

## SECOND NOTICE CHANGES

**Agency:** Pollution Control Board

**Rulemaking:** Permits and General Provisions (35 Ill. Adm. Code 201; 46 Ill. Reg. 20627)

**Changes:**

1. In line 196, strike "that".

*jce*  
5/25/23

## SECOND NOTICE CHANGES

**Agency:** Pollution Control Board

**Rulemaking:** Alternative Control Strategies (35 Ill. Adm. Code 202; 46 Ill. Reg. 202)

**Changes:**

1. In line 81, strike "which" and add "that".
2. In line 88, after "condition" add a comma.
3. In line 110, strike "which" and add "that".

*jce*  
1/17/23

## SECOND NOTICE CHANGES

**Agency:** Pollution Control Board

**Rulemaking:** Visible and Particulate Matter Emissions (35 Ill. Adm. Code 212; 46 Ill. Reg. 20644)

### Changes:

1. In line 206, strike "which" and add "that".
2. In line 208, strike "of this Subpart".
3. In line 232, strike "part".
4. In line 233, strike "of this Part".
5. In line 298, strike the comma.
6. In line 300, strike "one hour" and add "one-hour".
7. In line 303, strike "of this Section".
8. In lines 308-309 and 312, strike "of this Section".
9. In line 316, strike "lbs/ mmbtu" and add "lbs/MMbtu".
10. In lines 318-319 and 322, strike "of this Section".
11. In line 334, strike the period.
12. In line 338, strike "of this Section".
13. In line 352, strike "ten" and the parentheses.
14. In line 356, strike "three" and the parentheses.

*jce*  
1/17/23

TITLE 35: ENVIRONMENTAL PROTECTION  
SUBTITLE B: AIR POLLUTION  
CHAPTER I: POLLUTION CONTROL BOARD  
SUBCHAPTER a: PERMITS AND GENERAL PROVISIONS

PART 201  
PERMITS AND GENERAL PROVISIONS

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201.103	Abbreviations and Units
201.104	Incorporations by Reference

SUBPART B: GENERAL PROVISIONS

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201.148	Operation Without Compliance Program and Project Completion Schedule
201.149	Operation During Malfunction, Breakdown or Startups
201.150	Circumvention
201.151	Design of Effluent Exhaust Systems

SUBPART D: PERMIT APPLICATIONS AND REVIEW PROCESS

## Section

201.152	Contents of Application for Construction Permit
201.153	Incomplete Applications (Repealed)
201.154	Signatures (Repealed)
201.155	Standards for Issuance (Repealed)
201.156	Conditions
201.157	Contents of Application for Operating Permit
201.158	Incomplete Applications
201.159	Signatures
201.160	Standards for Issuance
201.161	Conditions
201.162	Duration
201.163	Joint Construction and Operating Permits
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201.165	Hearings
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201.167	Revisions to Permits
201.168	Appeals from Conditions
201.169	Special Provisions for Certain Operating Permits
201.170	Portable Emission Units
201.175	Registration of Smaller Sources (ROSS)

SUBPART E: SPECIAL PROVISIONS FOR OPERATING  
PERMITS FOR CERTAIN SMALLER SOURCES

## Section

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201.181	Expiration and Renewal (Repealed)
201.187	Requirement for a Revised Permit (Repealed)

SUBPART F: CAAPP PERMITS

## Section

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201.209	Emissions of Hazardous Air Pollutants
201.210	Categories of Insignificant Activities or Emission Levels
201.211	Application for Classification as an Insignificant Activity
201.212	Revisions to Lists of Insignificant Activities or Emission Levels

SUBPART G: EXPERIMENTAL PERMITS (Reserved)

SUBPART H: COMPLIANCE PROGRAMS AND  
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201.245	Effects of Approval
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SUBPART I: MALFUNCTIONS, BREAKDOWNS OR STARTUPS

Section	
201.261	Contents of Request for Permission to Operate During a Malfunction, Breakdown or Startup (Repealed)
201.262	Standards for Granting Permission to Operate During a Malfunction, Breakdown or Startup (Repealed)
201.263	Records and Reports (Repealed)
201.264	Continued Operation or Startup Prior to Granting of Operating Permit (Repealed)
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SUBPART J: MONITORING AND TESTING

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GENERAL PROVISIONS

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BOILERS LESS THAN OR EQUAL TO 100 MMBTU/HR

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201.610	Federal NSPS and NESHAP Requirements
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201.625	Carbon Monoxide (CO) Requirements
201.630	Nitrogen Oxide (NO <sub>x</sub> ) Requirements
201.635	PBR Boiler Reporting Requirements

