

Question 19.25

Topic: Formulas and RM Backup Monitoring

Question: Should backup reference method gas monitoring systems be represented in the formulas in the electronic monitoring plan?

Answer: Yes. For RM backup monitoring systems, sufficient formulas must be included in the monitoring plan to represent the calculation of all required quantities (e.g., SO₂ and CO₂ mass emission rates, NO_x emissions in lb/mmBtu, heat input rate in mmBtu/hr, etc.) when the backup RM systems are used for Part 75 data reporting. Each formula must be assigned a unique identification number.

However, note that redundant formulas for a RM backup system are unnecessary if the RM backup system uses the same basic equations as the primary monitoring system.

References: § 75.20(d)(3), § 75.53(g)(1); ECMPS Monitoring Plan Reporting Instructions, Section 9.0

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