006 primary and secondary 24-hour NAAQS for PM_{2.5} is 35 µg/m³, 24-hour average

concentration, measured in the ambient air as PM_{2.5} by ~~a method that fulfills either of the following requirements:~~

- A) An FRM based on ~~Appendix~~ ~~appendix~~ L of 40 CFR 50, incorporated by reference in Section 243.108, and designated by USEPA and listed in the List of Designated Methods, incorporated by reference in Section 243.108; or
 - B) An FEM designated by USEPA and listed in the List of Designated Methods, incorporated by reference in Section 243.108.
- 2) The 2006 secondary annual average NAAQS for PM_{2.5} is met when the annual arithmetic mean concentration, as determined ~~under Appendix~~ ~~in~~ ~~accordance with appendix~~ N of 40 CFR 50, incorporated by reference in Section 243.108, is less than or equal to 15.0 µg/m³.
- 3) The 2006 primary and secondary 24-hour NAAQS for PM_{2.5} ~~are~~ ~~is~~ met when the 98th percentile 24-hour concentration, as determined ~~under~~ ~~Appendix~~ ~~in~~ ~~accordance with appendix~~ N of 40 CFR 50, incorporated by reference in Section 243.108, is less than or equal to 35 µg/m³.

BOARD NOTE: ~~Derived~~ ~~This subsection (c) is derived~~ from 40 CFR 50.13.

d) 2012 Primary Annual Average and 24-Hour NAAQS for PM_{2.5}

- 1) The 2012 primary annual average NAAQS for PM_{2.5} is 12.0 µg/m³ annual arithmetic mean concentration, and the 2012 primary 24-hour NAAQS for PM_{2.5} is 35 µg/m³, 24-hour average concentration, measured in the ambient air as PM_{2.5} by ~~a method that fulfills either of the following requirements:~~
 - A) An FRM based on ~~Appendix~~ ~~appendix~~ L of 40 CFR 50, incorporated by reference in Section 243.108, and designated by USEPA and listed in ~~the~~ List of Designated Methods, incorporated by reference in Section 243.108; or
 - B) An FEM designated by USEPA and listed in ~~the~~ List of Designated Methods, incorporated by reference in Section 243.108.
- 2) The 2012 primary annual NAAQS for PM_{2.5} is met when the annual arithmetic mean concentration, as determined ~~under Appendix~~ ~~in~~ ~~accordance with appendix~~ N of 40 CFR 50, incorporated by reference in Section 243.108, is less than or equal to 12.0 µg/m³.

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- 3) The 2012 primary 24-hour NAAQS for PM_{2.5} is met when the 98th percentile 24-hour concentration, as determined ~~under Appendix~~
~~in accordance with appendix~~ N of 40 CFR 50, incorporated by reference in Section 243.108, is less than or equal to 35 µg/m³.

BOARD NOTE: ~~Derived~~~~This subsection (d) is derived~~ from 40 CFR 50.18.

e) 2024 Primary Annual Average and 24-Hour NAAQS for PM_{2.5}

- 1) The national primary ambient air quality standards for PM_{2.5} are 9.0 ~~micrograms per cubic meter (µg/m³)~~ annual arithmetic mean concentration and 35 µg/m³ 24-hour average concentration, measured in the ambient air as PM_{2.5} ~~(particles with an aerodynamic diameter less than or equal to a nominal 2.5 micrometers)~~ by either:
 - A) An FRM based on ~~Appendix~~~~appendix~~ L of 40 CFR 50, incorporated by reference in Section 243.108, and designated by USEPA and listed in ~~the~~ List of Designated Methods, incorporated by reference in Section 243.108; or
 - B) An FEM designated by USEPA and listed in ~~the~~ List of Designated Methods, incorporated by reference in Section 243.108.
- 2) The primary annual PM_{2.5} standard is met when the annual arithmetic mean concentration, as determined ~~under Appendix~~~~in accordance with~~
~~appendix~~ N of 40 CFR 50, incorporated by reference in Section 243.108, is less than or equal to 9.0 µg/m³.
- 3) The primary 24-hour PM_{2.5} standard is met when the 98th percentile 24-hour concentration, as determined ~~under Appendix~~~~in accordance with~~
~~appendix~~ N of 40 CFR 50, incorporated by reference in Section 243.108, is less than or equal to 35 µg/m³.

BOARD NOTE: ~~Derived~~~~This subsection (e) is derived~~ from 40 CFR 50.20.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 243.122 Sulfur Oxides (Sulfur Dioxide)

- a) 1971 Secondary Three-Hour NAAQS for Sulfur Oxides (as SO₂)

- 598 1) The level of the 1971 secondary three-hour NAAQS for sulfur oxides is
 599 0.5 ppm, not to be exceeded more than once per calendar year. The three-
 600 hour averages must be determined from successive non-overlapping three-
 601 hour blocks starting at midnight each calendar day and must be rounded to
 602 one decimal place (fractional parts equal to or greater than 0.05 ppm must
 603 be rounded up).
 604
- 605 2) Sulfur oxides must be measured in the ambient air as SO₂ by the FRM
 606 designated by USEPA and described in Appendixappendix A-2 to 40 CFR
 607 50, incorporated by reference in Section 243.108, or by an FEM
 608 designated by USEPA and listed in the List of Designated Methods,
 609 incorporated by reference in Section 243.108.
 610
- 611 3) To demonstrate attainment, the second-highest three-hour average must be
 612 based upon hourly data that are at least ~~75%75-percent~~ complete in each
 613 calendar quarter. A three-hour block average must be considered valid
 614 only if all three hourly averages for the three-hour period are available. If
 615 only one or two hourly averages are available, but the three-hour average
 616 would exceed the level of the standard when zeros are substituted for the
 617 missing values, subject to the rounding rule of subsection (~~ab~~)(1), this
 618 must be considered a valid three-hour average. In all cases, the three-hour
 619 block average must be computed as the sum of the hourly averages
 620 divided by three.
 621

622 BOARD NOTE: DerivedThis subsection (a) is derived from 40 CFR 50.5.

623
 624 b) 2010 Primary One-Hour NAAQS for Sulfur Oxides (as SO₂)
 625

- 626 1) The level of the 2010 primary one-hour NAAQS for sulfur oxides is 75
 627 ppb, measured in the ambient air as SO₂.
 628
- 629 2) The 2010 one-hour primary NAAQS for sulfur oxides is met at an ambient
 630 air quality monitoring site when the three-year average of the annual (99th
 631 percentile) of the daily maximum one-hour average concentrations is less
 632 than or equal to 75 ppb, as determined under Appendixin accordance with
 633 appendix T of 40 CFR 50, incorporated by reference in Section 243.108.
 634
- 635 3) The level of the 2010 one-hour primary NAAQS for sulfur oxides must be
 636 measured by an FRM designated by USEPA and based on
 637 Appendixappendix A-1 or A-2 of 40 CFR 50, incorporated by reference in
 638 Section 243.108, or by an FEM designated by USEPA and listed in the
 639 List of Designated Methods, incorporated by reference in Section 243.108.
 640

BOARD NOTE: ~~Derived~~~~This subsection (b) is derived~~ from 40 CFR 50.17.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 243.123 Carbon Monoxide

- a) The 1971 eight-hour and one-hour primary NAAQS for carbon monoxide are ~~as follows:~~
 - 1) An eight-hour average concentration of 9 ppm (10 mg/m³), not to be exceeded more than once per year; and
 - 2) A one-hour average concentration of 35 ppm (40 mg/m³), not to be exceeded more than once per year.
- b) The levels of carbon monoxide in the ambient air must be measured by ~~a method that fulfills either of the following requirements:~~
 - 1) An FRM based on ~~Appendix~~~~appendix~~ C of 40 CFR 50, incorporated by reference in Section 243.108, and designated by USEPA and listed in the List of Designated Methods, incorporated by reference in Section 243.108; or
 - 2) An FEM designated by USEPA and listed in the List of Designated Methods, incorporated by reference in Section 243.108.
- c) An eight-hour average concentration must be considered valid if at least ~~75%~~~~75 percent~~ of the hourly average for the eight-hour period is available. ~~If in the event that~~ only six-hour (or seven-hour) averages are available, the eight-hour average must be computed on the basis of the hours available using six (or seven) as the divisor.
- d) When summarizing data for comparison with the standards, averages must be stated to one decimal place. Comparison of the data with the levels of the standards in ppm must be made in terms of integers, with fractional parts of 0.5 or greater rounded up.

