

Question 19.1

Topic: Dilution Systems and Reference Method Applications

Question: Is it acceptable to use an in-stack dilution probe or an out-of-stack (ex-situ) dilution device as part of a Reference Method 6C, 7E, or 3A measurement system that is used for Part 75 backup monitoring? If so, may this type of reference method system also be used for Part 75 RATA applications?

Answer: Yes, to both questions. Except for the measurement of O₂ with Method 3A, an in-stack dilution probe or an ex-situ dilution device may be used as part of a Reference Method 6C, 7E, or 3A system, for Part 75 backup monitoring and RATA applications.

References: § 75.20(d)(3), § 75.22, § 75.24(c)(2), Methods 3A, 6C, and 7E in Appendices A-2 and A-4 to 40 CFR Part 60

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