201.APPENDIX A	Rule into Section Table
201.APPENDIX B	Section into Rule Table
201.APPENDIX C	Past Compliance Dates

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

SOURCE: Adopted as Chapter 2: Air Pollution, Part I: General Provisions, in R71-23, 4 PCB 191, filed and effective April 14, 1972; amended in R78-3 and 4, 35 PCB 75 and 243, at 3 Ill. Reg. 30, p. 124, effective July 28, 1979; amended in R80-5, at 7 Ill. Reg. 1244, effective January 21, 1983; codified at 7 Ill. Reg. 13579; amended in R82-1 (Docket A) at 10 Ill. Reg. 12628, effective July 7, 1986; amended in R87-38 at 13 Ill. Reg. 2066, effective February 3, 1989; amended in R89-7(A) at 13 Ill. Reg. 19444, effective December 5, 1989; amended in R89-7(B) at 15 Ill. Reg. 17710, effective November 26, 1991; amended in R93-11 at 17 Ill. Reg. 21483, effective December 7, 1993; amended in R94-12 at 18 Ill. Reg. 15002, effective September 21, 1994; amended in R94-14 at 18 Ill. Reg. 15760, effective October 17, 1994; amended in R96-17 at 21 Ill. Reg. 7878, effective June 17, 1997; amended in R98-13 at 22 Ill. Reg. 11451, effective June 23, 1998; amended in R98-28 at 22 Ill. Reg. 11823, effective July 31, 1998; amended in R02-10 at 27 Ill. Reg. 5820, effective March 21, 2003; amended in R05-19 and R05-20 at 30 Ill. Reg. 4901, effective March 3, 2006; amended in R07-19 at 33 Ill. Reg. 11965, effective August 6, 2009; amended in R10-21 at 34 Ill. Reg. 19575, effective December 1, 2010; amended in R12-10 at 35 Ill. Reg. 19790, effective December 5, 2011; amended in R13-18 at 38 Ill. Reg. 1005, effective December 23, 2013; amended in R17-9 at 41 Ill. Reg. 4140, effective March 24, 2017; amended in R23-18 at 47 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 such operation would cause a violation of the applicable standards or limitations stated in Subchapter c except as specifically provided for by such standard or limitation. A person must not cause or allow violation of the applicable standards or limitations stated in Subchapter c during startup except as specifically provided for by such standard or limitation.

(Source: Amended at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

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

An application for an operating permit must contain the data and information specified in Section 201.152. Each application must list all individual emission units and air pollution equipment for which a permit is sought. Any applicant may seek to obtain from the Agency a permit for each emission unit, or such emission units as are similar in design or principle of operation or function, or for all emission units encompassed in an identifiable operating unit, unless subject to the provisions of Section 201.169 of this Subpart or required to obtain an operating permit with federal enforceable conditions in compliance with Section 39.5 of the Act. To the extent that the above specified data and information has previously been submitted to the Agency in compliance with this Subpart, the data and information need not be resubmitted, but the applicant must certify that the data and information previously submitted remains true, correct and current. An application for an operating permit must contain a description of the startup procedure for each emission unit, the duration and frequency of startups, the types and quantities of emissions during startup, and the applicant's efforts to minimize any such startup emissions, duration of individual startups, and frequency of startups. The Agency may adopt procedures that require data and information in addition to 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, and that specify the format by which all data and information must be submitted.

(Source: Amended at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

## SUBPART I: MALFUNCTIONS, BREAKDOWNS OR STARTUPS

**Section 201.261 Contents of Request for Permission to Operate During a Malfunction, Breakdown or Startup (Repealed)**

(Source: Repealed at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 201.262 Standards for Granting Permission to Operate During a Malfunction, Breakdown or Startup (Repealed)**

(Source: Repealed at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 201.263 Records and Reports (Repealed)**

(Source: Repealed at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 201.264 Continued Operation or Startup Prior to Granting of Operating Permit  
(Repealed)**

(Source: Repealed at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 201.265 Effect of Granting of Permission to Operate During a Malfunction, Breakdown or Startup (Repealed)**

(Source: Repealed at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

## SUBPART K: RECORDS AND REPORTS

**Section 201.301 Records**

The owner or operator of any emission source or air pollution control equipment must maintain: records detailing all activities under any compliance program and project completion schedule in compliance with Subpart H; records of all monitoring and testing conducted in compliance with Subpart J, plus records of all monitoring and testing of any type whatsoever conducted with respect to specified air contaminants. All records must be made available to the Agency at any reasonable time.

