
40 C.F.R. § 53.50

General provisions.

- (a) A candidate method for PM_{2.5} or PM_{10-2.5} described in an application for a FRM or FEM determination submitted under § 53.4 shall be determined by the EPA to be a FRM or a Class I, II, or III FEM on the basis of the definitions for such methods given in § 53.1. This subpart sets forth the specific tests that must be carried out and the test results, evidence, documentation, and other materials that must be provided to EPA to demonstrate that a PM_{2.5} or PM_{10-2.5} sampler associated with a candidate reference method or Class I or Class II equivalent method meets all design and performance specifications set forth in appendix L or O, respectively, of part 50 of this chapter as well as additional requirements specified in this subpart E. Some or all of these tests may also be applicable to a candidate Class III equivalent method or analyzer, as may be determined under § 53.3(b)(3).
- (b) *PM_{2.5} methods*—(1) *Reference method*. A sampler associated with a candidate reference method for PM_{2.5} shall be subject to the provisions, specifications, and test procedures prescribed in §§ 53.51 through 53.58.
- (2) *Class I method*. A sampler associated with a candidate Class I equivalent method for PM_{2.5} shall be subject to the provisions, specifications, and test procedures prescribed in all sections of this subpart.
- (3) *Class II method*. A sampler associated with a candidate Class II equivalent method for PM_{2.5} shall be subject to the provisions, specifications, and test procedures prescribed in all applicable sections of this subpart, as specified in subpart F of this part or as specified in § 53.3(a)(3).

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