

Question 9.5

Topic: Requirements Resulting from Span Changes

Question: If I change the span value for a unit or common stack, how do I notify EPA of the change? What hardware tests should I perform and report for instruments if the span changes and if span changes affect the range of the instrument?

Answer: When you change the span associated with a unit or common stack you must submit a revised monitoring plan in electronic format to EPA Headquarters before submitting the quarterly emissions data for the quarter in which the change is made. Periodic evaluation of the reported emissions data is required (once a year, at a minimum), to ensure that the current span and range values are still appropriate (see Appendix A, Sections 2.1.1.5, 2.1.2.5, 2.1.3.2, and 2.1.4.3). If a span change is necessary, it must be made within 45 days of the end of the quarter in which the need to change the span is identified, except that up to 90 days after the end of the quarter are allowed in cases where the span change requires new calibration gases to be ordered.

Submit an electronic record of each span change. Also report any range adjustment associated with the span change. Clearly identify the effective date of the change(s) by closing out the previous <MonitoringSpanData> record by entering the appropriate end date and hour and then adding a new <MonitoringSpanData> record with a new begin date and hour. The calibration gases used for the daily calibration error tests for a given day and hour must be consistent with the active span value listed in the electronic monitoring plan.

Whenever making a change to the span value, perform a diagnostic linearity check for gas concentration monitors (unless the span change is not great enough to require new calibration gases to be ordered) and perform a calibration error test for flow monitors. Use the data validation procedures in § 75.20(b)(3) for these diagnostic tests.

Some types of modifications to the monitor resulting from span and range adjustments may require full recertification of the CEMS. See Question 12.10.

References: § 75.20(b)(3); Appendix A, Sections 2.1.1.5, 2.1.2.5, 2.1.3.2, and 2.1.4.3

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