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(8) Any voiding of the certificate under paragraph (a) (10) or (11) of this section will be made only after the manufacturer concerned has been offered an opportunity for a hearing conducted in accordance with § 86.1014.

[58 FR 4028, Jan. 12, 1993, as amended at 58 FR 9487, Feb. 19, 1993; 60 FR 15247, Mar. 23, 1995; 75 FR 22979, Apr. 30, 2010; 79 FR 23691, Apr. 28, 2014]

§ 86.095–14 Small-volume manufacturers certification procedures.

(a)–(c)(11)(ii)(B)(15) [Reserved]

(c)(11)(ii)(B)(16) A description of vehicle adjustments or modifications required by §§ 86.094–8(j) and 86.094–9(j), if any, to assure that light-duty vehicles and light-duty trucks covered by a certificate of conformity conform to the regulations while being operated at any altitude locations, and a statement of the altitude at which the adjustments or modifications apply.

(17) A description of the light-duty vehicles and light-duty trucks which are exempted from the high altitude emission standards.

(18) Proof that the manufacturer has obtained or entered an agreement to purchase, when applicable, the insurance policy required by the § 85.1510(b) of this chapter. The manufacturer may submit a copy of the insurance policy or purchase agreement as proof that the manufacturer has obtained or entered an agreement to purchase the insurance policy.

(C) The results of all emission tests the manufacturer performs to demonstrate compliance with the applicable standards.

(D)(1) The following statement signed by the authorized representative of the manufacturer: “The vehicles (or engines) described herein have been tested in accordance with (list of the applicable subparts A, B, D, I, M, N, or P) of part 86, title 40, Code of Federal Regulations, and on the basis of those tests are in conformance with that subpart. All of the data and records required by that subpart are on file and are available for inspection by the EPA Administrator. We project the total U.S. sales of vehicles (engines) subject to this subpart (including all vehicles and engines imported under the provisions of

40 CFR 85.1505 and 40 CFR 85.1509) to be fewer than 10,000 units.”

(2) A statement as required by and contained in § 86.094–14(c)(5) signed by the authorized representative of the manufacturer.

(3) A statement that the vehicles or engines described in the manufacturer’s application for certification are not equipped with auxiliary emission control devices which can be classified as a defeat device as defined in § 86.092–2.

(4) A statement of compliance with section 206(a)(3) of the Clean Air Act (42 U.S.C. 7525(a)(3)).

(5) A statement that, based on the manufacturer’s engineering evaluation and/or emission testing, the light-duty vehicles and light-duty trucks comply with emission standards at high altitude unless exempt under § 86.094–8(h) or § 86.094–9(h).

(6) [Reserved]

(c)(11)(ii)(D)(7)–(c)(15) [Reserved]

[58 FR 4035, Jan. 12, 1993, as amended at 75 FR 22979, Apr. 30, 2010]

§ 86.095–35 Labeling.

(a) The manufacturer of any motor vehicle (or motor vehicle engine) subject to the applicable emission standards (and family emission limits, as appropriate) of this subpart, shall, at the time of manufacture, affix a permanent legible label, of the type and in the manner described below, containing the information hereinafter provided, to all production models of such vehicles (or engines) available for sale to the public and covered by a Certificate of Conformity under § 86.091–30(a).

(1)–(2) [Reserved]

(3) *Heavy-duty engines.* (i) A permanent legible label shall be affixed to the engine in a position in which it will be readily visible after installation in the vehicle.

(ii) The label shall be attached to an engine part necessary for normal engine operation and not normally requiring replacement during engine life.

(iii) The label shall contain the following information lettered in the English language in block letters and numerals which shall be of a color that contrasts with the background of the label:

(A) The label heading: “Important Engine Information.”;

(B) The full corporate name and trademark of the manufacturer; though the label may identify another company and use its trademark instead of the manufacturer’s as long as the manufacturer complies with the provisions of 40 CFR 1039.640.