- a) The Agency may adopt procedures which:
  - 1) Require additional records be maintained consistent with this Part; and
  - 2) Specify the format in which all records must be maintained.
- b) The procedures and formats, and revisions, 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 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)



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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

TITLE 35: ENVIRONMENTAL PROTECTION  
SUBTITLE B: AIR POLLUTION  
CHAPTER I: POLLUTION CONTROL BOARD  
SUBCHAPTER a: PERMITS AND GENERAL PROVISIONS

PART 202  
ALTERNATIVE CONTROL STRATEGIES

SUBPART A: GENERAL PROVISIONS

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202.104	Actual Emissions
202.107	Allowable Emissions
202.110	Alternative Control Strategy (ACS)
202.113	Chapter
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- Section
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SUBPART E: ALTERNATIVE CONTROL STRATEGIES  
INVOLVING MORE THAN ONE PERSON

- Section
- 202.501 Applicability
- 202.502 Permit Application
- 202.503 Duration
- 202.504 Permit Conditions
- 202.505 Records and Reports
- 202.506 Revocation
- 202.507 Termination

- 202.~~APPENDIX~~Appendix A Pre-Codification into Codified
- 202.~~APPENDIX~~Appendix B Codified into Pre-Codification

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

SOURCE: 35 Ill. Adm. Code 212 adopted in R81-20 (Interim) at 6 Ill. Reg. 6703, effective May 20, 1982; renumbered to 35 Ill. Adm. Code 202 and amended in R81-20(A) at 7 Ill. Reg. 8091, effective June 27, 1983; codified at 7 Ill. Reg. 13584; corrected at 7 Ill. Reg. 14561; amended in R81-20(B) at 8 Ill. Reg. 4171, effective March 16, 1984; amended in R23-18 at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_.

SUBPART A: GENERAL PROVISIONS

**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

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source is subject to permit conditions or other enforceable limits ~~that~~which restrict the operating rate, or hours of operation, or both) and the more stringent of the following:

- 1) The applicable emission standard or limitation contained in this Chapter, including those with a future compliance date; or
  - 2) The emissions 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) Allowable emissions shall include a reasonable estimate of emissions in excess of applicable standards during start-up, malfunction, or breakdown, as appropriate, only if the applicable provisions of 35 Ill. Adm. Code Part 201 have been complied with.~~
- ~~cd)~~ If an emission source is not subject to an emission standard under subsection (a) and is not conditioned pursuant to subsection (b), the allowable emissions ~~will~~shall be the source's potential to emit.

(Source: Amended at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

SUBPART B: PERMIT APPLICATION

**Section 202.211 Analysis of Emissions**

- a) A permit application under this Subpart ~~must~~shall provide a comparison of the baseline emissions and the emissions ~~that~~which would be permitted under the proposed ACS for each emission source involved in the ACS. Where appropriate, this analysis ~~must~~shall address differences between the emission sources to be covered by the ACS ~~regarding~~with regard to:
  - 1) Methods of determining emissions;
  - 2) Consistency and reliability of the performance of the emission sources and any associated control devices;
  - 3) Frequency and duration of operating during malfunction or breakdown

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with excess emissions, or ~~excess emissions~~ during start-up with excess emissions;

- 4) Methods of operation, including operating schedules, range of raw materials or products, ~~etc.~~; and
  - 5) Other characteristics of the emission sources or their operation which may affect equivalence of emissions.
- b) The analysis ~~must~~shall describe any increases in emissions from emission sources outside the ACS which may accompany the proposed ACS.

(Source: Amended at 47 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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212.109	Measurement Methods for Opacity
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212.111	Abbreviations and Units
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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
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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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212.183	Certain Wood Waste Incinerators
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212.185	Continuous Automatic Stoking Animal Pathological Waste Incinerators

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SUBPART E: PARTICULATE MATTER EMISSIONS FROM  
FUEL COMBUSTION EMISSION UNITS

Section	
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212.205	Coal-fired Industrial Boilers For Which Construction or Modification Commenced Prior to April 14, 1972, Equipped with Flue Gas Desulfurization Systems
212.206	Emission Units Using 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 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

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212.304	Storage Piles
212.305	Conveyor Loading Operations
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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
212.314	Exception for Excess Wind Speed
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212.316 Emissions Limitations for Emission Units in Certain Areas

SUBPART L: PARTICULATE MATTER EMISSIONS  
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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  
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SUBPART N: FOOD MANUFACTURING

Section

212.361 Corn Wet Milling Processes  
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SUBPART O: PETROLEUM REFINING, PETROCHEMICAL  
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Section

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SUBPART Q: STONE, CLAY, GLASS  
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Section

