

**RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
DIVISION OF AIR AND HAZARDOUS MATERIALS  
AIR POLLUTION CONTROL REGULATION NO. 6**

**CONTINUOUS EMISSION MONITORS**

6. Continuous Emission Monitors

6.1 Definitions

As used in these regulations, the following terms shall, where the context permits, be construed as follows:

6.1.1 “Opacity monitor” means a photoelectric smoke detector which is permanently installed in breeching or stack.

6.2 Requirements

6.2.1 Stationary sources may be required to install and operate a continuous emissions monitoring system. All such systems must be approved by the Director prior to installation.

6.2.2 The following fossil fuel fired steam or hot water generating units shall be equipped with an opacity monitor with audio alarm:

- (a) All units burning No. 6 residual oil or solid fuel.
- (b) Units burning all other liquid fuels and having a heat input capacity of five million Btu per hour or more.

6.2.3 These devices shall be calibrated to sound the alarm at 20 percent opacity and operated continuously during combustion of fuel. If more than one unit is served by a single stack, this requirement may be met with a single device located to detect any visible products of combustion from each unit. The audio alarm must be located in an area where it will be heard by the operator of or other person responsible for the unit(s).

6.2.4 Stationary sources as specified in Title 40 of the Code of Federal Regulations (CFR) Part 51, Appendix P, parts 1-5, as amended,

shall install, calibrate, operate, and maintain a continuous emission monitoring system in accordance with all requirements set forth or referenced therein. In addition to the minimum data requirements set forth in 40 CFR Part 51, Appendix P, parts 1-5, such subject stationary sources shall record and report the total process operating time of the equipment for each calendar quarter to the Division.

6.2.5 The Division shall use the resulting CEM data to determine compliance with applicable emission limits and/or operating and maintenance requirements. The data required to be collected by this regulation must be kept for at least two years and may be used either directly or indirectly for compliance determinations or any purpose deemed appropriate by the Division.

6.2.6 The monitoring and recording required by 6.2.4 of this regulation shall begin 18 months from the effective date of this regulation.

### 6.3 Exemptions

6.3.1 This regulation does not apply to private residences.

6.3.2 Sources as specified in paragraphs 1.2.1 through 1.2.3 of 40 CFR Part 51 Appendix P are exempt from these monitoring requirements.