

Environmental Protection Agency

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and work practice standards in this subpart upon startup of your affected source.

(b) If you have an existing affected source, you must comply with the emission limitations and work practice standards no later than 3 years after April 17, 2003.

(c) If you have an area source that increases its emissions or its potential to emit such that it becomes a major source of HAP, the provisions in paragraphs (c)(1) and (2) of this section apply.

(1) Any portion of the existing facility that is a new affected source or a new reconstructed source must be in compliance with this subpart upon startup.

(2) All other parts of the source must be in compliance with this subpart no later than the date 3 years after the area source becomes a major source.

(d) You must meet the notification requirements in § 63.9045 according to the schedule in § 63.9045 and in subpart A of this part. Some of the notifications must be submitted before you are required to comply with the emission limitations in this subpart.

EMISSION LIMITATIONS AND WORK PRACTICE STANDARDS

§ 63.9000 What emission limitations and work practice standards must I meet?

(a) With the exceptions noted in paragraph (c) of this section, you must meet the applicable emission limit and work practice standard in Table 1 to this subpart for each emission stream listed under § 63.8990(b)(1) through (4) that is part of your affected source.

(b) With the exceptions noted in paragraph (c) of this section, you must meet the applicable operating limit in Table 2 to this subpart for each emission stream listed under § 63.8990(b)(1) through (3) that is part of your affected source.

(c) The emission streams listed in paragraphs (c)(1) through (3) of this section are exempt from the emission limitations, work practice standards, and all other requirements of this subpart.

(1) Emission streams from HCl storage tanks that never store liquid HCl

product with a concentration of 30 weight percent or greater.

(2) Emission streams from HCl transfer operations that never load liquid HCl product with a concentration of 30 weight percent or greater.

(3) Emission streams from HCl wastewater operations.

GENERAL COMPLIANCE REQUIREMENTS

§ 63.9005 What are my general requirements for complying with this subpart?

(a) You must be in compliance with the emission limitations and work practice standards in this subpart at all times, except during periods of startup, shutdown, and malfunction.

(b) You must always operate and maintain your affected source, including air pollution control and monitoring equipment, according to the provisions in § 63.6(e)(1)(i).

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

(d) All monitoring equipment shall be installed, calibrated, maintained, and operated according to manufacturer's specifications or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately. For each monitoring system required in this section, you must develop, implement, and submit to the Administrator a site-specific monitoring plan that addresses the installation requirements in paragraphs (d)(1) through (3) of this section, the ongoing procedures in paragraphs (d)(4) through (6) of this section, and the requirements in § 63.9025, as applicable. You must submit the plan with your Notification of Compliance Status. Upon request of the Administrator, you must promptly correct any deficiencies in a site-specific monitoring plan and submit the revised plan.

(1) Installation of the continuous monitoring system (CMS) sampling probe or other interface at a measurement location relative to each affected process unit such that the measurement is representative of control of the exhaust emissions (*e.g.*, on or downstream of the last control device).

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(2) Performance and equipment specifications for the sample interface, the pollutant concentration or parametric signal analyzer, and the data collection and reduction system.

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

(4) Ongoing operation and maintenance (O&M) procedures in accordance with the general requirements of §§ 63.8(c)(1), (3), (4)(ii), (7), and (8), and 63.9025.

(5) Ongoing data quality assurance procedures in accordance with the general requirements of § 63.8(d).

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

TESTING AND INITIAL COMPLIANCE REQUIREMENTS

§ 63.9010 By what date must I conduct performance tests?

(a) If you have a new or reconstructed affected source, you must conduct performance tests within 180 calendar days after the compliance date that is specified for your source in § 63.8995(a) and according to the provisions in § 63.7(a)(2).

(b) If you have an existing affected source, you must conduct performance tests within 180 calendar days after the compliance date that is specified for your existing affected source in § 63.8995(b) and according to the provisions in § 63.7(a)(2).

(c) If you commenced construction or reconstruction between September 18, 2001 and April 17, 2003, you must demonstrate initial compliance with either the proposed emission limitation or the promulgated emission limitation no later than 180 calendar days after April 17, 2003 or within 180 calendar days after startup of the source, whichever is later, according to § 63.7(a)(2)(ix).

§ 63.9015 When must I conduct subsequent performance tests?

(a) You must conduct all applicable performance tests according to the procedures in § 63.9020 on the earlier of your title V operating permit renewal or within 5 years of issuance of your title V permit.

(b) You must report the results of subsequent performance tests within 60 days after the completion of the test. This report should also verify that the operating limits for your affected source have not changed or provide documentation of revised operating limits established as specified in Table 2 to this subpart. The reports for all subsequent performance tests should include all applicable information required in § 63.9050.

§ 63.9020 What performance tests and other procedures must I use?

(a) You must conduct each performance test in Table 3 to this subpart that applies to you as directed in paragraphs (a)(1) through (4) of this section, except as noted in paragraphs (b) and (c) of this section.

(1) You must develop a site-specific test plan according to § 63.7(c)(2) and conduct each performance test according to the site-specific test plan.

(2) You must conduct each performance test under representative conditions according to the requirements in § 63.7(e)(1) and under the specific conditions that this subpart specifies in Table 3.

(3) You may not conduct performance tests during periods of startup, shutdown, or malfunction, as specified in § 63.7(e)(1).

(4) You must conduct at least 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.

(b) If you are complying with a percent reduction emission limitation, you must determine the percent reduction in accordance with paragraphs (b)(1) and (2) of this section.

(1) Calculate the mass rate of either HCl or chlorine using Equations 1 and 2 of this section:

$$E_i = K_2(C_i M_i)Q_i \quad \text{Equation 1}$$

$$E_o = K_2(C_o M_o)Q_o \quad \text{Equation 2}$$

where:

C_i, C_o = Concentration of HCl or Cl₂ in the gas stream at the inlet and outlet of the control device(s), respectively, dry basis, parts per million by volume.