212.421 Portland Cement Processes For Which Construction or Modification Commenced  
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212.423 Emission Limits for the Portland Cement Manufacturing Plant Located in LaSalle  
County, South of the Illinois River  
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212.425 Emission Units in Certain Areas

SUBPART R: PRIMARY AND FABRICATED METAL

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PRODUCTS AND MACHINERY MANUFACTURE

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212.443	Coke Plants
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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
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212.458	Emission Units in Certain Areas

SUBPART S: AGRICULTURE

Section

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212.462	Grain-Handling Operations
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212.464	Sources in Certain Areas

SUBPART T: CONSTRUCTION AND WOOD PRODUCTS

Section

212.681	Grinding, Woodworking, Sandblasting and Shotblasting
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SUBPART U: ADDITIONAL CONTROL MEASURES

Section

212.700	Applicability
212.701	Contingency Measure Plans, Submittal and Compliance Date
212.702	Determination of Contributing Sources
212.703	Contingency Measure Plan Elements



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212.704	Implementation
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212.Appendix C	Past Compliance Dates
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 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. \_\_\_\_\_, effective \_\_\_\_\_.

SUBPART B: VISUAL EMISSIONS

**Section 212.124 Exceptions**

- a) ~~Sections 212.122 and 212.123 of this Subpart shall apply during times of startup, malfunction and breakdown except as provided in the operating permit granted in~~

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~~accordance with 35 Ill. Adm. Code 201.~~

- ~~ab)~~ Sections 212.122 and 212.123 ~~will of this Subpart shall~~ not apply to emissions of water or water vapor from an emission unit.
- ~~be)~~ An emission unit ~~that~~~~which~~ has obtained an adjusted opacity standard ~~in compliance with pursuant to~~ Section 212.126 ~~will of this Subpart shall~~ be subject to that standard rather than the limitations of Section 212.122 or 212.123 ~~of this Subpart.~~
- ~~cd)~~ Compliance with the particulate regulations of this Part ~~will shall~~ constitute a defense.
- 1) For all emission units ~~that~~~~which~~ are not subject to Chapters 111 or 112 of the CAA and Sections 212.201, 212.202, 212.203 or 212.204 ~~of this Part~~ but ~~which~~ are subject to Sections 212.122 or 212.123 ~~of this Subpart~~: the opacity limitations of Sections 212.122 and 212.123 ~~will of this Subpart shall~~ not apply if it is shown that the emission unit was, at the time of ~~such~~ emission, in compliance with the applicable particulate emissions limitations of Subparts D through T ~~of this Part.~~
- 2) For all emission units ~~that~~~~which~~ are not subject to Chapters 111 or 112 of the CAA but ~~which~~ are subject to Sections 212.201, 212.202, 212.203 or 212.204 ~~of this Part~~:
- A) An exceedance of the limitations of Section 212.122 or 212.123 ~~will of this Subpart shall~~ constitute a violation of the applicable particulate limitations of Subparts D through T ~~of this Part.~~ It ~~will shall~~ 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 accordance with Method 5, 40 CFR ~~part~~ 60, incorporated by reference in Section 212.113 ~~of this Part~~, the owner or operator shows that the emission unit is in compliance with the particulate emission limitations.
- B) It ~~will shall~~ be a defense to 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

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conditions of the emission unit and the control devices, and in accordance with Method 5, 40 CFR part 60, Appendix A, incorporated by reference in Section 212.113 ~~of this Part~~, the owner or operator shows that the emission unit is in compliance with the allowable particulate emissions limitation while, simultaneously, having visible emissions equal to or greater than the opacity exceedance as originally observed.

(Source: Amended at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

SUBPART L: PARTICULATE MATTER EMISSIONS  
FROM PROCESS EMISSION UNITS

**Section 212.324 Process Emission Units in Certain Areas**

a) Applicability:

- 1) This Section ~~applies~~ shall apply to any process emission unit located in any of the following areas:
  - A) That area bounded by lines from Universal Transmercator (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;
  - B) That area bounded by lines from Universal Transmercator (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 Transmercator (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.

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- 2) This Section ~~does~~ shall not alter the applicability of Sections 212.321 and 212.322 ~~of this Subpart~~.
- 3) The emission limitations of this Section are not applicable to any emission unit subject to a specific emissions standard or limitation contained in any of the following Subparts ~~of this Part~~:
- 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, ~~no~~ person ~~must not~~ shall cause or allow the emission into the atmosphere, of PM-10 from any process emission unit to exceed 68.7 mg/scm (0.03 gr/scf) during any ~~one-hour~~ ~~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) ~~of this Section~~, ~~no~~ person ~~must not~~ shall cause or allow the emissions from the following emission units to exceed the corresponding limitations ~~in the following table~~:

	Emission Units	Emissions Limit	
		Metric	English
1)	Shotblasting emissions 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~~ ~~of~~

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~~this Section shall~~ not apply to those 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 contained in subsections (b) and (c) ~~of this Section~~.

