

ARTICLE 12: STANDARDS OF PERFORMANCE FOR CONTINUOUS EMISSION MONITORING SYSTEMS

SECTION 12.01 APPLICABILITY Adopted 11/10/71 (135) Revised 06/09/88 (621), 08/10/89 (644), 04/09/98 (865)

This article shall apply to all continuous emission monitoring systems (CEMS) required under an order, operating permit, or regulation of the Agency. This article shall not be construed to relieve any person of the responsibility to comply with any requirement of 40 CFR Part 60, 61, or 63. Portions of these federal requirements that are less stringent than the provisions of Article 12 shall not supercede the requirements of Article 12.

SECTION 12.03 CONTINUOUS EMISSION MONITORING SYSTEMS Adopted 06/09/88 (621) Revised 08/10/89 (644), 04/09/98 (865), 03/25/04 (1024), 09/23/04 (1036)

- (a) **Continuous Monitoring.** It shall be unlawful for any person to cause or allow the operation of any equipment required to have a continuous emission monitoring system unless the emissions are continuously monitored in accordance with the requirements of this section.
- (b) **Data Recovery.** The owner or operator shall recover valid hourly monitoring data for at least 95% of the hours that the equipment (required to be monitored) is operated during each calendar month except for periods of monitoring system downtime, provided that the owner or operator demonstrates that the downtime was not a result of inadequate design, operation, or maintenance, or any other reasonably preventable condition, and any necessary repairs to the monitoring system are conducted in a timely manner.
- (c) **Quality Assurance.** The owner or operator shall install a continuous emission monitoring system that meets the performance specification in 40 CFR Part 60, Appendix B in effect at the time of its installation, and shall operate this monitoring system in accordance with the quality assurance procedures in Appendix F of 40 CFR Part 60 in effect as of the federal regulation reference date listed in Section 3.25 of this regulation herein incorporated by reference, and the U.S. Environmental Protection Agency's "Recommended Quality Assurance Procedures for Opacity Continuous Monitoring Systems" (EPA 340/1-86-010).
- (d) **Data Recording.** Monitoring data commencing on the clock hour and containing at least 45 minutes of monitoring data shall be reduced to 1-hour averages. Monitoring data for opacity shall also be reduced to 6-minute averages. All monitoring data shall be included in these averages except for

data collected during calibration drift tests and cylinder gas audits, and for data collected subsequent to a failed quality assurance test or audit.

- (e) **Data Retention.** The owner or operator shall retain all monitoring data averages for at least 2 years, including copies of all reports submitted to the Agency and records of all repairs, adjustments, and maintenance performed on the monitoring system. All such data collected after October 1, 1998 shall be retained for at least 5 years.
- (f) **Data Reporting.** The owner or operator shall submit a monthly report to the Agency within 30 days after the end of the month in which the data were recorded. This report shall include:
 - (1) The date, time period, magnitude (in the units of the standard) and cause of each emission that exceeded an applicable emission standard;
 - (2) The date and time of all actions taken to correct the problem, including any actions taken to minimize the emissions during the exceedance and any actions taken to prevent its recurrence;
 - (3) The number of hours that the equipment (required to be monitored) operated each month and the number of valid hours of monitoring data that the monitoring system recovered each month;
 - (4) The date, time period, and cause of each failure to meet the data recovery requirements of Section 12.03(b) and any actions taken to ensure adequate collection of such data;
 - (5) The date, time period, and cause of each failure to recover valid hourly monitoring data for at least 90% of the hours that the equipment (required to be monitored) was operated each day;
 - (6) The results of all cylinder gas audits conducted during the month; and
 - (7) A certification of truth, accuracy, and completeness signed by an authorized representative of the owner or operator.
- (g) **Relative Accuracy Tests.** All relative accuracy tests shall be subject to the provisions of Section 3.07 of this regulation.
- (h) **Exemptions.** The data recording and reporting requirements of Sections 12.03(d) and 12.03(f) shall not apply to continuous VOC monitoring systems required under Section 2.05 of Regulation II. Further, relative accuracy tests shall not be required of these monitoring systems and may be waived for any other monitoring system not otherwise subject to 40 CFR Part 60, Appendix F, provided that the owner or operator demonstrates to the Control Officer that the emissions are consistently below 10% of the applicable emission standard.