

Question 19.29

Topic: Reporting of Data from RM Backup Gas Monitors

Question: Are there any special instructions for proper reporting of data from RM backup gas monitoring systems?

Answer: Yes. Use the following guidelines to ensure that the RM data are properly reported:

(1) The reported hourly average concentrations are the values obtained by correcting the raw RM hourly averages for calibration bias, using Equation 7E-5b of RM 7E (or Equation 7E-5a, if applicable).

(2) Report only the final gas concentrations obtained from Equation 7E-5b or 7E-5a.

_ Report these values in *both* the unadjusted and adjusted concentration fields of the Monitor Hourly Value (MHV) data records for SO₂ and for NO_x, if the NO_x monitor is part of a NO_x concentration monitoring system (assume a BAF of 1.000 for all RM data).

_ Report concentration data for CO₂, O₂, and NO_x (if the NO_x monitor is part of a NO_x-diluent system) *only* in the unadjusted data field of the MHV records, and leave the adjusted field blank.

_ Report the concentration values on the *same* moisture basis as the reference method raw data; do *not* correct the reported values for moisture.

(3) For NO_x emission rate, report the calculated lb/mmBtu value in both the unadjusted and adjusted fields of the Derived Hourly Value (DHV) record (assume a BAF of 1.000 for all RM data).

(4) Report a Method of Determination Code of "04" in the MHV or DHV record (as applicable) for each hour in which pollutant or diluent concentration data or NO_x emission rate are obtained with a RM backup system.

(5) In the MHV data records, the component IDs and monitoring system IDs must refer to RM backup monitoring systems and components in the electronic monitoring plan.

(6) For each hourly mass emission rate and heat input rate calculated from the RM data, the formula ID reported in the DHV record must refer to the appropriate formula from the electronic monitoring plan.

References: § 75.20(d)(3), § 75.57 (Table 4a), § 75.64; Method 7E, Section 12.6;

ECMPS Emissions Reporting Instructions, Sections 2.5.1 and 2.5.2;
ECMPS Monitoring Plan Reporting Instructions, Sections 7.0, 8.0, and 9.0

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