BOARD NOTE: Derived from 40 CFR 50.8.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 243.124 Nitrogen Oxides (Nitrogen Dioxide as Indicator)

- 684 a) The level of the 1971 primary annual average NAAQS for nitrogen oxides is 53
685 ppb, annual average concentration, measured in the ambient air as nitrogen
686 dioxide (NO₂).
687
- 688 b) The level of the 2010 primary one-hour NAAQS for nitrogen oxides is 100 ppb,
689 one-hour average concentration, measured in the ambient air as NO₂.
690
- 691 c) The level of the 1971 secondary annual average NAAQS for nitrogen oxides is
692 0.053 ppm (100 µg/m³), annual arithmetic mean concentration, measured in the
693 ambient air as NO₂.
694
- 695 d) The levels of the standards in subsections (a) through (c) ~~of this Section~~ must be
696 measured by:
697
- 698 1) An FRM based on ~~Appendix~~ ~~appendix~~ F to 40 CFR 50, incorporated by
699 reference in Section 243.108, and designated by USEPA and listed in the
700 List of Designated Methods, incorporated by reference in Section 243.108;
701 or
702
 - 703 2) By an FEM designated by USEPA and listed in the List of Designated
704 Methods, incorporated by reference in Section 243.108.
705
- 706 e) The 1971 primary annual average NAAQS for nitrogen oxides in subsection (a) ~~of~~
707 ~~this Section~~ is met when the annual average concentration in a calendar year is
708 less than or equal to 53 ppb, as determined ~~under Appendix in accordance with~~
709 ~~appendix~~ S of 40 CFR 50, incorporated by reference in Section 243.108, for the
710 annual standard.
711
- 712 f) The 2010 one-hour primary NAAQS for nitrogen oxides in subsection (b) ~~of this~~
713 ~~Section~~ is met when the three-year average of the annual 98th percentile of the
714 daily maximum one-hour average concentration is less than or equal to 100 ppb,
715 as determined ~~under Appendix in accordance with appendix~~ S of 40 CFR 50,
716 incorporated by reference in Section 243.108, for the ~~one-hour~~ ~~hour~~ standard.
717
- 718 g) The 1971 secondary annual average NAAQS for nitrogen oxides in subsection (c)
719 ~~of this Section~~ is attained when the annual arithmetic mean concentration in a
720 calendar year is less than or equal to 0.053 ppm, rounded to three decimal places
721 (fractional parts equal to or greater than 0.0005 ppm must be rounded up). To
722 demonstrate attainment, an annual mean must be based upon hourly data that are
723 at least ~~75%~~ ~~75 percent~~ complete or upon data derived from manual methods that
724 are at least ~~75%~~ ~~75 percent~~ complete for the scheduled sampling days in each
725 calendar quarter.
726

727 BOARD NOTE: Derived from 40 CFR 50.11.

728
729 (Source: Amended at 50 Ill. Reg. _____, effective _____)

730
731 **Section 243.125 Ozone**

732 a) 2008 Primary and Secondary Eight-Hour NAAQS for Ozone

733 1) The 2008 primary and secondary eight-hour NAAQS for ozone is 0.075
734 ppm, daily maximum eight-hour average, measured by:

735 A) ~~An~~ FRM based on ~~Appendix~~ appendix D to 40 CFR 50,
736 incorporated by reference in Section 243.108, and designated by
737 USEPA and listed in the List of Designated Methods, incorporated
738 by reference in Section 243.108; or

739 B) ~~An~~ FEM designated by USEPA and listed in the List of
740 Designated Methods, incorporated by reference in Section
741 243.108.

742
743 2) The 2008 primary and secondary eight-hour NAAQS for ozone ambient
744 air quality standards are met at an ambient air quality monitoring site
745 when the three-year average of the annual fourth-highest daily maximum
746 eight-hour average ozone concentration is less than or equal to 0.075 ppm,
747 as determined ~~under Appendix in compliance with appendix~~ P to 40 CFR
748 50, incorporated by reference in Section 243.108.

749 BOARD NOTE: ~~Derived~~ This subsection (a) is derived from 40 CFR
750 50.15.

751 b) 2015 Primary and Secondary Eight-Hour NAAQS for Ozone

752 1) The level of the eight-hour primary NAAQS for ozone is 0.070 ppm, daily
753 maximum eight-hour average, measured by:

754 A) ~~An FRM designated by USEPA and a reference method~~ based on
755 ~~Appendix~~ appendix D to 40 CFR 50, incorporated by reference in
756 Section 243.108; or

757 B) ~~An FEM~~ an equivalent method designated by USEPA and listed in
758 the List of Designated Methods, ~~or a Federal Register notice~~
759 incorporated by reference in Section 243.108.

- 770 2) The eight-hour primary NAAQS for ozone is met at an ambient air quality
771 monitoring site when the three-year average of the annual fourth-highest
772 daily maximum eight-hour average ozone concentration is less than or
773 equal to 0.070 ppm, as determined ~~under Appendix in compliance with~~
774 ~~appendix~~ U to 40 CFR 50, incorporated by reference in Section 243.108.
775
- 776 3) The level of the secondary NAAQS for ozone is 0.070 ppm, daily
777 maximum eight-hour average ozone concentration, measured by:
778
779 A) ~~An FRM designated by USEPA and a reference method~~ based on
780 ~~Appendix~~ D to 40 CFR 50, incorporated by reference in
781 Section 243.108; ~~or, and~~
782
783 B) ~~An FEM~~ designated by USEPA and listed in the List of Designated
784 Methods, ~~or a Federal Register notice~~ incorporated by reference in
785 Section 243.108.
786
- 787 4) The eight-hour secondary NAAQS for ozone is met at an ambient air
788 quality monitoring site when the three-year average of the annual fourth-
789 highest daily maximum eight-hour average ozone concentration is less
790 than or equal to 0.070 ppm, as determined ~~under Appendix in compliance~~
791 ~~with appendix~~ U to 40 CFR 50, incorporated by reference in Section
792 243.108.
793

794 BOARD NOTE: ~~Derived~~~~This subsection (b) is derived~~ from 40 CFR 50.19.

795
796 (Source: Amended at 50 Ill. Reg. _____, effective _____)
797

798 **Section 243.126 Lead**
799

- 800 a) 1978 Primary and Secondary Quarterly Average NAAQS for Lead
801

802 BOARD NOTE: Derived from 40 CFR 50.12. USEPA designated ~~an area of~~
803 Granite City (~~effective December 31, 2010~~) ~~and an area of Chicago (effective~~
804 ~~December 31, 2011)~~ as nonattainment with the 2008 primary and secondary three-
805 month average NAAQS for lead-~~effective December 31, 2010 and an area of~~
806 ~~Chicago effective December 31, 2011~~. See 76 Fed. Reg. 72097, ~~7210879108~~
807 (Nov. 22, 2011); 75 Fed. Reg. 71033, 71042 (Nov. 22, 2010). ~~This~~~~Thus, this~~
808 subsection (a) was obsolete on December 31, 2012, and the Board removed it.
809

- 810 b) 2008 Primary and Secondary Three-Month Average NAAQS for Lead
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- 1) The 2008 primary and secondary three-month average NAAQS for lead and its compounds ~~are~~ is 0.15 $\mu\text{g}/\text{m}^3$, arithmetic mean concentration over a three-month period, measured in the ambient air as lead ~~by either~~ by of the following:
 - A) An FRM based on ~~Appendix~~ appendix G of 40 CFR 50, incorporated by reference in Section 243.108, and designated by USEPA and listed in the List of Designated Methods, incorporated by reference in Section 243.108; or
 - B) An FEM designated by USEPA and listed in the List of Designated Methods, incorporated by reference in Section 243.108.
- 2) The 2008 primary and secondary three-month average NAAQS for lead are met when the maximum arithmetic three-month mean concentration for a three-year period, as determined ~~under Appendix in accordance with~~ appendix R of 40 CFR 50, incorporated by reference in Section 243.108, is less than or equal to 0.15 $\mu\text{g}/\text{m}^3$.

