

Question 19.21

Topic: RM Backup Monitoring and NO_x Conversion Efficiency Tests

Question: Is a Part 75 NO_x RM backup analyzer required to pass a NO₂ to NO conversion efficiency test prior to use?

Answer: A conversion efficiency test, using the procedures described in Section 8.2.4 of Method 7E or the alternative procedures in Section 16.2 of Method 7E, is required prior to the initial use of the analyzer as a RM backup monitor. This test must be repeated each time that the RM backup analyzer is brought into service.

It is recommended that the conversion efficiency test be repeated daily if the RM backup system is used for an extended period of time.

Alternatively, performing the test after several days of use is permissible, but if the test is failed, all data from the analyzer must be invalidated, back to the date and hour of the last successful conversion efficiency test.

References: § 75.20(d)(3); Method 7E, Sections 8.2.4 and 16.2

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