

TITLE 35: ENVIRONMENTAL PROTECTION

SUBTITLE B: AIR POLLUTION

CHAPTER 1: POLLUTION CONTROL BOARD

SUBCHAPTER C: EMISSION STANDARDS AND LIMITATIONS FOR STATIONARY SOURCES

PART 217

NITROGEN OXIDES EMISSIONS

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AUTHORITY: Implementing Section 10 and authorized by Section 27 of the Environmental Protection Act (111. Rev. Stat. 1981, ch. 111 1/2, pars. 1010 and 1027).

SOURCE: Adopted as Chapter 2: Air Pollution, Rule 207: Nitrogen Oxides Emissions, R71-23, 4 PCB 191, April 13, 1972, filed and effective April 14, 1972; amended at 2 111. Reg. 17, p. 101, effective April 13, 1978; codified at 7 111. Reg. 13609.

SUBPART A: GENERAL PROVISIONS

Section 217.100	Scope and Organization
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a) This Part sets standards and limitations for emission of oxides of nitrogen from stationary sources.

b) Permits for sources subject to this Part may be required pursuant to 35 111. Adm. Code 201.

c) Notwithstanding the provisions of this Part, the air quality standards contained in 35 111. Adm. Code 243 may not be violated.

d) This Part is divided into Subparts which are grouped as follows:

- 1) Subpart A: General provisions;
- 2) Subparts B-J: Fuel combustion sources and incinerators;
- 3) Subparts K-M: Process emission sources;
- 4) Subparts N-End: Industry and site-specific rules.

e) These rules have been grouped for convenience of the public; the scope of each is determined by its language and history.

(Source: Added and codified at 7 111. Reg. 13609)

Section 217.101 Measurement Methods

Measurement of nitrogen oxides shall be according to the phenol disulfonic acid method as published in 36 Fed. Reg. 15718, Method 7.

Section 217.102 Abbreviations and Units

a) The following abbreviations are used in this Part:

btu	British thermal unit (60°F)
kg	kilogram
kg/MW-hr	kilograms per megawatt-hour, usually used as an hourly emission rate
lb	pound
NO _x	Nitrogen Oxides
lbs/mbtu	pounds per million btu, usually used as an hourly emission rate
Mg	megagram or metric tonne
mbtu	million British thermal units
mbtu/hr	million British thermal units per hour
MW	megawatt; one million watts
MW-hr	megawatt-hour
ppm	parts per million
ppmv	parts per million by volume
T	English ton

b) The following conversion factors have been used in this Part:

English	Metric
2,205 lb	1 kg
1 T	0.907 Mg
1 lb/T	0.500 kg/Mg
mbtu/hr	0.293 Mw
1 lb/mbtu	1.548 kg/MW-hr

(Source: Added and codified at 7 111. Reg. 13609)