BOARD NOTE: Derived from 40 CFR 50.16.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER I: AIR QUALITY STANDARDS AND EPISODES
5

6 PART 244
7 EPISODES
8

9 SUBPART A: DEFINITIONS AND GENERAL PROVISIONS
10

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13	244.102	Responsibility of the Agency
14	244.103	Determination of Required Actions
15	244.104	Determination of Atmospheric Conditions
16	244.105	Determination of Expected Contaminant Emissions
17	244.106	Monitoring
18	244.107	Determination of Areas Affected
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20	244.109	Sealing of Offenders

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22 SUBPART B: LOCAL AGENCY RESPONSIBILITIES
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25	244.121	Local Agency Responsibilities

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27 SUBPART C: EPISODE ACTION PLANS
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41	244.163	Criteria for Declaring a Yellow Alert
42	244.164	Criteria for Declaring a Red Alert
43	244.165	Criteria for Declaring an Emergency

- 44 244.166 Criteria for Terminating Advisory, Alert, and Emergency
- 45 244.167 Episode Stage Notification
- 46 244.168 Contents of Episode Stage Notification
- 47 244.169 Actions During Episode Stages

- 49 244.APPENDIX A Rule into Section Table (Repealed)
- 50 244.APPENDIX B Section into Rule Table (Repealed)
- 51 244.APPENDIX C Compliance Dates
- 52 244.APPENDIX D Required Emission Reduction Actions

53
 54 AUTHORITY: Implementing Section 10 and authorized by Section 27 of the Environmental
 55 Protection Act [415 ILCS 5/10 and 27].

56
 57 SOURCE: Adopted as Rules 102 through 114, in R70-7, 1 PCB 101, filed and effective
 58 December 8, 1970; renumbered as Chapter 2: Air Pollution, Part IV: Episodes, in R72-6, 5 PCB
 59 183, filed and effective August 18, 1972; amended in R80-11, 45 PCB 577, at 6 Ill. Reg. 5804,
 60 effective April 22, 1982; codified at 7 Ill. Reg. 13632; amended in R91-35 at 16 Ill. Reg. 8191,
 61 effective May 15, 1992; amended in R18-21 at 50 Ill. Reg. _____, effective _____.

62
 63 SUBPART A: DEFINITIONS AND GENERAL PROVISIONS

64
 65 **Section 244.101 Definitions**

66
 67 ~~Terms~~All terms which appear in this Part have the definitions inspecified by this Part and 35 Ill.
 68 Adm. Code 201 and 211.

69
 70 "Air ~~stagnation advisory~~Stagnation Advisory" means a: ~~A~~ special bulletin issued
 71 by the National Weather Service entitled "Air Stagnation Advisory", ~~which is~~
 72 ~~used~~ to warn air pollution control agencies that stagnant atmospheric conditions
 73 are expected which could cause increased concentrations of air contaminants near
 74 the ground.

75
 76 "btu" means: British thermal unit.

77
 78 "Episode" means the: ~~The~~ period of time at a location in which an air pollution
 79 advisory, yellow alert, red alert, or emergency has been declared.

80
 81 "Fleet ~~vehicle~~Vehicle" means any: ~~Any~~ one of three or more vehicles operated to
 82 transport~~for the transportation of~~ persons or property to further~~in the furtherance~~
 83 of any commercial or industrial enterprise, for-hire or not-for-hire.

84
 85 "Indirect ~~source~~Source" means any: ~~Any~~ building, facility, plant, auditorium, or
 86 other structure or combination of them~~thereof~~, or any street, road, ~~or~~ highway, or

airport, which causes or contributes to air pollution ~~by attracting through the attraction of~~ mobile air pollution emission sources.

"Level" ~~means average:~~ ~~Average~~ concentration of an air contaminant during a specified time period.

"Low ~~sulfur fuel~~ ~~Sulfur Fuel~~" ~~means any:~~ ~~Any~~ fuel containing 1.0% or less sulfur by weight.

"Parking ~~lots~~ ~~Lots~~" ~~includes:~~ ~~Parking lots shall include~~ all lots, areas, buildings, or facilities or portions of lots, areas, buildings, or facilities, whose primary purpose is ~~for the~~ temporary motor vehicle parking ~~of motor vehicles~~.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 244.102 Responsibility of the Agency

The Director of the Illinois Environmental Protection Agency (Director) or ~~their~~ ~~his~~ designated ~~representative~~ ~~representative~~ has sole authority ~~to declare for the declaration of~~ episode stages under these rules. The Illinois Environmental Protection Agency (Agency) has primary responsibility ~~to for the~~ ~~conduct of~~ air pollution episode operations, including ~~but not limited to~~ air contaminant monitoring, source surveillance, and enforcement activities, during air pollution ~~episodes~~ ~~episodes~~ which affect any portion of the State of Illinois. The Agency ~~must~~ ~~shall~~ notify any local agency assigned a significant episode control role in the Illinois Air Pollution Implementation Plan ~~before initiating, altering, or terminating~~ ~~prior to the initiation, alteration or termination of~~ any episode stage or control strategy in the jurisdictional area of ~~the~~ ~~any such~~ local agency.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 244.103 Determination of Required Actions

To the maximum degree practicable, emission control actions taken ~~under pursuant to~~ these rules ~~must~~ ~~shall~~ be consistent with the extent of any air pollution alert or emergency.

- a) When ~~the existence of any episode stage is caused by~~ one or more specific emission sources ~~causes any episode stage~~, the Agency ~~must~~ ~~shall~~ require emission control action steps applicable only to ~~the~~ ~~such~~ source or sources to be taken.
- b) When ~~the existence of any episode stage is caused by~~ one or more specific air contaminants ~~causes any episode stage~~, action ~~must~~ ~~shall~~ be taken to reduce the concentration of ~~the~~ ~~such~~ contaminant or contaminants.

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- c) When motor vehicle emission control actions are required, the Agency mustshall promptly declare the applicable episode stage and phase actions ~~so as~~ to allow reasonable notice and preparation for effective vehicle control actions.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 244.104 Determination of Atmospheric Conditions

When determining expected atmospheric conditions, the Agency mustshall consider all available meteorological information, including ~~but not limited to~~ official National Weather Service observations, analyses, forecasts, and advisories and, as well as meteorological data and reports from other sources. Atmospheric conditions mustshall include ~~but not be limited to~~ stagnation areas, weather fronts, pressure systems, inversions, precipitation, and wind patterns and variations in solar insolation, temperature, and atmospheric stability.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 244.105 Determination of Expected Contaminant Emissions

When determining expected contaminant emissions, the Agency mustshall consider all available emission information, including ~~but not limited to~~ emission inventories for stationary sources, pertinent emissions summaries, motor vehicle traffic patterns, and known or estimated seasonal, daily, or hourly variations in emission rates or traffic patterns.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 244.106 Monitoring

- a) Monitoring stations used to determine advisory, alert, or emergency levels mustshall be located according to ~~federal~~Federal guidelines for establishment of air quality surveillance networks and mustshall use measurement methods or equivalent methods ~~as~~ officially authorized by the United States Environmental Protection Agency (USEPA).
- b) Whenever any monitoring station registers air contaminant concentrations ~~exceeding in excess of~~ advisory or alert levels, proper operation of the sampling equipment at ~~thesesuch~~ stations mustshall be verified by the Agency or any agency cooperating with the Agency before the concentrations are used to declare any advisory, alert, or emergency stage.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

173 **Section 244.107 Determination of Areas Affected**
 174

- 175 a) An advisory ~~must~~ shall be declared for the entire Illinois portion of any Air
 176 Quality Control Region if any part of ~~that~~ such region meets the advisory criteria.
 177 When atmospheric conditions and contaminant emissions in a region ~~are such as~~
 178 ~~to~~ cause the advisory criteria to be met in another region, an advisory ~~must~~ shall be
 179 declared for any Illinois portion of both regions.
 180
- 181 b) An alert or emergency ~~must~~ shall be declared for only those portions of an
 182 advisory area which meet the applicable criteria of Subpart D ~~of this Part~~ or cause
 183 ~~the~~ such criteria to be met elsewhere in Illinois or in another state. When ~~the~~ such
 184 criteria have been met, sectors of the advisory area requiring alert or emergency
 185 actions ~~must~~ shall be defined depending upon expected atmospheric conditions,
 186 contaminant emissions, and dispersion analyses. Alerts or emergencies ~~must~~ shall
 187 then be declared for one or more of these sectors.
 188

