

Question 19.30

Topic: Recordkeeping Requirements for RM Backup Monitoring

Question: When Part 75 reference method backup monitoring systems are used during a calendar quarter, what records must be kept in addition to the information reported electronically to EPA in the quarterly report?

Answer: In addition to the electronic reporting requirements, the following records must be kept on-file (active for three years, except for Items (6), (7), and (8), below, which must be kept on file permanently), to be made available to EPA upon request:

- (1) The hourly average data for each RM monitor test run, including date and time stamps. Keep records of both the unadjusted averages and the averages after adjustment for calibration bias.
- (2) The field data for all of the required RM analyzer QA/QC activities during each run (including, as applicable, calibration error checks, bias checks, zero and calibration drift checks).
- (3) The field data and calculated results for any stack gas moisture content determinations made during the RM test runs.
- (4) Documentation of the calibration gas concentrations used for the analyzer QA/QC activities.
- (5) Documented results of the NO₂ to NO conversion efficiency tests of each NO_x analyzer.
- (6) Documentation of the required interference check of each analyzer or analyzer model (as applicable).
- (7) Field data and calculated results for any measurements that were made to verify the representativeness of the RM sampling point location.
- (8) The method used (if applicable) to account for stack gas molecular weight effects.

References: § 75.20(d)(3), § 75.57, § 75.59

History: First published in March 1995, Update #5; revised in October 1999 Revised Manual; revised in 2013 Manual