
40 C.F.R. § 63.7113

What are my monitoring installation, operation, and maintenance requirements?

(a) You must install, operate, and maintain each continuous parameter monitoring system (CPMS) according to your OM&M plan required by § 63.7100(d) and paragraphs (a)(1) through (5) of this section, and you must install, operate, and maintain each continuous opacity monitoring system (COMS) as required by paragraph (g) of this section

- (1) The CPMS must complete a minimum of one cycle of operation for each successive 15-minute period.
- (2) To calculate a valid hourly value, you must have at least four equally spaced data values (or at least two, if that condition is included to allow for periodic calibration checks) for that hour from a CPMS that is not out of control according your OM&M plan, and use all valid data.
- (3) To calculate the average for each 3-hour block averaging period, you must use all valid data, and you must have at least 66 percent of the hourly averages for that period using only hourly average values that are based on valid data (*i.e.*, not from out-of-control periods).
- (4) You must conduct a performance evaluation of each CPMS in accordance with your OM&M plan.
- (5) You must continuously operate and maintain the CPMS according to the OM&M plan, including, but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.

(b) For each flow measurement device, you must meet the requirements in paragraphs (a)(1) through (5) and (b)(1) through (4) of this section.

- (1) Use a flow sensor with a minimum tolerance of 2 percent of the flow rate.
- (2) Reduce swirling flow or abnormal velocity distributions due to upstream and downstream disturbances.
- (3) Conduct a flow sensor calibration check at least semiannually.
- (4) At least monthly, inspect all components for integrity, all electrical connections for continuity, and all mechanical connections for leakage.

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