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## 40 C.F.R. § 75.10

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### General operating requirements.

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(a) *Primary Measurement Requirement.* The owner or operator shall measure opacity, and all SO<sub>2</sub>, NO<sub>x</sub>, and CO<sub>2</sub> emissions for each affected unit as follows:

(1) To determine SO<sub>2</sub> emissions, the owner or operator shall install, certify, operate, and maintain, in accordance with all the requirements of this part, a SO<sub>2</sub> continuous emission monitoring system and a flow monitoring system with an automated data acquisition and handling system for measuring and recording SO<sub>2</sub> concentration (in ppm), volumetric gas flow (in scfh), and SO<sub>2</sub> mass emissions (in lb/hr) discharged to the atmosphere, except as provided in §§ 75.11 and 75.16 and subpart E of this part;

(2) To determine NO<sub>x</sub> emissions, the owner or operator shall install, certify, operate, and maintain, in accordance with all the requirements of this part, a NO<sub>x</sub>-diluent continuous emission monitoring system (consisting of a NO<sub>x</sub> pollutant concentration monitor and an O<sub>2</sub> or CO<sub>2</sub> diluent gas monitor) with an automated data acquisition and handling system for measuring and recording NO<sub>x</sub> concentration (in ppm), O<sub>2</sub> or CO<sub>2</sub> concentration (in percent O<sub>2</sub> or CO<sub>2</sub>) and NO<sub>x</sub> emission rate (in lb/mmBtu) discharged to the atmosphere, except as provided in §§ 75.12 and 75.17 and subpart E of this part. The owner or operator shall account for total NO<sub>x</sub> emissions, both NO and NO<sub>2</sub>, either by monitoring for both NO and NO<sub>2</sub> or by monitoring for NO only and adjusting the emissions data to account for NO<sub>2</sub>;

(3) The owner or operator shall determine CO<sub>2</sub> emissions by using one of the following options, except as provided in § 75.13 and subpart E of this part:

(i) The owner or operator shall install, certify, operate, and maintain, in accordance with all the requirements of this part, a CO<sub>2</sub> continuous emission monitoring system and a flow monitoring system with an automated data acquisition and handling system for measuring and recording CO<sub>2</sub> concentration (in ppm or percent), volumetric gas flow (in scfh), and CO<sub>2</sub> mass emissions (in tons/hr) discharged to the atmosphere;

(ii) The owner or operator shall determine CO<sub>2</sub> emissions based on the measured carbon content of the fuel and the procedures in appendix G of this part to estimate CO<sub>2</sub> emissions (in ton/day) discharged to the atmosphere;  
or

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