189 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 190

191 **Section 244.108 Failure to Comply with Episode Requirements**
 192

193 Failure to comply with an approved episode action plan, required actions ~~listed~~ in Appendix D,
 194 or the reasonable orders of the Director or ~~their~~ his designated representative during any alert or
 195 emergency ~~will~~ shall expose any person to the penalty provisions of the Environmental Protection
 196 Act ~~[415 ILCS 5/1 et. seq.](Ill. Rev. Stat. 1981, ch. 111½, pars. 1001 et seq.)~~ (Act). In all cases,
 197 the reasonable orders of the Director or ~~their~~ his designated representative ~~shall~~ take precedence
 198 over episode action plans or required actions ~~listed~~ in Appendix D. ~~However, those provided,~~
 199 ~~however, that such~~ orders ~~may~~ shall not exceed ~~the authority granted that which is authorized~~ by
 200 this Part or by the Act.
 201

202 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 203

204 **Section 244.109 Sealing of Offenders**
 205

206 To the extent allowed by the Act, the Agency may seal any facility, vehicle, vessel, aircraft, or
 207 equipment operated in violation of this Part during any alert or emergency or otherwise
 208 contributing to an immediate danger to health.
 209

210 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 211

212 **SUBPART B: LOCAL AGENCY RESPONSIBILITIES**
 213

214 **Section 244.121 Local Agency Responsibilities**
 215

216 Local air pollution control agencies ~~must~~shall cooperate with the Agency in monitoring,
 217 surveillance, and enforcement activities to the extent of their capabilities during any air pollution
 218 episode. This cooperation ~~must~~shall meet the following ~~specific~~ conditions:

- 219
- 220 a) Operation of Monitoring Equipment. At any time other than during an episode,
 221 local agencies with real-time monitoring equipment ~~must~~shall operate ~~that all such~~
 222 monitoring equipment at a minimum level necessary to determine whether any
 223 level of air contaminants specified in this Part has been reached.
- 224
- 225 b) Reporting Levels to Agency. ~~These~~Such local agencies ~~must~~shall report to the
 226 Agency within ~~thirty (30)~~ minutes by either telephone, ~~email,~~ or ~~fax~~telemetry
 227 when any advisory, alert, or emergency level ~~specified~~ in this Part has been
 228 reached, as indicated on their air monitoring equipment.
- 229
- 230 c) Operation of Telemetry Equipment. Local agencies with air contaminant
 231 sampling networks connected by telemetry with the headquarters of the Agency
 232 ~~must~~shall conduct their operations ~~in such a manner as~~ to provide valid data to the
 233 Agency.
- 234
- 235 d) Agency Representatives at Local Agency Control Centers. In regions where local
 236 agencies are participating with the Agency in episode control activities, one or
 237 more Agency representatives may station themselves at the control center of the
 238 local agency during an air pollution episode. The Agency representatives ~~shall~~
 239 have authority to cause data to be transmitted by telephone or other rapid form of
 240 communication to Agency headquarters and, after ~~consulting~~consultation with
 241 ~~the said~~ local agency, to require ~~initiating, altering, or terminating the initiation,~~
 242 ~~alteration or termination of~~ control strategy by persons required to take action
 243 under this Part as directed by the Director.
- 244
- 245 e) Local Agency Episode Operations Plan. Local agencies participating with the
 246 Agency in episode control activities ~~must~~shall file ~~with the Agency~~ for approval
 247 ~~with the Agency~~ an episode operations plan which describes procedures ~~to obtain~~
 248 ~~and process~~for obtaining and processing episode action plans; ~~monitor~~monitoring
 249 air contaminant levels during routine and episode operations; ~~alert,~~ alerting the
 250 public, governmental officials, emission sources, and other interested parties of
 251 episode stages; and ~~perform~~performing surveillance and enforcement activities
 252 during episodes.

253
 254 (Source: Amended at 50 Ill. Reg. _____, effective _____)

255
 256 SUBPART C: EPISODE ACTION PLANS

257
 258 **Section 244.141 Requirement for Plans**

259
 260 All persons responsible for ~~operating the operation of~~ a type of facility listed under of a type set
 261 ~~forth in~~ Section 244.142 must shall have on file with the Agency written episode action plans
 262 ~~(plans)~~, consistent with safe operating procedures, for reducing the levels of air contaminants
 263 during yellow alerts, red alerts, and emergencies. These plans must shall be designed to reduce
 264 air contaminants in compliance accordance with ~~the provisions of~~ these rules and must shall be on
 265 forms designed by the Agency. The Agency may develop ~~Further~~ guidelines interpreting these
 266 requirements, which must may be developed by the Agency and shall be filed with the Secretary
 267 of State under pursuant to the Administrative Procedure Act [5 ILCS 100/1-1 et. seq.](~~Ill. Rev.~~
 268 ~~Stat. 1981, ch. 127, par. 1001 et seq.~~).

269
 270 (Source: Amended at 50 Ill. Reg. _____, effective _____)

271
 272 **Section 244.142 Facilities for which Action Plans are Required**

- 273
 274 a) Electric power generating stations burning fossil fuels.
 275
 276 b) Facilities having fuel combustion emission sources with a total rated heat input
 277 exceeding in excess of 2.9 MW (10 MMbtummbtu/hr) burning coal or fuel oil,
 278 other than those sources exempted from permit requirements by 35 Ill. Adm.
 279 Code 201.146(c).
 280
 281 c) Facilities emitting more than 91 Mg/yr or 249 kg per operating day (100 tons per
 282 year or 550 pounds per operating day) of sulfur dioxide, carbon monoxide,
 283 nitrogen oxides, particulate matter, organic material, ~~or of~~ any other air
 284 contaminant designated by the Agency as harmful to human health.
 285
 286 d) Governmental or commercial installations established primarily to burn for the
 287 burning of refuse.
 288
 289 e) Parking lots ~~located~~ in major metropolitan areas with having spaces for more than
 290 200 vehicles. However, this excludes; except for those lots predominantly
 291 serving residences; medical facilities; rail, bus, and air transportation terminals;
 292 grocery stores and pharmacies; lots provided by employers primarily for their
 293 employees; and comparable lots ~~as~~ designated by the Agency.
 294
 295 f) Fleet vehicle operations of 50 or more vehicles in a major metropolitan area,
 296 except those used to deliver for delivery of grocery, pharmaceutical, and medical
 297 products.
 298
 299 g) Local, State, and federal ~~Federal~~ government agencies employing more than 100
 300 employees in a major metropolitan area.
 301

- 302 h) State, county, and municipal offices ~~responsible~~~~which have responsibility~~ for road
303 repair in a major metropolitan area.
304
- 305 i) Other governmental, industrial, or commercial establishments or activities
306 classified by the Agency as significant direct or indirect sources of air
307 contaminant emissions.
308

309 (Source: Amended at 50 Ill. Reg. _____, effective _____)
310

311 Section 244.143 Submission of Plans 312

- 313 a) Plans required by this rule ~~must~~~~shall~~ be submitted to:
314
- 315 1) The Agency, for facilities in Illinois ~~located~~ outside of Cook County.
316
 - 317 2) The Cook County Department of Environment and
318 Sustainability, ~~Environmental Control~~ for facilities ~~located~~ in Cook County
319 and outside of the City of Chicago.
320
 - 321 3) The Chicago Office of Sustainability, ~~Department of Environmental~~
322 ~~Control~~ for facilities ~~located~~ within the City of Chicago.
323
- 324 b) At any time after the effective date of this Part, the Agency may request plans
325 from all persons required to submit plans, or a local agency ~~specified~~ above may
326 request plans from persons required to submit plans to ~~that~~~~such~~ local agency. In
327 ~~these~~~~such~~ cases, plans ~~must~~~~shall~~ be submitted to the requesting agency within 30
328 days after ~~receiving~~~~receipt of~~ written notification that ~~these~~~~such~~ plans must be
329 submitted.
330
- 331 c) If any person required to submit a plan or revise a plan fails to submit a plan or
332 revise a plan satisfactory to the Agency, the Agency may file a formal complaint
333 with the Pollution Control Board ~~under~~~~(Board)~~ ~~pursuant to~~ applicable portions of
334 the Act.
335
- 336 d) Facilities ~~with~~~~having~~ operational changes invalidating plans ~~must~~~~shall~~ within 30
337 days of ~~those~~~~such~~ changes submit a new plan for Agency approval.
338

339 (Source: Amended at 50 Ill. Reg. _____, effective _____)
340

341 Section 244.144 Contents of Plans 342

- 343 a) Plans ~~must~~~~shall~~ list all significant sources of air contaminants within the facility;
344 ~~must~~~~shall~~ describe how the facility will reduce ~~the manner in which~~ contaminant

