

Environmental Protection Agency

§ 86.095–24

paragraphs (1) (1) and (2) of this section.

(1) Application for certification. In the application for certification, the manufacturer shall submit the projected sales volume of engine families certifying to the respective standards, and the in-use standards that each engine family will meet. Volume projected to be produced for U.S. sale may be used in lieu of projected U.S. sales.

(2) End-of-year reports for each engine family.

(i) These end-of-year reports shall be submitted within 90 days of the end of the model year to: Director, Manufacturers Operations Division (6405J), U.S. Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460.

(ii) These reports shall indicate the model year, engine family, and the actual U.S. sales volume. The manufacturer may petition the Administrator to allow volume produced for U.S. sale to be used in lieu of U.S. sales. Such petition shall be submitted within 30 days of the end of the model year to the Manufacturers Operations Division. For the petition to be granted, the manufacturer must establish to the satisfaction of the Administrator that production volume is functionally equivalent to sales volume.

(iii) The U.S. sales volume for end-of-year reports shall be based on the location of the point of sale to a dealer, distributor, fleet operator, broker, or any other entity which comprises the point of first sale.

(iv) Failure by a manufacturer to submit the end-of-year report within the specified time may result in certificate(s) for the engine family(ies) certified to Tier 0 certification standards being voided ab initio plus any applicable civil penalties for failure to submit the required information to the Agency.

(v) These reports shall include the information required under § 86.094–7(h)(1). The information shall be organized in such a way as to allow the Administrator to determine compliance with the Tier 1 standards implementation schedules of §§ 86.094–8 and 86.094–9, and the Tier 1 and Tier 1₁ implementa-

tion schedules of §§ 86.708–94 and 86.709–94.

[58 FR 66294, Dec. 20, 1993, as amended at 59 FR 14110, Mar. 25, 1994]

§ 86.095–24 Test vehicles and engines.

Section 86.095–24 includes text that specifies requirements that differ from § 86.094–24. Where a paragraph in § 86.094–24 is identical and applicable to § 86.095–24, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.094–24.” Where a corresponding paragraph of § 86.094–24 is not applicable, this is indicated by the statement “[Reserved].”

(a)–(b)(1)(v) introductory text [Reserved]. For guidance see § 86.094–24.

(b)(1)(v)(A) The manufacturer will select for testing under high-altitude conditions the vehicle expected to exhibit the highest emissions from the nonexempt vehicles selected in accordance with § 86.094–24(b)(1) (ii), (iii), and (iv); or

(B) In lieu of testing vehicles according to paragraph (b)(1)(v)(A) of this section, a manufacturer may provide a statement in its application for certification that, based on the manufacturer’s engineering evaluation of such high-altitude emission testing as the manufacturer deems appropriate that all light-duty vehicles and light-duty trucks not exempt under § 86.090–8(h) or § 86.094–9(h) comply with the emission standards at high altitude.

(vi) If 90 percent or more of the engine family sales will be in California, a manufacturer may substitute emission data vehicles selected by the California Air Resources Board criteria for the selections specified in § 86.094–24(b)(1) (i), (ii), and (iv).

(vii)(A) Vehicles of each evaporative emission family will be divided into evaporative emission control systems.

(B) The Administrator will select the vehicle expected to exhibit the highest evaporative emissions, from within each evaporative family to be certified, from among the vehicles represented by the exhaust emission data selections for the engine family, unless evaporative testing has already been completed on the vehicle expected to

exhibit the highest evaporative emissions for the evaporative family as part of another engine family's testing.

(C) If the vehicles selected in accordance with paragraph (b)(1)(vii)(B) of this section do not represent each evaporative emission control system then the Administrator will select the highest expected evaporative emission vehicle from within the unrepresented evaporative system.

(viii) For high-altitude evaporative emission compliance for each evaporative emission family, the manufacturer shall follow one of the following procedures:

(A) The manufacturer will select for testing under high-altitude conditions the one nonexempt vehicle previously selected under paragraph (b)(1)(vii)(B) or (C) of this section which is expected to have the highest level of evaporative emissions when operated at high altitude; or

(B) In lieu of testing vehicles according to § 86.094–24(b)(1)(viii)(A), a manufacturer may provide a statement in its application for certification that, based on the manufacturer's engineering evaluation of such high-altitude emission testing as the manufacturer deems appropriate, that all light-duty vehicles and light-duty trucks not exempt under § 86.090–8(h) or § 86.094–9(h) comply with the emission standards at high altitude.

(ix) Vehicles selected under paragraph (b)(1)(v)(A) of this section may be used to satisfy the requirements of paragraph (b)(1)(viii)(A) of this section.

(x) [Reserved]

(b)(2)–(h) [Reserved]. For guidance see § 86.094–24.

[58 FR 4035, Jan. 12, 1993]

§ 86.095–26 Mileage and service accumulation; emission measurements.

Section 86.095–26 includes text that specifies requirements that differ from § 86.094–26. Where a paragraph in § 86.094–26 is identical and applicable to § 86.095–26, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.094–26.” Where a corresponding paragraph of § 86.094–26 is not applicable, this is indicated by the statement “[Reserved].”

(a)–(b)(4)(i)(C) [Reserved]. For guidance see § 86.094–26.

(b)(4)(i)(D) For each engine family, the manufacturer will either select one vehicle previously selected under § 86.094–24(b)(1)(i) through (iv) to be tested under high altitude conditions or provide a statement in accordance with § 86.095–24(b)(1)(v). Vehicles shall meet emission standards under both low- and high-altitude conditions without manual adjustments or modifications. In addition, any emission control device used to conform with the emission standards under high-altitude conditions shall initially actuate (automatically) no higher than 4,000 feet above sea level.

(ii) *Diesel.* (A) The manufacturer shall determine, for each engine family, the mileage at which the engine-system combination is stabilized for emission data testing. The manufacturer shall maintain, and provide to the Administrator if requested, a record of the rationale used in making this determination. The manufacturer may elect to accumulate 4,000 miles on each test vehicle within an engine family without making a determination. The manufacturer must accumulate a minimum of 2,000 miles (3,219 kilometers) on each test vehicle within an engine family. All test vehicle mileage must be accurately determined, recorded, and reported to the Administrator. Any vehicle used to represent emission data vehicle selections under § 86.094–24(b)(1) shall be equipped with an engine and emission control system that has accumulated the mileage the manufacturer chose to accumulate on the test vehicle. Fuel economy data generated from certification vehicles selected in accordance with § 86.094–24(b)(1) with engine-system combinations that have accumulated more than 10,000 kilometers (6,200 miles) shall be factored in accordance with § 600.006–87(c) of this chapter. Complete exhaust emission tests shall be conducted for each emission data vehicle selection under § 86.094–24(b)(1). The Administrator may determine under § 86.094–24(f) that no testing is required.

(B) Emission tests for emission data vehicle(s) selected for testing under § 86.094–24(b)(1)(v) shall be conducted at the mileage (2,000 mile minimum) at