

ILLINOIS REGISTER

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

TITLE 35: ENVIRONMENTAL PROTECTION

SUBTITLE B: AIR POLLUTION

CHAPTER I: POLLUTION CONTROL BOARD

SUBCHAPTER c: EMISSION STANDARDS AND LIMITATIONS FOR STATIONARY SOURCES

PART 212

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AUTHORITY: Implementing Section 10 and authorized by Section 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 _____.

BOARD NOTE: This Part implements the Illinois Environmental Protection Act as of July 1, 1994.

SUBPART A: GENERAL

Section 212.124 Exceptions

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- 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 accordance with 35 Ill. Adm. Code 201.~~
- a)b) Sections 212.122 and 212.123 will of this Subpart shall not apply to emissions of water or water vapor from an emission unit.
- b)e) 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.~~
- c)d) 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 ~~of this Subpart~~ will ~~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.

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- 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 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

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vicinity of Granite City in Madison County, as shown in Illustration F of this Part.

- 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, ~~a 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~~, ~~a no~~ person must not shall cause or allow the emissions from the following emission units to exceed the corresponding limitations ~~in the following table~~:

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	5% opacity	5% opacity

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of McCook

- d) Exceptions. The mass emission limits contained in subsections (b) and (c) ~~of this Section will 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 must shall~~ be met at all times. ~~This Section shall not affect the applicability of 35 Ill. Adm. Code 201.149.~~ Proper maintenance ~~shall~~ must include the following ~~minimum~~ 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 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 ~~shall~~ must include documentation of causes for pollution control equipment not

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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 from local suppliers must ~~shall~~ be kept and updated.
 - 4) 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.
 - 5) The records required under this Section must ~~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.
 - 6) Upon written request by the Agency, a report must ~~shall~~ 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 ~~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 47 Ill. Reg. _____, effective _____)