

(iii) Performance evaluation procedures and acceptance criteria (e.g., calibrations).

(2) In your site-specific monitoring plan, you must also address paragraphs (c)(2)(i) through (iii) of this section.

(i) Ongoing operation and maintenance procedures in accordance with the general requirements of § 63.8(c)(1), (c)(3), and (c)(4)(ii);

(ii) Ongoing data quality assurance procedures in accordance with the general requirements of § 63.8(d); and

(iii) Ongoing recordkeeping and reporting procedures in accordance with the general requirements of § 63.10(c), (e)(1) and (e)(2)(i).

(3) You must conduct a performance evaluation of each CMS in accordance with your site-specific monitoring plan.

(4) You must operate and maintain the CMS in continuous operation according to the site-specific monitoring plan.

(d) You must develop and implement a written startup, shutdown, and malfunction plan (SSMP) according to the provisions in § 63.6(e)(3).

Testing and Initial Compliance Requirements

§ 63.7510 By what date must I conduct performance tests or other initial compliance demonstrations?

(a) For each existing affected source, you must conduct performance tests, set operating limits, and conduct monitoring equipment performance evaluations by the compliance date that is specified for your source in § 63.7495 and according to the applicable provisions in § 63.7(a)(2) as cited in Table 10 to this subpart.

(b) For each new or reconstructed affected source, you must conduct performance tests, set operating limits, and conduct monitoring equipment performance evaluations within 180 calendar days after the compliance date that is specified for your source in § 63.7495 and according to the provisions in § 63.7(a)(2) as cited in Table 10 to this subpart.

§ 63.7515 When must I conduct subsequent performance tests?

(a) You must conduct all applicable performance tests according to the procedures in § 63.7520 on an annual basis unless you follow the requirements listed in paragraphs (b) through (h) of this section. The first subsequent performance tests must be completed within 12 months of the initial performance test but no earlier than 10 months after the initial performance test and every 12 months thereafter, unless you follow the

requirements listed in paragraphs (b) through (h) of this section.

(b) You can conduct performance tests less often for a given pollutant if you have test data for at least 3 years, and all stack tests for the pollutant (particulate matter, hydrogen chloride, mercury, or total selected metals) for over 3 consecutive years show that you comply with the emission limit. In this case, you do not have to conduct a stack test for that pollutant for the next 2 years. You must do a stack test during the third year and no more than 36 months following the previous stack test.

(c) If your boiler or process heater continues to meet the emission limit for particulate matter, hydrogen chloride, mercury, or total selected metals, you may choose to conduct stack tests for these pollutants every third year, but each such test must be within 36 months of the previous stack test.

(d) If a stack test shows noncompliance with an emission limit for particulate matter, hydrogen chloride, mercury, or total selected metals, you must conduct annual stack tests for that pollutant until all stack tests over a 3-year period show compliance.

(e) You are not required to conduct a performance test for total selected metals annually if you choose to comply with the alternative total selected metals emission limit instead of particulate matter, and your operating limit is the total selected metals fuel input. You must still meet all applicable continuous compliance requirements in § 63.7540.

(f) You are not required to conduct a performance test for hydrogen chloride annually if your operating limit for hydrogen chloride is chlorine fuel input. You must still meet all applicable continuous compliance requirements in § 63.7540.

(g) You are not required to conduct a performance test for mercury annually if your operating limit for mercury is mercury fuel input. You must still meet all applicable continuous compliance requirements in § 63.7540.

(h) You must report the results of annual performance tests within 60 days after the completion of the tests. This report should also verify that the operating limits for your affected source have not changed or provide documentation of revised operating parameters established as specified in Tables 4.A through 4.E to this subpart. The reports for all subsequent performance tests should include all applicable information required in § 63.7550.

§ 63.7520 What performance tests, design evaluations, and other procedures must I use?

(a) You must conduct all performance tests according to § 63.7(c), (d), (f), and (h). You must also develop a site-specific test plan according to the requirements in § 63.7(c).

(b) You must conduct each performance test in Tables 4.A through 4.E to this subpart that applies to you.

(c) For boilers or process heaters in one of the liquid fuel subcategories that burn only fossil fuels and other gases and do not burn any residual oil, you are not required to conduct a performance test to demonstrate compliance with the emission limits.

(d) You must conduct each performance test under the specific conditions listed in Tables 4.A through 4.E to this subpart. You must conduct performance tests at the representative process operating conditions that are expected to result in the highest emissions of hydrogen chloride, particulate matter, and mercury, and you must demonstrate initial compliance and establish your operating limits based on this test. This requirement could result in the need to conduct more than one performance test. If you choose to comply with the alternative total selected metals emission limit instead of particulate matter, you must conduct all performance tests at the representative process operating conditions that are expected to result in the highest emissions of hydrogen chloride, total selected metals and mercury.

(e) You may not conduct performance tests during periods of startup, shutdown, or malfunction.

(f) You must conduct three separate test runs for each performance test required in this section, as specified in § 63.7(e)(3). Each test run must last at least 1 hour.

(g) To determine compliance with the emission limits, you must use the F-Factor methodology and equations in sections 12.2 and 12.3 of EPA Method 19 of appendix A of this part to convert the measured particulate matter concentrations, the measured hydrogen chloride concentrations, the measured total selected metals concentrations, and the measured mercury concentrations that result from the initial performance test to pound per million British thermal unit (MMBtu) heat input emission rates. Method 26A of appendix A of this part must be used for the hydrogen chloride performance test for those boilers and process heaters with wet scrubbers. All other boilers and process heaters must use Method 26 of