- e) Special Emissions Limitation for Fuel-Burning Process Emission Units in the Vicinity of Granite City. ~~A~~ ~~No~~ person ~~must not shall~~ cause or allow emissions of PM-10 into the atmosphere to exceed 12.9 ng/J (0.03 ~~lbs/MMBtu/lbs/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) ~~of this Section~~.
- f) Maintenance and Repair. For any process emission unit subject to subsection (a) ~~of this Section~~, the owner or operator ~~must shall~~ maintain and repair all air pollution control equipment in a manner that assures that the emission limits and standards in this Section ~~will shall~~ be met at all times. ~~This Section shall not affect the applicability of 35 Ill. Adm. Code 201.149.~~ Proper maintenance ~~must shall~~ include the following ~~minimum~~ requirements:
  - 1) Visual inspections of air pollution control equipment;
  - 2) Maintenance of an adequate inventory of spare parts; and
  - 3) Expeditious 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 shall~~ be kept in ~~compliance accordance~~ with subsection (f) ~~of this Section~~.
  - 2) The owner or operator ~~must 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 malfunctioning so as to cause an emissions level in excess of the emissions limitation. These records ~~must shall~~ include documentation of causes for pollution control equipment not operating or such malfunction and ~~shall~~ 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

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from local suppliers ~~must~~ be kept and updated.

- 4) Copies of all records required by this Section ~~must~~ be submitted to the Agency within ten ~~(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 ~~(3)~~ 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 in operation when the air pollution control equipment was not in operation or was not operating properly, documentation of causes for pollution control equipment 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 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

TITLE 35: ENVIRONMENTAL PROTECTION  
SUBTITLE B: AIR POLLUTION  
CHAPTER I: POLLUTION CONTROL BOARD  
SUBCHAPTER a: PERMITS AND GENERAL PROVISIONS

PART 201  
PERMITS AND GENERAL PROVISIONS

SUBPART A: DEFINITIONS

Section	
201.101	Other Definitions
201.102	Definitions
201.103	Abbreviations and Units
201.104	Incorporations by Reference

SUBPART B: GENERAL PROVISIONS

Section	
201.121	Existence of Permit No Defense
201.122	Proof of Emissions
201.123	Burden of Persuasion Regarding Exceptions
201.124	Annual Report
201.125	Severability
201.126	Repealer

SUBPART C: PROHIBITIONS

Section	
201.141	Prohibition of Air Pollution
201.142	Construction Permit Required
201.143	Operating Permits for New Sources
201.144	Operating Permits for Existing Sources
201.146	Exemptions from State Permit Requirements
201.147	Former Permits
201.148	Operation Without Compliance Program and Project Completion Schedule
201.149	Operation During Malfunction, Breakdown or Startups
201.150	Circumvention
201.151	Design of Effluent Exhaust Systems

SUBPART D: PERMIT APPLICATIONS AND REVIEW PROCESS

## Section

201.152	Contents of Application for Construction Permit
201.153	Incomplete Applications (Repealed)
201.154	Signatures (Repealed)
201.155	Standards for Issuance (Repealed)
201.156	Conditions
201.157	Contents of Application for Operating Permit
201.158	Incomplete Applications
201.159	Signatures
201.160	Standards for Issuance
201.161	Conditions
201.162	Duration
201.163	Joint Construction and Operating Permits
201.164	Design Criteria
201.165	Hearings
201.166	Revocation
201.167	Revisions to Permits
201.168	Appeals from Conditions
201.169	Special Provisions for Certain Operating Permits
201.170	Portable Emission Units
201.175	Registration of Smaller Sources (ROSS)

SUBPART E: SPECIAL PROVISIONS FOR OPERATING  
PERMITS FOR CERTAIN SMALLER SOURCES

## Section

201.180	Applicability (Repealed)
201.181	Expiration and Renewal (Repealed)
201.187	Requirement for a Revised Permit (Repealed)

SUBPART F: CAAPP PERMITS

## Section

201.207	Applicability
201.208	Supplemental Information
201.209	Emissions of Hazardous Air Pollutants
201.210	Categories of Insignificant Activities or Emission Levels
201.211	Application for Classification as an Insignificant Activity
201.212	Revisions to Lists of Insignificant Activities or Emission Levels

