

appendix A of this part for the hydrogen chloride performance test.

(h) For performance tests using Method 5, Method 29, Method 26A and Method 17 of appendix A of this part, use Method 1 of appendix A of this part to select the sampling location and number of traverse points. For Method 26 of appendix A of this part, you must use a minimum of three traverse points.

(i) If you use a control device or combination of control devices not covered in Tables 4.A through 4.E to this subpart, or you wish to establish and monitor an alternative operating limit, you must apply to the Administrator for approval of alternative monitoring under § 63.8(f).

§ 63.7525 What are my monitoring, installation, operation, and maintenance requirements?

(a) Each continuous emissions monitoring system (CEMS) for carbon monoxide must be installed, operated, and maintained according to the procedures in paragraphs (a)(1) through (4) of this section by the compliance date.

(1) Each CEMS must be installed, operated, and maintained according to Performance Specification (PS) 4A of 40 CFR part 60, appendix B, and according to the site-specific monitoring plan developed according to § 63.7505(c).

(2) You must conduct a performance evaluation of each CEMS according to the requirements in § 63.8 and according to PS 4A of 40 CFR part 60, appendix B.

(3) 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 as specified in § 63.8(g)(2).

(b) Each continuous opacity monitoring system (COMS) must be installed, operated, certified and maintained according to the procedures in paragraphs (b)(1) through (7) of this section by the compliance date.

(1) Each COMS must be installed, operated, and maintained according to PS 1 of 40 CFR part 60, appendix B.

(2) You must conduct a performance evaluation of each COMS according to the requirements in § 63.8 and according to PS 1 of 40 CFR part 60, appendix B.

(3) As specified in § 63.8(c)(4)(i), each COMS must complete a minimum of one cycle of sampling and analyzing for each successive 10-second period and one cycle of data recording for each successive 6-minute period.

(4) The COMS data must be reduced as specified in § 63.8(g)(2).

(5) You must include in your site-specific monitoring plan procedures and acceptance criteria for operating and maintaining each COMS according to the requirements in § 63.8(d). At a minimum, the monitoring plan must include a daily calibration drift assessment, a quarterly performance audit, and an annual zero alignment audit of each COMS.

(6) You must operate and maintain each COMS according to the requirements in the monitoring plan and the requirements of § 63.8(e). Identify periods the COMS is out-of-control including any periods that the COMS fails to pass a daily calibration drift assessment, a quarterly performance audit, or an annual zero alignment audit.

(7) You must determine and record all the 6-minute averages and 3-hour block averages collected for periods during which the COMS is not out-of-control.

(c) You must install, operate, and maintain each continuous parameter monitoring system (CPMS) according to the requirements in § 63.8 and the procedures in paragraphs (c)(1) through (5) of this section by the compliance date specified in § 63.7495.

(1) The CPMS must complete a minimum of one cycle of operation for each successive 15-minute period. You must have a minimum of four successive cycles of operation to have a valid hour of data.

(2) Except for, monitoring malfunctions, associated repairs and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), you must conduct all monitoring in continuous operation at all times that the unit is operating. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring system to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.

(3) For purposes of calculating data averages, you must not use data recorded during monitoring malfunctions, associated repairs, out-of-control periods, or required quality assurance or control activities. You must use all the data collected during all other periods in assessing compliance. Any period for which the monitoring system is out-of-control and data are not available for required calculations constitutes a deviation from the monitoring requirements.

(4) Determine the 3-hour block average of all recorded readings, except as provided in paragraph (c)(3) of this section.

(5) Record the results of each inspection, calibration, and validation check.

(d) For the equipment to monitor voltage and secondary current (or total power input) of the electrostatic precipitator (ESP), you must meet the requirements in paragraphs (c) and (d)(1) and (2) of this section.

(1) Use the ESP manufacturer's installed voltage and secondary current monitoring equipment to measure voltage and secondary current to the ESP.

(2) At least monthly, inspect all components of the CPMS for integrity and all electrical connections for continuity.

(e) For the equipment to monitor sorbent injection rate (e.g., weigh belt, weigh hopper, or hopper flow measurement device), you must meet the requirements in paragraphs (c) and (e)(1) through (4) of this section.

(1) Locate the device in a position(s) that provides a representative measurement of the total sorbent injection rate.

(2) Install and calibrate the device in accordance with manufacturer's procedures and specifications.

(3) At least monthly, inspect all components for integrity and all electrical connections for continuity.

(4) At least annually, calibrate the device in accordance with the manufacturer's procedures and specifications.

(f) If you use a fabric filter to comply with the requirements of this subpart, you must install, calibrate, maintain, and continuously operate a bag leak detection system as specified in paragraphs (f)(1) through (8) of this section.

(1) You must install and operate a bag leak detection system for each exhaust stack of the fabric filter.

(2) Each bag leak detection system must be installed, operated, calibrated, and maintained in a manner consistent with the manufacturer's written specifications and recommendations and in accordance with the guidance provided in "Fabric Filter Bag Leak Detection Guidance," EPA-454/R-98-015, September 1997.

(3) The bag leak detection system must be certified by the manufacturer to be capable of detecting particulate matter emissions at concentrations of 10 milligrams per actual cubic meter or less.

(4) The bag leak detection system sensor must provide output of relative or absolute particulate matter loadings.

(5) The bag leak detection system must be equipped with a device to