- 345 emissions ~~will be reduced~~ during yellow alert, red alert, and emergency; and
 346 must shall specify the approximate magnitude of emission reductions the facility
 347 will achieve~~the reduction of emissions that will be achieved~~.
 348
- 349 b) Plans for all electric power generating stations and for all facilities ~~located~~ in the
 350 Chicago, Peoria, or St. Louis (Illinois) major metropolitan areas with having fuel
 351 combustion emission sources required to take action during yellow alert to reduce
 352 sulfur dioxide emissions must shall specify either how the facility will assure~~the~~
 353 means whereby a supply of low sulfur fuel adequate for at least four days
 354 operation will be assured, or an emissions reduction plan to lower sulfur dioxide
 355 emissions to the amount that would~~those which would~~ be discharged if the facility
 356 switched to low sulfur fuel~~a switch to such fuel were effected~~.
 357
- 358 c) Plans for parking lots must shall list the major facilities serviced by the lot, the
 359 total parking capacity, and the estimated average number of vehicles
 360 using utilizing the lot each day. Plans must shall describe how the lot's operator
 361 will implement~~the manner in which~~ an orderly curtailment of parking will be
 362 effected on the first day and closure on the second calendar day of the applicable
 363 alert, including a method for preventing by which unauthorized use of the lot will
 364 be prevented. If the lot services grocery stores, pharmacies, medical offices or
 365 clinics, or other essential facilities ~~as~~ designated by the Agency, the plan must
 366 include procedures to allow employees and patrons of those facilities to for
 367 allowing use ~~of the lot to employees and patrons of such facilities shall be~~
 368 included in the plan.
 369
- 370 d) Plans for fleet vehicle operations must shall include the numbers and types of
 371 vehicles in the fleet and the estimated average number of vehicle miles operated
 372 in the major metropolitan area to which the plan applies. Plans must shall describe
 373 how the fleet's operator will implement~~the manner in which~~ an orderly
 374 curtailment of operations will be effected on the first day and cessation on the
 375 second calendar day of the applicable alert. If fleet vehicle operations include
 376 delivery of food, medicine, or perishable goods or emergency or necessary
 377 maintenance services of any kind, plans must shall include procedures to exempt
 378 those for exempting such services from curtailment and cessation.
 379
- 380 e) Plans for government agencies must shall include types of services rendered,
 381 number and location of employees engaged in such services, and the estimated
 382 number of employees driving to offices or driving in performance of the services.
 383 Plans must shall include how the agency will implement~~the methods by which~~
 384 orderly cessations of non-essential services will be effected to meet the
 385 requirements of Appendix D. Where government agencies are engaged in
 386 essential services, plans must shall indicate the nature and magnitude of the
 387 services and procedures to exempt those such services from cessation during any

388 alert or emergency.

389 (Source: Amended at 50 Ill. Reg. _____, effective _____)
390
391

392 **Section 244.145 Processing Procedures**
393

- 394 a) Local agencies designated to receive and evaluate episode action plans required
395 by this Part ~~must~~ file ~~those~~ such plans with the Agency within 30 days ~~after~~
396 ~~receiving them~~ following their receipt.
397
- 398 b) If any plan does not conform with or effectively implement the requirements of
399 this Part, the Agency ~~must~~ disapprove the plan, state the reasons for
400 disapproval, and require the plan to be revised.
401
- 402 c) During alerts or emergencies, plans required by this Part ~~must~~ be made
403 available at the facility in question to any person authorized to carry out the
404 provisions of this Part.
405

406 (Source: Amended at 50 Ill. Reg. _____, effective _____)
407

408 SUBPART D: EPISODE STAGES
409

410 **Section 244.162 Criteria for Declaring an Advisory**
411

412 The Director or ~~their~~ his/her designated representative ~~must~~ declare an air pollution advisory
413 whenever:
414

- 415 a) An air stagnation advisory is received for any area within the State; or
416
- 417 b) Any advisory or yellow alert level is equaled or exceeded at any monitoring
418 station; and
419
- 420 c) Atmospheric conditions, or expected contaminant emissions, are such that
421 concentrations can reasonably be expected to remain at or above the advisory or
422 yellow alert level for 24 or more hours; or
423
- 424 d) For ozone, atmospheric conditions, or expected contaminant emissions, are such
425 that concentrations can reasonably be expected to reoccur at any advisory, or
426 yellow alert, level on the following calendar day.
427

428 (Source: Amended at 50 Ill. Reg. _____, effective _____)
429

430 **Section 244.163 Criteria for Declaring a Yellow Alert**

431
432 The Director or ~~their~~^{his/her} designated representative ~~must~~^{shall} declare a yellow alert whenever:

- 433
- 434 a) Any yellow alert level is equaled or exceeded at any monitoring station; and
- 435
- 436 b) An air pollution advisory has been in effect for ~~four~~⁴ hours in the area for which
- 437 the yellow alert is to be declared; and
- 438
- 439 c) Atmospheric conditions~~;~~ or expected contaminant emissions~~;~~ are such that
- 440 concentrations can reasonably be expected to remain at or above the yellow alert
- 441 level for 12 or more hours; or
- 442
- 443 d) For ozone, atmospheric conditions~~;~~ or expected contaminant emissions~~;~~ are such
- 444 that concentrations can reasonably be expected to reoccur at a yellow alert level
- 445 on the following calendar day.
- 446

447 (Source: Amended at 50 Ill. Reg. _____, effective _____)

448
449 **Section 244.164 Criteria for Declaring a Red Alert**

450
451 The Director or ~~their~~^{his} designated representative ~~must~~^{shall} declare a red alert whenever:

- 452
- 453 a) Any red alert level is equaled or exceeded or any yellow alert level has been
- 454 equaled or exceeded continuously for the ~~preceding 24-hour~~^{preceding 24 hour}
- 455 period at any monitoring station; and
- 456
- 457 b) A yellow alert has been in effect for ~~four~~⁴ hours in the area for which the red alert
- 458 is to be declared; and
- 459
- 460 c) Atmospheric conditions~~;~~ or expected contaminant emissions~~;~~ are such that
- 461 concentrations can reasonably be expected to persist for 12 or more hours; or
- 462
- 463 d) For ozone, ~~atmospheric conditions~~^{atmospheric conditions}, or expected
- 464 contaminant emissions~~;~~ are such that concentrations can reasonably be expected
- 465 to reoccur at a red alert level on the following calendar day.
- 466

467 (Source: Amended at 50 Ill. Reg. _____, effective _____)

468
469 **Section 244.165 Criteria for Declaring an Emergency**

470
471 The Director or ~~their~~^{his} designated representative ~~must~~^{shall} declare an emergency whenever:

- 472
- 473 a) Any emergency level is equaled or exceeded or any red alert level has been

equaled or exceeded continuously for the ~~preceding 24-hour~~ preceding 24 hour period at any monitoring station; and

- b) A red alert has been in effect for 12 hours in the area for which the emergency is to be declared; and
- c) Atmospheric conditions, or expected contaminant emissions, are such that concentrations can reasonably be expected to persist or increase for 12 or more hours; or
- d) For ozone, atmospheric conditions, or expected contaminant emissions, are such that concentrations can reasonably be expected to reoccur at an emergency level on the following calendar day.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 244.166 Criteria for Terminating Advisory, Alert, and Emergency

The Director or ~~their~~his/her designated representative ~~must~~shall terminate any advisory, alert, or emergency stage when the applicable level ~~specified~~ in Section 244.161 no longer prevails and ~~when in their~~his/her judgment atmospheric conditions and expected contaminant emissions ~~are such as to~~ warrant ~~discontinuing~~discontinuance or lowering ~~of~~ that advisory, alert, or emergency stage.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 244.167 Episode Stage Notification

Whenever an advisory, ~~an~~ alert, or ~~an~~ emergency stage is declared or terminated, the Agency or local agency designated by the Agency ~~must~~shall notify:

- a) Concerned personnel of the Agency and of federal, local, and other State agencies;
- b) Facilities required to make preparations or take actions of major emission reducing consequence; and
- c) The public by radio, television, and other means of rapid communication.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 244.168 Contents of Episode Stage Notification

517 Notifications ~~must~~ shall contain ~~time and date of issuance;~~ the names of agencies or persons
 518 responsible for issuance; and the beginning and expected ending time of any advisory, alert, or
 519 emergency stage. Notifications ~~must~~ shall also contain details about the pollutant or
 520 ~~pollutants~~ pollutant(s) for which notification is made, such as maximum pollutant levels reached
 521 and predicted; geographical areas affected; specific pollution-reducing instructions to the public
 522 and ~~to~~ direct or indirect sources of air contaminants; ~~and, as well as~~ advice to persons who may
 523 be affected by the elevated pollution levels.

