



## Ohio Administrative Code

### Rule 3745-103-58 NO<sub>x</sub> emission limitations for group two 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, 2000 or, for a unit subject to Section 409(b) of the Clean Air Act, the date on which the unit is required to meet acid rain emission reduction requirements for SO<sub>2</sub>, the owner or operator of a group two coal-fired boiler with a cell burner boiler, cyclone boiler, a wet bottom boiler, or a vertically fired boiler shall not discharge, or allow to be discharged, emissions of NO<sub>x</sub> to the atmosphere in excess of the following limits, except as provided in rule 3745-103-62 or 3745-103-63 of the Administrative Code:

(1) Sixty-eight hundredths pound per MMBtu of heat input on an annual average basis for cell burner boilers. The NO<sub>x</sub> emission control technology on which the emission limitation is based is plug-in combustion controls or non-plug-in combustion controls. Except as provided in paragraph (D) of rule 3745-103-57 of the Administrative Code, the owner or operator of a unit with a cell burner boiler that installs non-plug-in combustion controls shall comply with the emission limitation applicable to cell burner boilers.

(2) Eighty-six hundredths pound per MMBtu of heat input on an annual average basis for cyclone boilers with a maximum continuous steam flow at one hundred per cent of load of greater than one thousand sixty, in thousands of pounds per hour. The NO<sub>x</sub> emission control technology on which the emission limitation is based is natural gas reburning or selective catalytic reduction.

(3) Eighty-four hundredths pound per MMBtu of heat input on an annual average basis for wet bottom boilers, with a maximum continuous steam flow at one hundred per cent of load of greater than four hundred fifty, in thousands of pounds per hour. The NO<sub>x</sub> emission control technology on which the emission limitation is based is natural gas reburning or selective catalytic reduction.



(4) Eighty hundredths pound per MMBtu of heat input on an annual average basis for vertically fired boilers. The NO<sub>x</sub> emission control technology on which the emission limitation is based is combustion controls.

(B) The owner or operator shall determine the annual average NO<sub>x</sub> emission rate, in pound per MMBtu, using the methods and procedures specified in 40 CFR Part 75.