

## 40 C.F.R. § 53.1

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### Definitions.

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Terms used but not defined in this part shall have the meaning given them by the Act.

*Act* means the Clean Air Act (42 U.S.C. 1857-1857l), as amended.

*Additive and multiplicative bias* means the linear regression intercept and slope of a linear plot fitted to corresponding candidate and reference method mean measurement data pairs.

*Administrator* means the Administrator of the Environmental Protection Agency (EPA) or his or her authorized representative.

*Agency* means the Environmental Protection Agency.

*Applicant* means a person or entity who submits an application for a Federal reference method or Federal equivalent method determination under § 53.4, or a person or entity who assumes the rights and obligations of an applicant under § 53.7. Applicant may include a manufacturer, distributor, supplier, or vendor.

*Automated method or analyzer* means a method for measuring concentrations of an ambient air pollutant in which sample collection (if necessary), analysis, and measurement are performed automatically by an instrument.

*Candidate method* means a method for measuring the concentration of an air pollutant in the ambient air for which an application for a Federal reference method determination or a Federal equivalent method determination is submitted in accordance with § 53.4, or a method tested at the initiative of the Administrator in accordance with § 53.7.

*Class I equivalent method* means an equivalent method for PM<sub>2.5</sub> or PM<sub>10-2.5</sub> which is based on a sampler that is very similar to the sampler specified for reference methods in appendix L or appendix O (as applicable) of part 50 of this chapter, with only minor deviations or modifications, as determined by EPA.

*Class II equivalent method* means an equivalent method for PM<sub>2.5</sub> or PM<sub>10-2.5</sub> that utilizes a PM<sub>2.5</sub> sampler or PM<sub>10-2.5</sub> sampler in which integrated PM<sub>2.5</sub> samples or PM<sub>10-2.5</sub> samples are obtained from the atmosphere by filtration and subjected to a subsequent filter conditioning process followed by a gravimetric mass determination, but which is not a Class I equivalent method because of substantial deviations from the design specifications of the sampler specified for reference methods in appendix L or appendix O (as applicable) of part 50 of this chapter, as determined by EPA.

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