

RULE 1081 SOURCE SAMPLING (Adopted April 11, 1991; Amended December 17, 1992; Amended December 16, 1993)

1.0 Purpose

The purpose of this rule is to ensure that any source operation which emits or may emit air contaminants provides adequate and safe facilities for use in sampling to determine compliance. This rule also specifies methods and procedures for source testing, sample collection, and compliance determination.

2.0 Applicability

The provisions of this rule shall apply to any source operation which emits or may emit air contaminants.

3.0 Sampling Facilities

Upon the request of the APCO and as directed by him, the owner of any source operation which emits or may emit air contaminants, for which emission limits have been established, shall provide the following facilities, constructed in accordance with the general industry safety orders of the State of California.

3.1 Sampling ports: Sampling port locations must be determined according to criteria in the California Air Resources Board Air Monitoring Quality Assurance Volume VI, Standard Operating Procedures for Stationary Emission Monitoring and Testing.

3.2 Sampling platforms: Sampling platforms must be constructed according to specifications shown in the Air Resources Board publication entitled Supplement to Stationary Source Test Methods, Volume I, Appendix A, page 1-A-15.

3.3 Access to sampling platforms: In addition to the general industry safety orders of the State of California Title 14, Number 32776, Chapter 4, Subchapter 7, pertaining to ladders, all ladders accessing sampling platforms on any stack, chimney, or other structure will be caged and equipped with rest platforms at 20 foot intervals.

4.0 Collection of Samples

The owner of such a source operation, when requested by the APCO, shall provide records or other information which will enable the APCO to determine when a representative sample can be taken. In addition, upon the request of the APCO and as directed by him, the owner of such a source operation shall collect, have collected, or allow the APCO to collect, a source sample.

5.0 Test Methods

The applicable test method, if not specified in the rule, shall be conducted in accordance with Title 40 CFR Subpart 60 Appendix A - Reference Methods, except PM₁₀ for compliance with Rule 2201 (New and Modified Stationary Source Review) requirements shall be conducted in accordance with Title 40 CFR Subpart 51, Appendix M, Method 201 or 201A. Where no test method exists in the preceding references for a source type, source sampling shall be conducted in accordance with CARB approved methods.

6.0 Test Procedures

- 6.1 For the purpose of determining compliance with an applicable standard or numerical limitation, the arithmetic mean of three (3) test runs shall apply, unless two (2) of the three (3) results are above the applicable limit. If two (2) of three (3) runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit.
- 6.2 A scheduled source test may not be discontinued solely due to the failure of one or more runs to meet applicable standards.
- 6.3 In the event that a sample is accidentally lost or conditions occur in which one (1) of the three (3) runs must be discontinued because of forced shutdown, failure of an irreplaceable portion of the sampling train, extreme meteorological conditions presenting a hazard to the sampling team, or other circumstances beyond the owner or operators control, upon the APCO's approval, compliance may be determined using the arithmetic mean of the other two (2) runs.

7.0 Administrative Requirements

- 7.1 The District must be notified 30 days prior to any compliance source testing and the owner shall submit a source test plan for District approval 15 days prior to source sampling.
- 7.2 Source sampling to determine the compliance status of an emissions source shall be witnessed or authorized by District personnel.
- 7.3 Source test reports must be submitted to the District within 60 days of completion of field testing. Source tests must be submitted for all District authorized compliance source tests regardless of pass, fail or reschedule because of failure, status. A District authorized compliance source test shall not be discontinued solely due to the failure of one (1) or more runs to meet applicable standards.