

Environmental Protection Agency

§ 63.5545

and flow sensors in positions that provide representative measurement of these parameters.

(9) For oil absorbers, record the flow of absorption liquid through the absorber, the temperatures of the absorption liquid before and after the steam stripper, and the steam flow through the steam stripper averaged during the same period of the compliance demonstration. Locate the temperature and flow sensors in positions that provide representative measurement of these parameters.

[67 FR 40055, June 11, 2002, as amended at 70 FR 46692, Aug. 10, 2005]

§ 63.5540 By what date must I conduct a performance test or other initial compliance demonstration?

(a) You must conduct performance tests or other initial compliance demonstrations no later than 180 calendar days after the compliance date that is specified for your source in § 63.5495 and according to the provisions in § 63.7(a)(2).

§ 63.5545 What are my monitoring installation, operation, and maintenance requirements?

(a) For each CMS required in this section, you must develop and make available for inspection by the permitting authority, upon request, a site-specific monitoring plan that addresses the provisions in paragraphs (a)(1) through (3) of this section.

(1) Installation of the 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);

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

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

(b) In your site-specific monitoring plan, you must also address the provisions in paragraphs (b)(1) through (3) of this section.

(1) Ongoing operation and maintenance procedures in accordance with

the general requirements of §§ 63.8(c)(1), (3), (4)(ii) and 63.5580(c)(6);

(2) Ongoing data quality assurance procedures in accordance with the general requirements of § 63.8(d)(2); and

(3) Ongoing recordkeeping and reporting procedures in accordance with the general requirements of §§ 63.10(c), (e)(1), (e)(2)(i) and 63.5585.

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

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

(e) For each continuous emissions monitoring system (CEMS), you must meet the requirements in paragraphs (e)(1) through (6) of this section.

(1) Each CEMS must be installed, operated, and maintained according to the applicable performance specification (PS) listed in paragraphs (e)(1)(i) through (iv) of this section:

(i) PS-7 of 40 CFR part 60, appendix B, for CEMS used to measure hydrogen sulfide emissions;

(ii) PS-8 of 40 CFR part 60, appendix B, for CEMS used to measure volatile organic compound emissions;

(iii) PS-9 of 40 CFR part 60, appendix B, for CEMS that use gas chromatography to measure organic HAP emissions; and

(iv) PS-15 of 40 CFR part 60, appendix B, for CEMS that use Fourier transform infrared spectroscopy to measure organic HAP emissions.

(2) You must conduct a performance evaluation of each CEMS according to the requirements in § 63.8 and according to the applicable performance specification listed in paragraphs (e)(1)(i) through (iv) of this section.

(3) As specified in § 63.8(c)(4)(ii), each CEMS must complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period.

(4) The CEMS data must be reduced to operating data averages computed using valid data from at least 75 percent of the hours during the averaging period. To have a valid hour of data, you must have four or more data points equally spaced over the 1-hour