SUBPART G: EXPERIMENTAL PERMITS (Reserved)



SUBPART H: COMPLIANCE PROGRAMS AND  
PROJECT COMPLETION SCHEDULES

Section

- 201.241 Contents of Compliance Program
- 201.242 Contents of Project Completion Schedule
- 201.243 Standards for Approval
- 201.244 Revisions
- 201.245 Effects of Approval
- 201.246 Records and Reports
- 201.247 Submission and Approval Dates

SUBPART I: MALFUNCTIONS, BREAKDOWNS OR STARTUPS

Section

- 201.261 Contents of Request for Permission to Operate During a Malfunction, Breakdown or Startup (Repealed)
- 201.262 Standards for Granting Permission to Operate During a Malfunction, Breakdown or Startup (Repealed)
- 201.263 Records and Reports (Repealed)
- 201.264 Continued Operation or Startup Prior to Granting of Operating Permit (Repealed)
- 201.265 Effect of Granting of Permission to Operate During a Malfunction, Breakdown or Startup (Repealed)

SUBPART J: MONITORING AND TESTING

Section

- 201.281 Permit Monitoring Equipment Requirements
- 201.282 Testing
- 201.283 Records and Reports

SUBPART K: RECORDS AND REPORTS

Section

- 201.301 Records
- 201.302 Reports

SUBPART L: CONTINUOUS MONITORING

Section

- 201.401 Continuous Monitoring Requirements
- 201.402 Alternative Monitoring

201.403	Exempt Sources
201.404	Monitoring System Malfunction
201.405	Excess Emission Reporting
201.406	Data Reduction
201.407	Retention of Information
201.408	Compliance Schedules

SUBPART M: PERMIT BY RULE (PBR) –  
GENERAL PROVISIONS

Section	
201.500	Purpose
201.505	Applicability
201.510	Notice of Intent to Be Covered By a PBR (Notification)
201.515	Commencing Construction or Modification
201.520	Modification or Change in Status of an Emission Unit Covered by a PBR
201.525	Standard Conditions for PBR
201.530	Recordkeeping and Reporting
201.535	Authority to Operate
201.540	Enforcement Authority

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

Section	
201.600	Applicability
201.605	Boiler Notice of Intent to Be Covered by a PBR (Notification)
201.610	Federal NSPS and NESHAP Requirements
201.615	Opacity Requirements
201.620	Requirements for Use of Diesel Fuel and Refinery Fuel Gas
201.625	Carbon Monoxide (CO) Requirements
201.630	Nitrogen Oxide (NO <sub>x</sub> ) Requirements
201.635	PBR Boiler Reporting Requirements

201.APPENDIX A	Rule into Section Table
201.APPENDIX B	Section into Rule Table
201.APPENDIX C	Past Compliance Dates

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

SOURCE: Adopted as Chapter 2: Air Pollution, Part I: General Provisions, in R71-23, 4 PCB 191, filed and effective April 14, 1972; amended in R78-3 and 4, 35 PCB 75 and 243, at 3 Ill. Reg. 30, p. 124, effective July 28, 1979; amended in R80-5, at 7 Ill. Reg. 1244, effective January 21, 1983; codified at 7 Ill. Reg. 13579; amended in R82-1 (Docket A) at 10 Ill. Reg. 12628, effective July 7, 1986; amended in R87-38 at 13 Ill. Reg. 2066, effective February 3, 1989; amended in R89-7(A) at 13 Ill. Reg. 19444, effective December 5, 1989; amended in R89-7(B) at 15 Ill. Reg. 17710, effective November 26, 1991; amended in R93-11 at 17 Ill. Reg. 21483, effective December 7, 1993; amended in R94-12 at 18 Ill. Reg. 15002, effective September 21, 1994; amended in R94-14 at 18 Ill. Reg. 15760, effective October 17, 1994; amended in R96-17 at 21 Ill. Reg. 7878, effective June 17, 1997; amended in R98-13 at 22 Ill. Reg. 11451, effective June 23, 1998; amended in R98-28 at 22 Ill. Reg. 11823, effective July 31, 1998; amended in R02-10 at 27 Ill. Reg. 5820, effective March 21, 2003; amended in R05-19 and R05-20 at 30 Ill. Reg. 4901, effective March 3, 2006; amended in R07-19 at 33 Ill. Reg. 11965, effective August 6, 2009; amended in R10-21 at 34 Ill. Reg. 19575, effective December 1, 2010; amended in R12-10 at 35 Ill. Reg. 19790, effective December 5, 2011; amended in R13-18 at 38 Ill. Reg. 1005, effective December 23, 2013; amended in R17-9 at 41 Ill. Reg. 4140, effective March 24, 2017; amended in R23-18 at 47 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 such operation would cause a violation of the applicable standards or limitations stated in Subchapter c except as specifically provided for by such standard or limitation. A person must not cause or allow violation of the applicable standards or limitations stated in Subchapter c during startup except as specifically provided for by such standard or limitation.

