**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:

|  |  |  |
| --- | --- | --- |
| 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 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. 12107, effective July 25, 2023)