

**15A NCAC 02D .1404 RECORDKEEPING: REPORTING: MONITORING:**

- (a) General requirements. The owner or operator of any source shall comply with the monitoring, recordkeeping and reporting requirements in 15A NCAC 02D .0600 and shall maintain all records necessary for determining compliance with all applicable limitations and standards of this Section for five years.
- (b) Submittal of information to show compliance status. The owner or operator of any source shall maintain, and when requested by the Director, submit any information required by this Section to determine the compliance status of an affected source.
- (c) Excess emissions reporting. The owner or operator shall report excess emissions following the procedures in 15A NCAC 02D .0535.
- (d) Continuous emissions monitors.
- (1) The owner or operator shall install, operate, and maintain a continuous emission monitoring system according to 40 CFR Part 75, Subpart H, with such exceptions as may be allowed under 40 CFR Part 75, Subpart H or 40 CFR Part 96 if the source is covered by 15A NCAC 02D .1418, with the exception of internal combustion engines.
  - (2) The owner or operator of a source that is subject to the requirements of this Section but not covered under Subparagraph (1) of this Paragraph and uses a continuous emissions monitoring system to measure emissions of nitrogen oxides shall operate and maintain the continuous emission monitoring system according to 40 CFR Part 60, Appendix B, Performance Specification 2, and Appendix F or 40 CFR Part 75, Subpart H. If diluent monitoring is required, 40 CFR Part 60, Appendix B, Performance Specification 3, shall be used. If flow monitoring is required, 40 CFR Part 60, Appendix B, Performance Specification 6, shall be used.
  - (3) The owner or operator of the following sources are not required to use continuous emission monitors unless the Director determines that a continuous emission monitor is necessary pursuant to 15A NCAC 02D .0611 to show compliance with this Section:
    - (A) a boiler or indirect-fired process heater regulated by 15A NCAC 02D .1407 with a maximum heat input less than or equal to 250 million Btu per hour;
    - (B) stationary internal combustion engines regulated by 15A NCAC 02D .1409 except for those engines regulated by 15A NCAC 02D .1409(b) and .1418.
- (e) Missing data.
- (1) If data from continuous emission monitoring systems required to meet the requirements of 40 CFR Part 75 are not available at a time that the source is operated, the procedures in 40 CFR Part 75, Subpart D shall be used to supply the missing data.
  - (2) For continuous emissions monitors not covered under Subparagraph (1) of this Paragraph, data shall be available for at least 95 percent of the emission source's operating hours for the applicable averaging period, where four equally spaced readings constitute a valid hour. If data from continuous emission monitoring systems are not available for at least 95 percent of the time that the source is operated, the owner or operator of the monitor shall:
    - (A) use the procedures in 40 CFR 75.33 through 75.37 to supply the missing data; or
    - (B) document that the combustion source or process equipment and the control device were being properly operated when the monitoring measurements were missing. For purposes of this Rule, "properly operated" means that operating and maintenance procedures being used complied with permit conditions, operating and maintenance procedures, preventative maintenance procedures, monitoring results, and compliance history.
- (f) Quality assurance for continuous emissions monitors.
- (1) The owner or operator of a continuous emission monitor required to meet 40 CFR Part 75, Subpart H, shall follow the quality assurance and quality control requirements of 40 CFR Part 75, Subpart H.
  - (2) For a continuous emissions monitor not covered under Subparagraph (1) of this Paragraph, the owner or operator of the continuous emissions monitor shall follow the quality assurance and quality control requirements of 40 CFR Part 60, Appendix F, if the monitor is required to be operated annually under another rule. If the continuous emissions monitor is being operated only to satisfy the requirements of this Section, then the quality assurance and quality control requirements of 40 CFR Part 60, Appendix F, shall apply except that:
    - (A) A relative accuracy test audit shall be conducted after January 1 and before May 1 of each year;

- (B) One of the following shall be conducted at least once between May 1 and September 30 of each year:
  - (i) a linearity test, in accordance with 40 CFR Part 75, Appendix A, Section 3.2, 6.2, and 7.1;
  - (ii) a relative accuracy audit, in accordance with 40 CFR Part 60, Appendix F, Section 5 and 6; or
  - (iii) a cylinder gas audit in accordance with 40 CFR Part 60, Appendix F, Section 5.0 and 6.0; and
- (C) A daily calibration drift test shall be conducted in accordance with 40 CFR Part 60, Appendix F, Section 4.0.

(g) Averaging time for continuous emissions monitors. When compliance with a limitation established for a source subject to the requirements of this Section is determined using a continuous emissions monitoring system, a 24-hour block average as described in 15A NCAC 02D .0606 shall be recorded for each day beginning May 1 through September 30, unless a specific rule requires a different averaging time or procedure. A 24-hour block average as defined in 15A NCAC 02D .0606 shall be used when a continuous emissions monitoring system is used to determine compliance with a short-term pounds per million Btu standard in 15A NCAC 02D .1418.

(h) Heat input. Heat input shall be determined:

- (1) for sources required to use a monitoring system meeting the requirements of 40 CFR Part 75, using the procedures in 40 CFR Part 75; or
- (2) for sources not required to use a monitoring system meeting the requirements of 40 CFR Part 75 using:
  - (A) 40 CFR Part 75;
  - (B) a method in 15A NCAC 02D .0501; or
  - (C) the best available heat input data if approved by the Director. The Director shall grant approval on a case-by-case basis if he or she finds that the heat input data is the best available.

(i) Source testing. When compliance with a limitation established for a source subject to the requirements of this Section is determined using source testing, the source testing shall follow the procedures in 15A NCAC 02D .1415.

(j) Alternative monitoring and reporting procedures. The owner or operator of a source covered under this Rule may request alternative monitoring or reporting procedures pursuant to 15A NCAC 02D .0612.

*History Note: Authority G.S. 143-215.3(a)(1); 143-215.65; 143-215.66; 143.215.107(a)(5); 143.215.107(a)(7); 143.215.107(a)(10); Eff. April 1, 1995; Amended Eff. April 1, 1999; Temporary Amendment Eff. November 1, 2000; Amended Eff. April 1, 2001; Temporary Amendment Eff. August 1, 2001; Amendment Eff. December 1, 2005; January 1, 2005; May 1, 2004; July 15, 2002; Temporary Amendment Eff. December 31, 2008(this amendment replaces the amendment approved by RRC on May 15, 2008); Amended Eff. September 29, 2009(amendment approved by RRC on May 15, 2008); Readopted Eff. October 1, 2020.*