

Question 7.9

Topic: Backup Monitoring -- Valid Data

Question: Suppose that a company has both a certified primary and a certified redundant backup NO_x emission rate monitoring system. Also suppose that the primary system consists of a NO_x analyzer [component ID # N01] and a diluent analyzer [component ID # D01], and that the redundant backup system consists of a NO_x analyzer [component ID # N02] and a diluent analyzer [component ID # D02]. What would happen if either the primary NO_x analyzer or the primary diluent monitor (but not both) were to go down -- could the backup NO_x monitor [component ID # N02] be used with the primary diluent monitor [component ID # D01] or vice-versa (i.e., could the backup diluent monitor [component ID # D02] be used with the primary NO_x analyzer [component ID # N01])?

Answer: Not unless these additional combinations [i.e., component ID # N02 with D01; and component ID # N01 with D02] are also included in the company's monitoring plan as additional redundant backup NO_x systems and that these systems have also been certified and quality-assured as such.

References: § 75.20(d), § 75.30(b)

History: First published in November 1993, Update #2; revised in October 1999 Revised Manual; revised in 2013 Manual