

Chapter 3745-23 Nitrogen Oxide Standards

3745-23-01 Definitions.

(A) Except as otherwise provided in this rule, the definitions in rule [3745-15-01](#) of the Administrative Code shall apply to this chapter.

(B) “USEPA” means the United States Environmental Protection Agency.

(C) Referenced materials. This chapter includes references to certain matter or materials. The text of the referenced materials is not included in the rules contained in this chapter. Information on the availability of the referenced materials as well as the date of, and/or the particular edition or version of the material is included in this rule. For materials subject to change, only the specific versions specified in this rule are referenced. Material is referenced as it exists on the effective date of this rule. Except for subsequent annual publication of existing (unmodified) Code of Federal Regulation compilations, any amendment or revision to a referenced document is not applicable unless and until this rule has been amended to specify the new dates.

(1) Availability. The referenced materials are available as follows:

(a) Code of Federal Regulations. Information and copies may be obtained by writing to: “Superintendent of Documents, Attn: New Orders, PO Box 371954, Pittsburgh, PA 15250-7954.” The full text of the CFR is also available in electronic format at www.gpoaccess.gov/cfr/index.html/. The CFR compilations are also available for inspection and copying at most public libraries and “The State Library of Ohio.”

(2) Referenced materials:

(a) 40 CFR 50.11; “National Primary and Secondary Ambient Air Quality Standards for Nitrogen Dioxide; 50 FR 25544, June 19, 1985.

(b) 40 CFR Part 50, Appendix F; “Measurement Principle and Calibration Procedure for the measurement of Nitrogen Dioxide in the Atmosphere (Gas Phase Chemiluminescence)”; 41 FR 52658, December 1, 1976, as amended at 48 FR 2529, January 20, 1983.

(c) 40 CFR Part 53; “Ambient Air Monitoring Reference and Equivalent Methods”; as published in the July 1, 2008 Code of Federal Regulations.

Replaces: Part of 3745-23-02

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R.C. [119.032](#) review dates: 04/18/2014

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Prior Effective Dates: 2/15/1972, 9/23/2002, 5/15/2006

3745-23-02 Methods of Measurement.

[Comment: For dates of non-regulatory government publications, publications of recognized organizations and associations, federal rules, and federal statutory provisions referenced in this rule, see the “Referenced materials” section at the end of rule [3745-23-01](#) of the Administrative Code.]

(A) For purposes of ascertaining, defining, and measuring ambient air quality, nitrogen dioxide shall be measured by the methods stated in paragraph (B) of this rule or by such other methods as may be approved by the director. Such measurements shall be corrected to standard conditions for purposes of comparing measurements with the ambient air quality standard set forth in rule [3745-25-02](#) of the Administrative Code.

(B) Concentrations of nitrogen dioxide shall be determined through the use of a reference method required by 40 CFR 50.11 based on 40 CFR Part 50, Appendix F, or through the use of continuous sampling and recording devices as approved by USEPA in accordance with 40 CFR Part 53 and designated reference or equivalent methods.

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