
40 C.F.R. § 63.1625

What are the performance test and compliance requirements for new, reconstructed, and existing facilities?

(a) *Performance testing.* (1) All performance tests must be conducted according to the requirements in § 63.7.

(2) Each performance test in paragraphs (c)(1) and (2) of this section must consist of three separate and complete runs using the applicable test methods.

(3) Each run must be conducted under conditions that are representative of normal process operations.

(4) Performance tests conducted on air pollution control devices serving electric arc furnaces must be conducted such that at least one tapping period, or at least 20 minutes of a tapping period, whichever is less, is included in at least two of the three runs. The sampling time for each run must be at least three times the average tapping period of the tested furnace, but no less than 60 minutes.

(5) You must conduct the performance tests specified in paragraph (c) of this section under such conditions as the Administrator specifies based on representative performance of the affected source for the period being tested. Upon request, you must make available to the Administrator such records as may be necessary to determine the conditions of performance tests.

(b) *Test methods.* The following test methods in appendices of part 60 or 63 of this chapter or as specified elsewhere must be used to determine compliance with the emission standards.

(1) Method 1 of appendix A-1 of 40 CFR part 60 to select the sampling port location and the number of traverse points.

(2) Method 2 of appendix A-1 of 40 CFR part 60 to determine the volumetric flow rate of the stack gas.

(3)

(i) Method 3A or 3B of appendix A-2 of 40 CFR part 60 (with integrated bag sampling) to determine the outlet stack and inlet oxygen and CO₂ content.

(ii) You must measure CO₂ concentrations at both the inlet and outlet of the positive pressure fabric filter in conjunction with the pollutant sampling in order to determine isokinetic sampling rates.

(iii) As an alternative to EPA Reference Method 3B, ASME PTC-19-10-1981-Part 10 may be used (incorporated by reference, see § 63.14).

(4) Method 4 of appendix A-3 of 40 CFR part 60 to determine the moisture content of the stack gas.

(5)

(i) Method 5 of appendix A-3 of 40 CFR part 60 to determine the particulate matter concentration of the stack gas for negative pressure baghouses and positive pressure baghouses with stacks.

(ii) Method 5D of appendix A-3 of 40 CFR part 60 to determine particulate matter concentration and volumetric flow rate of the stack gas for positive pressure baghouses without stacks.

(iii) The sample volume for each run must be a minimum of 4.0 cubic meters (141.2 cubic feet). For Method 5 testing only, you may choose to collect less than 4.0 cubic meters per run provided that the filterable mass collected (*i.e.*, net filter mass plus mass of nozzle, probe and filter holder rinses) is equal to or greater than 10 mg. If the total mass collected for two of three of the runs is less than 10 mg, you must conduct at least one additional test run that produces at least 10 mg of filterable mass collected (*i.e.*, at a greater sample volume). Report the results of all test runs.

This document is only available to subscribers. Please [log in](#) or [purchase access](#).

[Purchase Login](#)