
40 C.F.R. § 63.1453

How do I demonstrate continuous compliance with the emission limitations, work practice standards, design standards, and operation and maintenance requirements that apply to me?

(a) *Filterable particulate matter emission limits.* For each affected source subject to a particulate matter emission limit in § 63.1444 or § 63.1446 as applies to you, you must demonstrate continuous compliance according to the requirements in paragraphs (a)(1) and (2) of this section.

(1) For each copper concentrate dryer, smelting vessel, slag cleaning vessel, copper converter department, anode refining department, and combination of anode refining department and Hoboken converter process fugitive capture system subject to a filterable particulate matter emission limit in § 63.1444 or § 63.1446 as applies to you, you must demonstrate continuous compliance by meeting the conditions in paragraphs (a)(1)(i) through (iii) or paragraphs (a)(1)(i) and (iv) through (vii) of this section.

(i) Maintain the average concentration of filterable particulate matter in the gases discharged from the affected source at or below the applicable emission limit. If a particulate matter continuous emissions monitoring system (PM CEMS) is used, you must demonstrate continued compliance according to the requirements in paragraphs (a)(1)(iv) through (vii) of this section.

(ii) Monitor the operating parameter(s) established during the performance test according to the requirements in §§ 63.1450(a) and 63.1452 and collect, reduce, and record the monitoring data for each of the operating limit parameters according to the applicable requirements of this subpart.

(iii) Conduct subsequent performance tests following your initial performance test no less frequently than once per year according to the performance test procedures in § 63.1450(a). New operating limits may be established during subsequent performance tests as long as the performance tests demonstrate compliance with the emission limits.

(iv) Install, operate, and maintain a PM CEMS to measure and record PM concentrations and gas stream flow rates for the exhaust gases discharged to the atmosphere from each affected source subject to the emissions limit in this paragraph (a)(1). A single PM CEMS may be used for the combined exhaust gas streams from multiple affected sources at a point before the gases are discharged to the atmosphere. For each PM CEMS used to comply with this paragraph (a)(1), you must meet the requirements in this paragraph (a)(1)(iv) and paragraphs (a)(1)(v) through (vii) of this section.

(v) You must install, certify, operate, and maintain the PM CEMS according to EPA Performance Specification 11 in appendix B to 40 CFR part 60, and the quality assurance requirements of Procedure 2 in appendix F to 40 CFR part 60.

(vi) You must conduct an initial performance evaluation of the PM CEMS according to the requirements of Performance Specification 11 in appendix B to 40 CFR part 60. Thereafter, you must perform the performance

evaluations as required by Procedure 2 in appendix F to 40 CFR part 60.

(vii) You must perform quarterly accuracy determinations and daily calibration drift tests for the PM CEMS according to Procedure 2 in appendix F to 40 CFR part 60.

(2) For each smelting vessel, slag cleaning vessel, and copper converter department subject to the nonsulfuric acid particulate matter emission limit in § 63.1444 as applies to you, you must demonstrate continuous compliance by meeting the conditions in paragraphs (a)(2)(i) through (iii) of this section.

(i) Maintain the average concentration of nonsulfuric acid particulate matter in the process off-gas discharged from the affected source at or below 6.2 mg/dscm.

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