524
 525 (Source: Amended at 50 Ill. Reg. _____, effective _____)
 526

527 **Section 244.169 Actions During Episode Stages**
 528

- 529 a) Advisory Actions. When an air pollution advisory is in effect, the Agency and
 530 other agencies designated by the Agency ~~must~~ shall:
 531
- 532 1) Coordinate their activities and place their operational staffs in a state of
 533 increased readiness, except that, ~~for in the event of~~ an ozone advisory, the
 534 Agency need not monitor on a ~~24-hour~~ 24 hour basis.
 535
 - 536 2) Promptly verify the operation of their air monitoring instrument networks,
 537 and monitor data from ~~their~~ such instrument networks during all periods
 538 when there is reasonable likelihood of yellow alert levels occurring.
 539
 - 540 3) Evaluate atmospheric conditions and contaminant emissions data, and
 541 monitor changes in ~~these~~ such conditions and data during all periods when
 542 there is reasonable likelihood of yellow alert levels occurring.
 543
- 544 b) Yellow Alert, Red Alert, and Emergency Actions. When a yellow alert, red alert,
 545 or emergency is in effect, personnel of the Agency, local agencies designated by
 546 the Agency, direct and indirect emission sources, and ~~such~~ other persons ~~as are~~
 547 required to take actions according to this Part ~~must~~ shall take all actions required
 548 of them in Appendix D, ~~to the extent that these, of this Part insofar as such~~ actions
 549 ~~apply are applicable~~ to the declared episode stage and contaminant for which the
 550 episode stage has been declared.
 551
- 552 1) Actions by local agencies designated by the Agency ~~must comply~~ shall be
 553 ~~in accordance~~ with their episode operations plan if the Agency has
 554 approved a such plan ~~has been approved by the Agency~~.
 555
 - 556 2) Actions by direct or indirect sources of emissions ~~must comply~~ shall be in
 557 ~~accordance~~ with their episode action plan if the Agency has approved
 558 a such plan ~~has been approved by the Agency~~.
 559

560 (Source: Amended at 50 Ill. Reg. _____, effective _____)
561

562 Section 244.APPENDIX A Rule into Section Table (Repealed)

563

<u>RULE</u>	<u>SECTION</u>
401	244.101
402(a)	244.102
402(b)	244.103
402(c)	244.104
402(d)	244.105
402(e)	244.106
402(f)	244.107
402(g)	244.108
420(h)	244.109
403	244.121
404(a)	244.141
404(b)	244.142
404(c)	244.143
404(d)	244.144
404(e)	244.145
405(a)	244.161
405(b)	244.162
405(c)	244.163
405(d)	244.164
405(e)	244.165
405(f)	244.166
406(a)	244.167
406(b)	244.168
407	244.169

564

565 (Source: Repealed at 50 Ill. Reg. _____, effective _____)

566

567 Section 244.APPENDIX B Section into Rule Table (Repealed)

568

<u>SECTION</u>	<u>RULE</u>
244.101	401
244.102	402(a)
244.103	402(b)
244.104	402(c)
244.105	402(d)
244.106	402(e)
244.107	402(f)
244.108	402(g)
244.109	402(h)
244.121	403
244.141	404(a)
244.142	404(b)
244.143	404(c)
244.144	404(d)
244.145	404(e)
244.161	405(a)
244.162	405(b)
244.163	405(c)
244.164	405(d)
244.165	405(e)
244.166	405(f)
244.167	406(a)
244.168	406(b)
244.169	407

569

570 (Source: Repealed at 50 Ill. Reg. _____, effective _____)

571

Section 244. APPENDIX D Required Emission Reduction Actions¹ for Sulfur Dioxide, ~~PM₁₀~~ PM-10, Nitrogen Dioxide, and Carbon Monoxide

YELLOW ALERT

- 1) The Agency ~~must~~ shall notify the public by radio, ~~and/or~~ television, or both that a Yellow Alert is in effect; that the public is required to take action in accordance with these regulations; that the public is requested to avoid the unnecessary use of automobiles and ~~of~~ electricity; and that persons suffering from respiratory or heart conditions should take appropriate precautions.

- 2) Electric power generating stations ~~must~~ shall effect the maximum feasible reduction of emissions by ~~using~~ utilizing fuels which have low ash content and less than 1.0% sulfur by weight (1.5% in the case of fuel oil), ~~provided, however, that emission from such stations shall not exceed the applicable emission standards and limitations of 35 Ill. Adm. Code 214;~~ by limiting soot blowing and boiler lancing, where essential, to periods of maximum atmospheric turbulence; by diverting power generation to stations outside the area for which the Alert is in effect; or by any other means approved by the Agency. Additionally, emissions from these stations must not exceed the applicable emission standards and limitations of 35 Ill. Adm. Code 214. These Such actions will ~~comply~~ be in accordance with the Yellow Alert Plan if ~~the~~ such plan has been approved for that station.

- 3) Facilities ~~which have~~ having fuel combustion emission sources with a total rated capacity ~~exceeding in excess of~~ 10 million btu/hr and ~~burn~~ burning coal, ~~and/or~~ fuel oil, or both ~~must~~ shall reduce emissions by ~~using~~ utilizing fuels which have low ash content and less than 1.0% sulfur weight (1.5% in the case of fuel oil) ~~provided, however, that emissions from such facilities shall not exceed the applicable emission standards and limitations of 35 Ill. Adm. Code 214;~~ by limiting soot blowing and boiler lancing, where essential, to periods of high atmospheric turbulence; or by any other means approved by the Agency. If fuels of low ash and sulfur content are not available, ~~these~~ such facilities, with the exemption of residences, hospitals, and other essential facilities ~~as~~ designated by the Agency, ~~must~~ shall curtail fuel burning to the maximum degree consistent with avoiding injury to persons or severe damage to property. Additionally, emissions from these facilities must not exceed the applicable emissions standards and limitations of 35 Ill. Adm. Code 214. These Such actions will ~~comply~~ be in accordance with the Yellow Alert Plan if ~~the~~ such plan has been approved for that facility.

- 4) Facilities engaged in manufacturing required to submit Yellow Alert plans ~~must~~ shall curtail or defer production and allied operations to the extent necessary to avoid emissions ~~exceeding what in excess of those which~~ would be discharged if the facility were operated in ~~compliance~~ accord with ~~regulatory~~ the limitations ~~prescribed by the~~

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615 ¹ During each stage, only those actions which cause a reduction of emissions of contaminants for
616 which such stage has been declared are required. ~~Cf.~~ 35 Ill. Adm. Code 244.102 through
617 244.109, and 244.168(b).

618
619 ~~regulations limiting emissions, to the extent that these insofar as such~~ reductions can be
620 achieved without creating injury to persons or severe damage to property. ~~These~~ Such
621 reductions ~~must~~ shall be made ~~despite notwithstanding~~ any variance or program of delayed
622 compliance with the regulations, and ~~must~~ shall be in accord with the Yellow Alert plan if
623 ~~the~~ such plan has been approved for that facility.

- 624
625 5) All open burning and all incineration except as provided below are prohibited. Certain
626 burning of explosive or pathological wastes may be exempted from this restriction by the
627 Agency in writing upon specific written application.
628
629 6) Incinerators meeting the emission standards and limitations of this Chapter may be
630 operated only during the hours of maximum atmospheric turbulence as designated by the
631 Agency.

632
633 RED ALERT

- 634
635 1) All actions required during the Yellow Alert ~~must~~ shall be continued.
636
637 2) The Agency ~~must~~ shall notify the public by radio, ~~and or~~ television, ~~or both~~ that a Red
638 Alert is in effect; that the public is required to take action in ~~compliance accordance~~
639 with these regulations; that the public is requested to avoid the unnecessary use of automobiles
640 and ~~of~~ electricity; and that persons suffering from respiratory or heart conditions should
641 take appropriate precautions.
642
643 3) All incineration and all open burning are prohibited. Certain burning of explosive or
644 pathological wastes may be exempted from these restrictions by the Agency in writing
645 upon specific written application.
646
647 4) Facilities engaged in manufacturing and required to submit Red Alert Plans ~~must~~ shall
648 curtail any production, including the generation of process steam, which emits
649 contaminants into the atmosphere, to the greatest extent possible without causing injury
650 to persons or severe damage to equipment. ~~The~~ Such action ~~must comply shall be in~~
651 ~~accordance~~ with the Red Alert Plan if ~~the~~ such plan has been approved for that facility.