(Source: Amended at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

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

An application for an operating permit must contain the data and information specified in Section 201.152. Each application must list all individual emission units and air pollution equipment for which a permit is sought. Any applicant may seek to obtain from the Agency a permit for each emission unit, or such emission units as are similar in design or principle of operation or function, or for all emission units encompassed in an identifiable operating unit, unless subject to the provisions of Section 201.169 of this Subpart or required to obtain an operating permit with federal enforceable conditions in compliance with Section 39.5 of the Act. To the extent that the above specified data and information has previously been submitted to the Agency in compliance with this Subpart, the data and information need not be resubmitted, but the applicant must certify that the data and information previously submitted remains true, correct and current. An application for an operating permit must contain a description of the startup procedure for each emission unit, the duration and frequency of startups, the types and quantities of emissions during startup, and the applicant's efforts to minimize any such startup emissions, duration of individual startups, and frequency of startups. The Agency may adopt procedures that require data and information in addition to 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, and that specify the format by which all data and information must be submitted.

(Source: Amended at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

## SUBPART I: MALFUNCTIONS, BREAKDOWNS OR STARTUPS

**Section 201.261 Contents of Request for Permission to Operate During a Malfunction, Breakdown or Startup (Repealed)**

(Source: Repealed at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 201.262 Standards for Granting Permission to Operate During a Malfunction, Breakdown or Startup (Repealed)**

(Source: Repealed at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 201.263 Records and Reports (Repealed)**

(Source: Repealed at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)



**Section 201.264 Continued Operation or Startup Prior to Granting of Operating Permit  
(Repealed)**

(Source: Repealed at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 201.265 Effect of Granting of Permission to Operate During a Malfunction,  
Breakdown or Startup (Repealed)**

(Source: Repealed at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

## SUBPART K: RECORDS AND REPORTS

**Section 201.301 Records**

The owner or operator of any emission source or air pollution control equipment must maintain: records detailing all activities under any compliance program and project completion schedule in compliance with Subpart H; records of all monitoring and testing conducted in compliance with Subpart J, plus records of all monitoring and testing of any type whatsoever conducted with respect to specified air contaminants. All records must be made available to the Agency at any reasonable time.

- a) The Agency may adopt procedures which:
  - 1) Require additional records be maintained consistent with this Part; and
  - 2) Specify the format in which all records must be maintained.
- b) The procedures and formats, and revisions, 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 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

TITLE 35: ENVIRONMENTAL PROTECTION  
SUBTITLE B: AIR POLLUTION  
CHAPTER I: POLLUTION CONTROL BOARD  
SUBCHAPTER a: PERMITS AND GENERAL PROVISIONS

PART 202  
ALTERNATIVE CONTROL STRATEGIES

SUBPART A: GENERAL PROVISIONS

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202.101	Definitions
202.104	Actual Emissions
202.107	Allowable Emissions
202.110	Alternative Control Strategy (ACS)
202.113	Chapter
202.116	Emission Baseline
202.119	Multi-person ACS
202.122	Potential to Emit
202.125	Abbreviations
202.140	Scope
202.142	Severability

SUBPART B: PERMIT APPLICATION

Section	
202.201	Emission Baseline for Alternative Control Strategies
202.210	Permit Application Information
202.211	Analysis of Emissions
202.212	Analysis of Environmental Quality
202.213	Analysis of Methods of Assuring Compliance

SUBPART C: PERMIT CONDITIONS AND ISSUANCE

Section	
202.301	Permit Conditions
202.302	Records and Reports
202.303	Monitoring and Testing
202.304	Compliance Dates
202.305	Public Participation
202.306	Standards for Issuance
202.307	Notification to USEPA

## SUBPART D: PERMIT DURATION, REVISION AND RENEWAL

Section	
202.401	Duration
202.402	Revision
202.403	Renewal

SUBPART E: ALTERNATIVE CONTROL STRATEGIES  
INVOLVING MORE THAN ONE PERSON

Section	
202.501	Applicability
202.502	Permit Application
202.503	Duration
202.504	Permit Conditions
202.505	Records and Reports
202.506	Revocation
202.507	Termination

202.APPENDIX A	Pre-Codification into Codified
202.APPENDIX B	Codified into Pre-Codification

