

Chapter NR 428

CONTROL OF NITROGEN COMPOUND EMISSIONS

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NR 428.01 Applicability; purpose. (1) **APPLICABILITY.** This chapter applies to all air contaminant sources and to all owners or operators of an air contaminant source.

(2) **PURPOSE.** This chapter is adopted under ss. 144.31 and 144.38, Stats., to categorize nitrogen compound air contaminant sources and to establish emission limitations for these sources in order to protect air quality.

History: Cr. Register, September, 1986, No. 369, eff. 10-1-86.

NR 428.02 Definitions. In addition to the definitions in this section, the definitions contained in ch. NR 400 apply to the terms used in this chapter.

(1) "Nitrogen oxides" means all oxides of nitrogen except nitrous oxide.

(2) **RESERVED.**

History: Cr. (intro.), renum. from NR 154.01 (122), Register, September, 1986, No. 369, eff. 10-1-86.

NR 428.03 General limitations. No person shall cause, suffer, allow, or permit nitrogen oxides or nitrogen compounds to be emitted to the ambient air which substantially contribute to the exceeding of an air standard or cause air pollution.

History: Renum. from NR 154.15 (1), Register, September, 1986, No. 369, eff. 10-1-86.

NR 428.04 Nitrogen oxides limitations. No person shall cause, suffer, allow, or permit nitrogen oxides (expressed as NO₂) to be emitted to the ambient air in amounts greater than:

- (i) (a) New or modified fossil fuel-fired steam generators rated at over 250 million BTU per hour:
- (a) 1. Firing of gaseous fossil fuel: 0.20 pounds of NO₂ per million BTU input.
- (b) 2. Firing of liquid fossil fuel: 0.30 pounds of NO₂ per million BTU input.
- (c) 3. Firing of solid fossil fuel: 0.70 pounds of NO₂ per million BTU input.
- (d) (b) New or modified weak nitric acid plants (acid 30 to 70% in strength): 3.0 pounds of NO₂ per ton of acid produced.

History: Renum. from NR 154.15 (2), Register, September, 1986, No. 369, eff. 10-1-86.