

Question 16.7

Topic: CO₂ Monitoring and Reporting for Multiple Stacks or Ducts

Question: What are the requirements for CO₂ monitoring and reporting for a unit with multiple stacks or ducts?

Answer: If you choose to use O₂ or CO₂ analyzers to calculate CO₂ mass emissions, install analyzers in all stacks or ducts. Use “MS” prefixes to define a multiple stack or duct configuration. Calculate and report the CO₂ mass emission rate in tons/hr for each stack or duct separately.

Provide quarterly and cumulative CO₂ mass emissions for each stack or duct as follows:

- (1) multiply each hourly mass emission rate reported for the stack or duct by the corresponding stack operating time; and
- (2) take the sum of these products.

Report cumulative CO₂ mass emissions only for the individual stacks or ducts in the multiple stack/duct configuration. Do *not* report the combined CO₂ mass emissions for the affected unit.

References: § 75.13(c); Appendices F and G

History: First published in March 1995, Update #5; revised in October 1999 Revised Manual; revised in October 2003 Revised Manual; revised in 2013 Manual