

Question 20.5

Topic: Monitoring Plan Requirements

Question: What are the electronic monitoring plan reporting requirements for subtractive stack configurations?

Answer: For all units in the subtractive stack configuration, including the nonaffected unit(s), report all standard unit-level monitoring plan record types including unit data, program data, monitoring methodologies, controls and fuels.

For the main common stack serving both affected and nonaffected units, define the relationship between the stack and units and submit all the standard monitoring plan information to support the continuous emission monitoring systems (CEMS) at the common stack

If the combined emissions from a group of nonaffected units are monitored at a single location (i.e., a secondary common stack, serving only the nonaffected units), define the relationship between the unit and the secondary common stack.

If a group of nonaffected units receives fuel from a common pipe, define the relationship between the unit and the common pipe. For each nonaffected unit monitoring location, report all the standard monitoring plan information to support the CEMS or other monitoring systems for that location.

For each affected unit, report the applicable subtractive mass emissions and heat input formulas and any apportionment formulas (i.e., Equations SS-1a, SS-1b, SS-2a, SS-2b, SS-2c, SS-3a, SS-3b, F-21a, F-21b, or F-25, as applicable).

If you petition and receive approval to use a minimum NO_x rate for missing data purposes, include the approved minimum rate in the <MonitoringDefaultData> record. Use the code "MNNX" as the parameter and "APP" (approval) as the source of data code. See Question 20.10.

Also include a narrative description of the subtractive stack configuration and method used to determine NO_x mass emissions in <MonitoringPlanCommentData> record, as described in Question 20.11.

References: EDR v2.1/2.2, 500-level RTs

History: First published in March 2000, Update #12; revised in 2013 Manual