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

SOURCE: 35 Ill. Adm. Code 212 adopted in R81-20 (Interim) at 6 Ill. Reg. 6703, effective May 20, 1982; renumbered to 35 Ill. Adm. Code 202 and amended in R81-20(A) at 7 Ill. Reg. 8091, effective June 27, 1983; codified at 7 Ill. Reg. 13584; corrected at 7 Ill. Reg. 14561; amended in R81-20(B) at 8 Ill. Reg. 4171, effective March 16, 1984; amended in R23-18 at 47 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 contained in this Chapter, including those with a future compliance date; or
  - 2) The emissions 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) and is not conditioned pursuant to subsection (b), the allowable emissions will be the source's potential to emit.

(Source: Amended at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 202.211 Analysis of Emissions**

- a) A permit application under this Subpart must provide a comparison of the baseline emissions and the emissions that would be permitted under the proposed ACS for each emission source involved in the ACS. Where appropriate, this analysis must address differences between the emission sources to be covered by the ACS regarding:
- 1) Methods of determining emissions;
  - 2) Consistency and reliability of the performance of the emission sources and any associated control devices;
  - 3) Frequency and duration of operating during malfunction or breakdown with excess emissions, or during start-up with excess emissions;
  - 4) Methods of operation, including operating schedules, range of raw materials or products; and
  - 5) Other characteristics of the emission sources or their operation which may affect equivalence of emissions.
- b) The analysis must describe any increases in emissions from emission sources outside the ACS which may accompany the proposed ACS.

(Source: Amended at 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

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

SUBPART A: GENERAL

Section	
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

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
212.125	Determination of Violations
212.126	Adjusted Opacity Standards Procedures

SUBPART D: PARTICULATE MATTER EMISSIONS FROM INCINERATORS

Section	
212.181	Limitations for Incinerators
212.182	Aqueous Waste Incinerators
212.183	Certain Wood Waste Incinerators
212.184	Explosive Waste Incinerators
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 Solid Fuel Exclusively Located in the Chicago Area
212.202	Emission Units For Which Construction or Modification Commenced Prior to April 14, 1972, Using Solid Fuel Exclusively Located Outside the Chicago Area
212.203	Controlled Emission Units For Which Construction or Modification Commenced Prior to April 14, 1972, Using Solid Fuel Exclusively
212.204	Emission Units For Which Construction or Modification Commenced On or After April 14, 1972, Using Solid Fuel Exclusively
212.205	Coal-fired Industrial Boilers For Which Construction or Modification Commenced Prior to April 14, 1972, Equipped with Flue Gas Desulfurization Systems
212.206	Emission Units Using 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 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
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 Prior to 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
- 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
- 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	
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
212.Appendix B	Section into Rule Table
212.Appendix C	Past Compliance Dates
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 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. \_\_\_\_\_, effective \_\_\_\_\_.

**Section 212.124 Exceptions**

- a) Sections 212.122 and 212.123 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 will be subject to that standard rather than the limitations of Section 212.122 or 212.123.
- c) Compliance with the particulate regulations of this Part will constitute a defense.
  - 1) For all emission units that are not subject to Chapters 111 or 112 of the CAA and Sections 212.201, 212.202, 212.203 or 212.204 but are subject to Sections 212.122 or 212.123: the opacity limitations of Sections 212.122 and 212.123 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 Chapters 111 or 112 of the CAA but are subject to Sections 212.201, 212.202, 212.203 or 212.204:
    - A) An exceedance of the limitations of Section 212.122 or 212.123 will constitute a violation of the applicable particulate limitations of Subparts D through T. It 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 accordance with Method 5, 40 CFR 60, incorporated by reference in Section 212.113, the owner or operator shows that the emission unit is in compliance with the particulate emission limitations.
    - B) It will be a defense to 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 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 in compliance with the allowable particulate emissions limitation while, simultaneously, having visible emissions equal to or greater than the opacity exceedance as originally observed.

(Source: Amended at 47 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 Transmercator (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;
    - B) That area bounded by lines from Universal Transmercator (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 Transmercator (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 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 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:

	Emission Units	Emissions Limit	
		Metric	English
1)	Shotblasting emissions 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 those 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 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 PM-10 into the atmosphere to exceed 12.9 ng/J (0.03 lbs/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) Expeditious 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 in operation when the air pollution control equipment was not in operation or was malfunctioning so as to cause an emissions level in excess of the emissions limitation. These records must include documentation of causes for pollution control equipment not operating or 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 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 in operation when the air pollution control equipment was not in operation or was not operating properly, documentation of causes for pollution control equipment 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 47 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)