

**2.129 VOC Emissions from Fiberglass Boat Manufacturing**

2.129.1 Applicability and Designation of Affected Facility

The affected facility to which this source category applies is each miscellaneous plastic part or product surface coating operation which is subject to the Georgia Rules for Air Quality Control, (Georgia Rule), Chapter 391-3-1.02(2)(zzz).

2.129.2 Definitions and Symbols

Definitions and symbols for this Section are as specified in the applicable rule.

2.129.3 Monitoring of Emissions and Operations

(a) The owner or operator of an affected facility which uses a capture system and an incinerator to comply with the emission limits shall install, calibrate, maintain, and operate temperature measurement devices according to the following procedures:

- (1) Where thermal incineration is used, a temperature measurement device shall be installed in the firebox. Where catalytic incineration is used, a temperature measurement device shall be installed in the gas stream immediately before and after the catalyst bed.
- (2) Each temperature measurement device shall be installed, calibrated, and maintained according to the manufacturer's specifications. The device shall have an accuracy of the greater of 0.75 percent of the temperature being measured expressed in degrees Celsius or 2.5°C.
- (3) Each temperature measurement device shall be equipped with a recording device so that a permanent continuous record is produced.

(b) The owner or operator of an affected facility which uses a capture system and a solvent recovery system to comply with the emission limits shall install the equipment necessary to determine the total volume of VOC-solvent recovered for each averaging period.

2.129.4 Test Methods and Procedures

(a) The reference methods in Appendix A to this text, except as provided under Section 1.2, shall be used to determine compliance with the applicable standards as follows:

- (1) Method 24, or coating manufacturer's formulations data, for use in the determination of VOC content of each batch of coating as applied to the fiberglass boat. In case of an inconsistency between the Method 24 results and the formulation data, the Method 24 results will govern.
- (2) Method 25 for the measurement of VOC concentration.
- (3) Method 1 for sample and velocity traverses.

- (4) Method 2 for velocity and volumetric flow rate.
- (5) Method 3 for gas analysis.
- (6) Method 4 for stack gas moisture.
- (b) For Method 24, the coating sample must be at least a 1 liter sample in a 1 liter container taken at a point where the sample will be representative of the coating material as applied to the fiberglass boat.
- (c) For Method 25, the minimum sampling time for each of 3 runs is 60 minutes and the minimum sample volume is 0.003 dry standard cubic meters, except that shorter sampling times or smaller volumes, when necessitated by process variables or other factors, may be approved by the Director.
- (d) The Director will approve testing of representative stacks on a case-by-case basis if the owner or operator can demonstrate to the satisfaction of the Director that testing of representative stacks yields results comparable to those that would be obtained by testing all stacks.
- (e) The protocols and methods of Appendix G shall be used to determine the capture efficiency.

---

**[Note:** Each day or fraction of a day in which an affected facility is operated is considered the averaging period unless otherwise specified or approved by the Director.]