652
653 EMERGENCY

- 654
655 1) All actions required during the Yellow Alert and Red Alert ~~must~~ shall be continued.
656
657 2) The unnecessary use of electricity, such as for decorative or amusement purposes, is

658 prohibited.

659

660 3) The use of motor vehicles is prohibited except for essential uses, such as police, fire, and
 661 health services; delivery of food or essential fuel; waste collection; utility or pollution
 662 control emergency repairs; and ~~such~~ comparable uses ~~as may be~~ designated by
 663 authorized Highway and Law Enforcement Officials in compliance~~accordance~~ with the
 664 Illinois Emergency Highway Traffic Regulations Plan.

665

666 4) All aircraft flights leaving the area of the Emergency are forbidden except for reasons of
 667 public health or safety ~~as~~ approved by the Agency in advance.

668

669 5) Buildings mustshall be heated to temperatures no greater than 65 °F, ~~65° F~~ except for
 670 hospitals and for other buildings approved by the Agency for reasons of health or severe
 671 damage to property.

672

673 6) All manufacturing activities mustshall be curtailed to the greatest extent possible without
 674 causing injury to persons or severe damage to equipment.

675

676 7) All facilities or activities ~~listed~~ below mustshall immediately cease operations:

677

678 a) Mining and quarrying, contract construction work, and wholesale trade
 679 establishments.

680

681 b) Schools, except elementary schools which mustshall close at the end of the
 682 normal school day and not re-open until the Emergency is terminated.

683

684 c) Government agencies, except those needed to administer air pollution alert
 685 programs and other essential agencies determined by Agency to be vital for public
 686 safety and welfare.

687

688 d) Retail trade stores, except those dealing primarily in the sale of food or
 689 pharmacies.

690

691 e) Real estate agencies, insurance offices, and similar business.

692

693 f) Laundries, cleaners and dryers, beauty and barber shops, and photographic
 694 studios.

695

696 g) Amusement and recreational service establishments, such as motion picture
 697 theaters.

698

699 h) Automobile repair and automobile service garages.

700

701 i) Advertising offices, consumer credit reporting, adjustment and collecting
702 agencies, printing and duplicating services, rental agencies, and commercial
703 testing laboratories.
704

705 REQUIRED EMISSION REDUCTION ACTIONS
706 – OZONE –
707

708 1. GENERAL

709 Yellow –Alert – All Advisory Actions continue.

710 Government officials, public, and submitters of Action Plans notified.
711

712 Red Alert – All Advisory and Yellow Alert actions continue.

713 Government officials, public, and submitters of Action Plans notified.
714

715 Emergency – All Advisory, Yellow Alert, and Red Alert actions continue.

716 Government officials, public, and submitters of Action Plans notified.
717

718 2. VEHICLES PARKING LOTS ROAD REPAIRS
719

720 Yellow Alert – Public requested to avoid the unnecessary use of automobiles.
721

722 Red Alert – Fleet vehicles, other than mass transit vehicles and vehicles used for the
723 delivery of grocery and pharmaceutical products; essential fuel; ~~for~~ emergency medical
724 services; and ~~for such~~ comparable uses ~~as~~ designated by the Agency, must immediately
725 curtail operations to the greatest extent possible in or into the area affected by the Red
726 Alert and cease operations on the second calendar day of the Alert.
727

728 Parking lots for more than 200 vehicles, except for lots predominately serving
729 residences; grocery stores; medical facilities; rail, bus, and air transportation terminals;
730 lots provided by employers primarily for employees; and comparable lots ~~as~~ designated
731 by the Agency, must ~~shall~~ immediately curtail operations and close on the second
732 calendar day of the Alert.
733

734 Road repair and maintenance not necessary for immediate safety and which, if
735 suspended, will expedite the flow of vehicular traffic is prohibited.
736

737 Emergency – Motor vehicle operation in or into the area affected by the Emergency is
738 prohibited, except for essential uses such as police, fire, and health services, and
739 comparable uses designated by the Illinois Emergency Highway Traffic Regulation Plan.
740 All aircraft flights leaving the area of the Emergency are forbidden except for reasons of
741 public health or safety.
742

743 3. MANUFACTURING AND OTHER FACILITIES HAVING PROCESS EMISSION

744 SOURCES

745
 746 Yellow Alert – Facilities engaged in manufacturing must review operations and Action
 747 Plans, inspect emission control devices, determine areas of delayable operations, and
 748 from ~~these such~~ steps revise operations ~~so as~~ to cause greatest feasible reduction in
 749 emissions, ~~emission~~ short of adversely affecting normal production.

750
 751 Red Alert – All facilities with process or fuel combustion emission sources emitting ~~a~~
 752 ~~total of~~ more than 100 tons per year or 550 pounds per operating day of organic material
 753 ~~or of~~ nitrogen oxides, and all other facilities not in compliance with the organic material
 754 and nitrogen oxides emissions standards of Part 2 of this Chapter, must curtail all such
 755 sources to the greatest extent possible short of causing injury to persons, severe damage
 756 to equipment, or an increase in emissions.

757
 758 Emergency – All operations must be curtailed to the greatest extent possible, short of
 759 causing injury to persons or severe damage to equipment.

760
 761 4. ELECTRIC POWER GENERATORS AND USERS

762
 763 Yellow Alert – Electric power generating stations burning fossil fuels are requested to
 764 reduce emissions in and into the affected area to the greatest extent practicable by
 765 adjusting operations system-wide ~~system wide~~ or by any other means approved by the
 766 Agency.

767
 768 The public is requested ~~Public request~~ to avoid unnecessary use of electricity.

769
 770 Red Alert – Electric power generating stations burning fossil fuels are required to take all
 771 Yellow Alert Actions, ~~and in addition~~ discontinue power generation for economy sales
 772 and service to interruptible ~~interruptable~~ customers, and maximize purchase of available
 773 power.

774
 775 Unnecessary use of electricity, such as for decorative or advertising purposes, is
 776 prohibited.

777
 778 Emergency – Electric power generating stations burning fossil fuel must continue Yellow
 779 Alert and Red Alert actions and, in addition, effect the maximum feasible reduction of
 780 emissions by reducing voltage 2.5% system-wide ~~system wide~~, purchasing ~~purchase~~ all
 781 available emergency power, and requesting large customers (500 kw) to reduce their
 782 electric demand, or by any other means approved by the Agency.

783
 784 5. OFFICES, BUILDINGS, AND OTHER COMMERCIAL AND SERVICES
 785 OPERATIONS

786

787 Yellow Alert – ~~The public is~~Public requested to limit space heating to 65 °F and 65° F, air
788 conditioning to 80 °F 80° F.

789
790 Red Alert – ~~Heating for public~~Public, industrial, and commercial ~~spaces is~~space heating
791 limited to 65 °F and 65° F, air conditioning to 80 °F, 80° F except for hospitals and ~~for~~
792 other buildings approved by the Agency.

793
794 Governmental agencies, except those needed to administer essential programs, must
795 close.

796
797 Schools must close except elementary schools, which close at the end of the normal
798 school day and do not reopen until the Alert is terminated.

799
800 ~~Loading~~The loading of more than 250 gallons of volatile organic material into any
801 stationary tank, railroad tankcar, tank truck, or tank trailer is prohibited, except where it is
802 an integral part of an industrial operation allowed during Red Alert.

803
804 Emergency – All facilities or activities ~~listed~~ below must immediately cease operation;
805 mining and quarrying; contract construction work; wholesale trade establishments;
806 retail trade stores, except those dealing primarily in the sale of food or pharmaceuticals;
807 real estate agencies, insurance offices and similar businesses; laundries, cleaners, and
808 dryers; beauty and barber shops; ~~and~~ photographic studios; ~~amusement.~~ ~~Amusement~~ and
809 recreational service establishments such as motion picture theaters; automobile repair
810 and automobile service garages; ~~advertising.~~ ~~Advertising~~ offices; consumer credit
811 reporting ~~and~~; adjustment and collection agencies; printing and duplicating services;
812 rental agencies; and commercial testing laboratories.

