



Ohio Administrative Code

Rule 3745-103-57 NO_x emission limitations for group one phase I boilers.

Effective: October 20, 2017

[Comment: For dates and availability of non-regulatory government publications, publications of recognized organizations and associations, federal rules, and federal statutory provisions referenced in this rule, see paragraph (C) of rule 3745-103-01 of the Administrative Code titled "Referenced materials."]

(A) Beginning January 1, 1996, or for a unit subject to section 404(D) of the Clean Air Act, the date on which the unit is required to meet acid rain emission reduction requirements for SO₂, the owner or operator of a phase I coal-fired utility unit with a tangentially fired boiler or a dry bottom wall-fired boiler (other than units applying cell burner technology) shall not discharge, or allow to be discharged, emissions of NO_x to the atmosphere in excess of the following limits, except as provided in paragraph (C) or (E) of this rule or in rule 3745-103-62 or 3745-103-63 of the Administrative Code:

(1) Forty-five hundredths pound per MMBtu of heat input on an annual average basis for tangentially fired boilers.

(2) Fifty hundredths pound per MMBtu of heat input on an annual average basis for dry bottom wall-fired boilers (other than units applying cell burner technology).

(B) The owner or operator shall determine the annual average NO_x emission rate, in pound per MMBtu, using the methods and procedures specified in 40 CFR Part 75.

(C) Unless the unit meets the early election requirement of rule 3745-103-60 of the Administrative Code the owner or operator of a coal-fired substitution unit with a tangentially fired boiler or a dry bottom wall-fired boiler (other than units applying cell burner technology) that satisfies the requirements of paragraph (C)(2) of rule 3745-103-55 of the Administrative Code, shall comply with the NO_x emission limitations that apply to group one, phase II boilers.



(D) The owner or operator of a phase I unit with a cell burner boiler that converts to a conventional wall-fired boiler on or before January 1, 1995 or, for a unit subject to Section 404(d) of the Clean Air Act, the date the unit is required to meet acid rain emissions reduction requirements for SO₂ shall comply, by such respective date or January 1, 1996, whichever is later, with the NO_x emissions limitation applicable to dry bottom wall-fired boilers under paragraph (A) of this rule, except as provided in paragraph (C) or (E) of this rule or in rule 3745-103-62 or 3745-103-63 of the Administrative Code.

(E) The owner or operator of a phase I unit with a group one boiler that converts to a fluidized bed or other type of utility boiler not included in group one boilers on or before January 1, 1995 or, a unit subject to Section 404(d) of the Clean Air Act, the date the unit is required to meet acid rain emissions reduction requirements for SO₂ is exempt from the NO_x emissions limitations specified in paragraph (A) of this rule, but shall comply with the NO_x emission limitations for group two boilers under rule 3745-103-58 of the Administrative Code.

(F) Except as provided in rule 3745-103-60 of the Administrative Code and in paragraph (C) of this rule, each unit subject to the requirements of this rule is not subject to the requirements of rule 3745-103-59 of the Administrative Code.