

2.104 General Manufacturing Processes

2.104.1 Applicability and Designation of Affected Facility

The provisions of this source category are applicable to any process subject to regulations under Chapter 391-3-1-.02(2)(e) of the Rules and Regulations, which is the affected facility.

2.104.2 Test Methods and Procedures

(a) In conducting the performance tests required in Section 1.2, the owner or operator shall use as reference methods and procedures the test methods in Appendix A of this text or other methods and procedures as specified in this section, except as provided for in Section 1.2(b). Acceptable alternate methods and procedures are given in paragraph (c) of this section.

(b) The owner or operator shall determine compliance with the particulate matter standards as follows:

(1) The emission rate (E) of particulate matter for each run shall be computed using the following equation:

$$E = C_s Q_{sd}$$

Where:

E = emission rate of particulate matter, lbs./hr.

C_s = concentration of particulate matter, lb./dscf.

Q_{sd} = volumetric flow rate of effluent gas, dscf/hr.

(2) Method 5, or when required by the Director where condensable particulate matter might occur, Method 5T shall be used to determine the particulate matter concentration (C_s) and the volumetric flow rate (Q_{sd}) of the effluent gas. The sampling time and sample volume for each run shall be at least 60 minutes and 30 dscf.

(c) For Method 5T, Method 202 may be used in conjunction with Method 5, and Method 5E may be used, in most cases, subject to approval by the Director.