



Ohio Administrative Code Rule 3745-110-05 Compliance methods.

Effective: [March 25, 2022](#)

[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 paragraph (C) of rule 3745-110-01 of the Administrative Code titled "Referenced materials."]

Any owner or operator of a source which is subject to the requirements of rule 3745-110-03 of the Administrative Code shall demonstrate compliance with the applicable emissions limit(s) limitations in accordance with one of the following:

(A) Installing a permanent continuous emissions monitoring system for NO_x and, if necessary, a diluent (carbon dioxide or oxygen) that is employed to ensure ongoing compliance with an applicable emissions limitation. The permanent continuous emissions monitoring system shall meet the requirements of performance specification 2 and performance specification 3, 40 CFR Part 60, Appendix B and quality assurance procedures contained in 40 CFR Part 60, Appendix F or 40 CFR Part 75.

(B) Perform emission tests in accordance with USEPA method 7, 7a, 7c, 7d, or 7e, and any additional approved USEPA methods as applicable. The owner or operator shall obtain any additional test data (such as flow rates, oxygen concentrations, moisture contents, etc.), continuous diluent monitoring data (carbon dioxide or oxygen), or source fuel usage or horsepower data, concurrent with the compliance demonstration in order to convert the emission test results or monitoring data to the units of the applicable emissions limitation. Compliance demonstrations shall be performed that are representative of the normal operating modes, including fuel types or fuel blends employed and shall exclude periods of startup, shutdown, malfunction, and low load operating conditions as follows:

(1) For paragraphs (B), (C), and (D) of rule 3745-110-03 of the Administrative Code, compliance demonstrations shall be performed while the affected boiler is operating at or as close as possible to its maximum permitted operating capacity.



(2) For paragraph (E) of rule 3745-110-03 of the Administrative Code, compliance demonstrations shall be performed while the affected stationary combustion turbine is operating at or as close as possible to its maximum permitted operating capacity.

(3) For paragraph (F) of rule 3745-110-03 of the Administrative Code, compliance demonstrations shall be performed while the affected internal combustion engine is operating at or as close as practically possible to its maximum permitted operating capacity.

(4) For paragraph (G) of rule 3745-110-03 of the Administrative Code, compliance demonstrations shall be performed while the affected reheat furnace is operating at or as close as practically possible to its maximum permitted operating capacity.

(C) For a source not installing a permanent continuous emissions monitoring system in accordance with paragraph (A) of this rule, installing a temporary continuous emissions monitoring system for thirty operating days that is capable of measuring and recording NO_x and, if necessary, a diluent (carbon dioxide or oxygen) concentration in addition to calculating NO_x lb/mmBtu data in an ongoing basis. The continuous emissions monitoring system shall do the following:

(1) Be temporarily installed, calibrated, maintained and operated in an approved manner and location where representative emissions measurements from the stack can be made. Prior to installation, the owner or operator shall submit, for approval by the director, a continuous emissions monitoring protocol that includes, at a minimum, the location of, and specifications for, each instrument or device, as well as procedures for calibration, operation, data recording, data evaluation, and data reporting.

(2) Meet the requirements of performance specification 2 and performance specification 3, 40 CFR Part 60, Appendix B, and quality assurance procedures contained in 40 CFR Part 60, Appendix F, procedure 1 (including relative accuracy test audit and cylinder gas audit requirements).

(3) Operate for a thirty-day period under normal operating modes. The thirty-days do not have to be consecutive.



(D) An owner or operator of a source subject to this rule may request to monitor NO_x emissions for compliance determination purposes using a predictive emission monitoring system (PEMS) in accordance with the requirements of 40 CFR 60, subpart A and appendix B, performance specification 16, with written approval of the director, provided the source is not otherwise required to operate a continuous emissions monitoring system under another legal authority.