813
814 6. REFUSE BURNERS

815
816 Yellow Alert – Governmental or commercial installations established primarily to
817 ~~burn~~~~for the burning of~~ refuse must~~shall~~ postpone delayable incinerations. All, ~~all~~ other
818 incineration and all open burning are prohibited.

819
820 Red Alert – All incineration is prohibited.

821
822 (Source: Amended at 50 Ill. Reg. _____, effective _____)

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER I: AIR QUALITY STANDARDS AND EPISODES

PART 245
ODORS

9	Section	
10	245.100	Definitions
11	245.101	Incorporation by Reference
12	245.120	Inedible Rendering Process
13	245.121	Objectionable Odor Nuisance Determination

15	245.APPENDIX A	Rule into Section Table <u>(Repealed)</u>
16	245.APPENDIX B	Section into Rule Table <u>(Repealed)</u>

18 AUTHORITY: Implementing Section 10 and authorized by Section 27 of the Environmental
19 Protection Act [415 ILCS 5/10, 27].

21 SOURCE: Adopted as Chapter 2: Air Pollution, Part VIII: Odors in R71-23, 4 PCB 191, filed
22 and effective April 14, 1972; codified at 7 Ill. Reg. 13635; amended in R18-21 at 50 Ill. Reg.
23 _____, effective _____.

25 **Section 245.100 Definitions**

27 "Animal and ~~marine matter~~Marine Matter" means any: ~~Any~~ product or derivative
28 of animal life.

30 "Food ~~service establishment~~Service Establishment" means any: ~~Any~~ fixed or
31 mobile restaurant; coffee shop; cafeteria; short order cafe; luncheonette; grill; tea
32 room; sandwich shop; soda fountain; tavern; bar; cocktail lounge; nightclub;
33 roadside stand; industrial feeding establishment; private, public, or non-profit
34 organization or institution routinely serving food; catering kitchen;
35 ~~commissary~~commissary or similar place in which food is placed for sale or served
36 on the premises or elsewhere; ~~or and~~ any other eating or drinking establishment or
37 operation where food is served or provided for the public, with or without charge.

39 "Odor concentration~~Concentration~~" means the: ~~The~~ number of cubic feet that one
40 cubic foot of sample will occupy when diluted to the odor threshold. It is a
41 measure of the number of odor units in one cubic foot of the sample. It is
42 expressed in odor units per cubic foot.

"Odor ~~unit~~Unit" means one: ~~One~~ cubic foot of air at the odor threshold.

"Person"means any: ~~Any~~ individual, partnership, co-partnership, firm, company, corporation, association, joint stock company, trust, estate, political subdivision, state agency, or any other legal entity, or their legal representative, agent, or assigns.

"Process" means any: ~~Any~~ action, operation, or treatment and the equipment used in connection with it~~there~~with, and all methods or forms of manufacturing or processing that may emit smoke, particulate matter, or gaseous matter.

"Rendering" means any: ~~Any~~ heating process, including cooking, drying, dehydrating, digesting, evaporating, and protein concentrating of animal or marine matter.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 245.101 Incorporation by Reference

The following is incorporated by reference: "Quantitative Odor Measurement" by John L. Mills, et al., ~~presented at the 56th Annual Meeting of APCA, Sheraton Cadillac Hotel, June 9-23, 1963, Detroit, Michigan.~~ (Journal of the Air Pollution Control Association, 13:10~~Volume 13, No. 10,~~ October 1963, pages~~Page~~ 467-475).

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 245.120 Inedible Rendering Process

- a) ~~This~~The provisions of this Part ~~does~~shall not apply to any device, machine, equipment, or other contrivance used only~~exclusively~~ for the processing of food for human consumption and to food service establishments.
- b) ~~A~~No person must not~~shall~~ operate or use any device, machine, equipment, or other contrivance for the inedible rendering of animal or marine matter unless all gases, vapors, and gas entrained effluents from these processes are~~shall be~~ controlled ~~in such manner as~~ to effectively abate any objectionable odor nuisance. ~~If in the event that~~ the rendering processes of more than one company contribute~~are contributing~~ to the objectionable odor nuisance, abatement will~~shall~~ be deemed effective when the odor concentration from each process is at most~~not more than~~ 120 odor units/cubic foot, as determined by Mills adaptation of ASTM D-1391-57.
- c) An objectionable odor nuisance exists when a trained state inspector, after

~~receiving upon the receipt of~~ a complaint from one resident or property owner in the area affected, ~~determines shall determine~~ that these odors cause a nuisance ~~under as outlined in~~ Section 245.121.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 245.121 Objectionable Odor Nuisance Determination

An objectionable odor nuisance exists:

- a) On or adjacent to residential, recreational, institutional, retail sales, hotel, or educational premises when odor is detectable in the ambient air after it is diluted with eight volumes of odor-free air, as measured by the Scentometer;
- b) On or adjacent to industrial premises when odor is detectable in the ambient air after it is diluted with ~~24~~ ~~twenty-four~~ volumes of odor-free air, as measured by the Scentometer;
- c) On or adjacent to premises other than those ~~under subsection (a) or (b)~~ ~~above~~ when odor is detectable in the ambient air after it is diluted with ~~16~~ ~~sixteen~~ volumes of odor-free air, as measured by the Scentometer;
- d) When concurrent determinations made by three trained inspectors ~~under subsection (a), (b), or (c)~~ ~~as outlined above~~ in any given ~~one-hour~~ ~~one hour~~ period and at intervals of ~~at least 15~~ ~~not less than fifteen~~ minutes result in two positive determinations in each series of three determinations; and
- e) ~~If Provided that~~ any quantitative odor level measurements taken to ~~determine~~ ~~arrive at a determination~~ that an objectionable odor nuisance exists ~~is~~ ~~shall be~~ at or beyond the property line or at or near places where people live or work.

(Source: Amended at 50 Ill. Reg. _____, effective _____)

Section 245.APPENDIX A Rule into Section Table (Repealed)

<u>RULE</u>	<u>SECTION</u>
801	245.100
802(a)-(c)	245.120
802(d)	245.121

(Source: Repealed at 50 Ill. Reg. _____, effective _____)

125 Section 245.APPENDIX B Section into Rule Table (Repealed)

126

SECTION	RULE
245.100	801
245.101	—
245.120	802(a)-(e)
245.121	802(d)

127

128 (Source: Repealed at 50 Ill. Reg. _____, effective _____)

1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER m: MONITORING REQUIREMENTS
5

6 PART 249
7 ETHYLENE OXIDE AMBIENT AIR MONITORING (REPEALED)
8

9 Section

- 10 249.100 Purpose
11 249.105 Monitoring Locations
12 249.110 Ethylene Oxide Ambient Air Monitoring Requirements
13 249.115 Monitoring Results
14 249.120 Sunset Provisions
15

16 AUTHORITY: Implementing Section 9.16, and authorized by Sections 27 and 28, of the
17 Environmental Protection Act [415 ILCS 5/9.16, 27, and 28].
18

19 SOURCE: Adopted in R20-18 at 45 Ill. Reg.1696, effective January 21, 2021; repealed in R18-
20 21 at 50 Ill. Reg. _____, effective _____.
21

22 **Section 249.100 Purpose**
23

24 The purpose of this Part is to set forth the manner in which the Agency must conduct ambient air
25 monitoring of ethylene oxide in accordance with the requirements in Section 9.16 of the
26 Environmental Protection Act [415 ILCS 5/9.16].
27

28 **Section 249.105 Monitoring Locations**
29

30 The Agency must monitor ethylene oxide levels in the ambient air in or around the following
31 locations in Illinois under the requirements of Section 249.110:
32

- 33 a) Northbrook;
34 b) Schiller Park;
35 c) Nilwood;
36 d) Alton; and
37 e) Bondville.
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43 **Section 249.110 Ethylene Oxide Ambient Air Monitoring Requirements**

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- a) The Agency must conduct ambient air monitoring for ethylene oxide in or around each location specified in Section 249.105 for a period of six consecutive calendar months. During that time frame, the Agency must collect a sample every 12 days. Each sample must be collected over a period of approximately 24 hours.
- b) The six-month monitoring period must commence no later than one year after January 25, 2021.
- c) The Agency must comply with all applicable USEPA regulations and guidelines for ambient air monitoring.

Section 249.115 Monitoring Results

The Agency must make the ethylene oxide ambient air monitoring results publicly available on the Agency's website within 30 days of receipt of each set of quality assured data.

Section 249.120 Sunset Provisions

The provisions of this Part will no longer apply 24 months after January 25, 2021.