

1.2 Performance and Compliance Testing

- (a) The Environmental Protection Division of the Georgia Department of Natural Resources requires compliance and performance testing to be performed as directed in permits to construct or operate within a designated time from start-up of operation or at other times or frequencies specified, or as otherwise specified by the Director¹. The owner or operator of such facility shall conduct or cause to be conducted performance or compliance test(s) and furnish the Director a written report of such performance or compliance test(s).
- (b) Performance or compliance tests shall be conducted and data shall be reduced in accordance with the test methods and procedures set forth in this section and in each relevant source category unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes of methodology, (2) approves the use of an equivalent method, (3) approves the use of an alternative method, the results of which have been determined to be adequate for indicating whether a specific source is in compliance, (4) waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Director's satisfaction that the affected facility is in compliance with the standard, or (5) approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors. The Director will not exercise the discretion on circumstances (2), (3), or (4) in the preceding sentence without first having obtained written concurrence or approval from the U.S. Environmental Protection Agency. Nothing in this paragraph shall be construed to abrogate either the Director's authority to require testing under the Rules and Regulations for Air Quality Control, Chapter 391-3-1 or the authority of the Administrator of the U.S. Environmental Protection Agency to require testing under the Federal Clean Air Act. For any specific source not referred to in the source categories of this text, applicable test methods in Appendix A shall apply provided (1) the Director specifies the use of that method as the reference equivalent, or alternate method upon the notification required in paragraph (f) of this section, (2) the Director has previously specified or approved the use of the method for that source and has not withdrawn or modified his approval by the specification of another method or amended method. In specific cases, where no applicable method is contained within this text, the Director will specify an appropriate test method and procedure to be used, or he may require the owner or operator to develop an appropriate test method for his (the Director's) approval.
- (c) Performance tests shall be conducted under such conditions as the Director specifies to the owner or operator based on representative performance (i.e., performance based on normal operating conditions) of the affected facility. The owner or operator shall make available to the Director such records as may be necessary to determine the conditions of the performance test.
- (d) Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions of the performance tests unless otherwise specified in the applicable standard or otherwise specified by the Director.
- (e) Normal cyclical operations (e.g., soot blowing, grate dumping, or precipitator rapping) shall constitute representative process conditions.
- (f) The owner or operator of an affected facility shall provide prior notice of the performance tests to the Director to afford him the opportunity to have an observer present. This prior notice period shall be thirty (30) days for sources subject to U.S. EPA New Source Performance Standards or National Emissions Standards for Hazardous Air Pollutants and shall be at least fourteen (14) days for other sources unless otherwise specified by the Director.
- (g) The owner or operator of an affected facility shall provide, or cause to be provided, performance or compliance testing facilities as follows:
 - (1) Sampling locations adequate for test methods applicable to such facility. This includes (i) constructing the air pollution control system such that volumetric flow rates and pollutant emission rates can be accurately determined by applicable test methods and procedures, and (ii) providing a stack or duct free of cyclonic flow during performance tests, as demonstrated by applicable test methods and procedures;

¹Throughout this text, the word "Director" means the Director of the Environmental Protection Division of the Georgia Department of Natural Resources of the State of Georgia, or his designee.

- (2) Safe sampling platform(s);
 - (3) Safe access to sampling platform(s);
 - (4) Utilities for sampling and testing equipment; and
 - (5) Any other facilities that the Director deems necessary for safe and adequate testing of a source.
- (h) Unless otherwise specified in the applicable source category, test method, or otherwise specified by the Director, each performance test shall consist of three separate runs using the applicable test method. Each run shall be conducted for the time and under the conditions as specified for the applicable source category. When any sampling conditions such as, but not limited to, length of each run, sample volume, or sampling rate are not specified in the applicable source category, they shall be requested of the Director prior to the required tests. For the purposes of determining compliance with an applicable standard or regulation, the arithmetic mean of results of the three runs shall apply. In the event that a sample is accidentally lost or conditions occur in which one of the three runs must be discontinued because of forced shutdown, failure of an irreplaceable portion of the sampling train, extreme meteorological conditions, or other circumstances beyond the owner or operator's control, upon the Director's approval, results of a test run may be replaced with results of an additional test run, or compliance may, in limited cases, be determined using the arithmetic mean of the results of the two other runs. Provisions of this paragraph regarding the acceptance of only two test runs shall not apply when the Director has specifically requested the determination of compliance utilizing other means such as requiring more than three test runs. Unless otherwise specified or agreed upon by the Director, all testing shall be accomplished during a 72-hour period. During the entirety of the test period (including all test runs) and for such other time period prior to the conduct of any test that the Director may require, the owner or operator shall, to the extent practical, operate the source and associated air pollution control equipment, without non-routine maintenance, process optimization (tuning), or selective adjustment unless such activities have been previously approved by the Director.
- (i) For each test run, when the effluent from one affected facility is released to the atmosphere through more than one point, all such emission points shall be sampled simultaneously, unless otherwise approved by the Director.
- (j) Data analysis, recordkeeping, and reporting.
- (1) Unless otherwise specified in a relevant standard or test method, or as otherwise approved by the Director in writing, results of a performance test shall include the analysis of samples, determination of emissions, and raw data. A performance test is "completed" when field sample collection is terminated. The owner or operator of an affected source shall report the results of the performance test to the Director before the close of business on the 60th day following the completion of the performance test, unless specified otherwise in a relevant standard or as approved or specified otherwise in writing by the Director. For sources subject to 40 CFR Part 63 the results of the performance test shall be submitted as part of the notification of compliance status required under § 63.9(h)¹ included therein.
 - (2) [Reserved]
 - (3) For a minimum of 5 years after a performance test is conducted, the owner or operator shall retain and make available, upon request, for inspection by the Director the records or results of such performance test and other data needed to determine emissions from an affected source.

¹ Code of Federal Regulations, Title 40, Part 63.