(C) Engine displacement (in cubic inches or liters) and engine family and model designations;

(D) Date of engine manufacture (month and year). The manufacturer may, in lieu of including the date of manufacture on the engine label, maintain a record of the engine manufacture dates. The manufacturer shall provide the date of manufacture records to the Administrator upon request;

(E) Engine specifications and adjustments as recommended by the manufacturer. These specifications should indicate the proper transmission position during tune-up and what accessories (e.g., air conditioner), if any, should be in operation;

(F) For Otto-cycle engines the label should include the idle speed, ignition timing, and the idle air-fuel mixture setting procedure and value (e.g., idle CO, idle air-fuel ratio, idle speed drop), and valve lash;

(G) For diesel engines the label should include the advertised hp at rpm, fuel rate at advertised hp in mm³/stroke, valve lash, initial injection timing, and idle speed;

(H) The prominent statement: “This engine conforms to U.S. EPA regulations applicable to 19XX Model Year New Heavy-Duty Engines.”;

(I) If the manufacturer is provided with an alternate useful life period under the provisions of § 86.094–21(f), the prominent statement: “This engine has been certified to meet U.S. EPA standards for a useful-life period of XXX miles or XXX hours of operation, whichever occurs first. This engine’s actual life may vary depending on its service application.” The manufacturer may alter this statement only to express the assigned alternate useful life in terms other than miles or hours (e.g., years, or hours only);

(J) For diesel engines. The prominent statement: “This engine has a primary intended service application as a XXX

heavy-duty engine.” (The primary intended service applications are light, medium, and heavy, as defined in § 86.902–2.);

(K) For Otto-cycle engines. One of the following statements, as applicable:

(1) For engines certified to the emission standards under § 86.091–10 (a)(1)(i) or (iii), the statement: “This engine is certified for use in all heavy-duty vehicles.”;

(2) For gasoline-fueled engines certified under the provisions of § 86.091–10(a)(3)(i), the statement: “This engine is certified for use in all heavy-duty vehicles under the special provision of 40 CFR 86.091–10(a)(3)(i).”;

(3) For engines certified to the emission standards under § 86.091–10(a)(1) (ii) or (iv), the statement: “This engine is certified for use only in heavy-duty vehicles with a gross vehicle weight rating above 14,000 lbs.”;

(L) For diesel engines which are included in the diesel heavy-duty particulate averaging program, the family particulate emission limit to which the engine is certified;

(M) For any heavy-duty engines which are included in the heavy-duty NO_x averaging program, the family NO_x emission limit to which the engine is certified;

(N) Engines granted final admission under § 85.1505 of this chapter must comply with the labeling requirements contained in § 85.1510 of this chapter.

(O) For engines with one or more approved AECDs for emergency vehicle applications under paragraph (4) of the definition of “defeat device” in § 86.004–2, the statement: “THIS ENGINE IS FOR INSTALLATION IN EMERGENCY VEHICLES ONLY.”

(iv) The label may be made up of one or more pieces: Provided, That all pieces are permanently attached to the same engine or vehicle part as applicable.

(4) Heavy-duty vehicles employing a fuel or fuels covered by evaporative emission standards. This paragraph (a)(4) applies for vehicles subject to evaporative emission standards under this subpart, as described in § 86.016–1(a)(4). See 40 CFR part 1037 for provisions that apply in later model years.

(i) A permanent, legible label shall be affixed in a readily visible position in

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the engine compartment. If such vehicles do not have an engine compartment, the label required in paragraphs (a)(4) and (g)(1) of this section shall be affixed in a readily available position on the operator's enclosure or on the engine.

(ii) The label shall be affixed by the vehicle manufacturer who has been issued the Certificate of Conformity for such vehicle, in such a manner that it cannot be removed without destroying or defacing the label. The label shall not be affixed to any equipment which is easily detached from such vehicle.

(iii) The label shall contain the following information lettered in the English language in block letters and numerals, which shall be of a color that contrasts with the background of the label:

(A) The label heading: Vehicle Emission Control Information;

(B) Full corporate name and trademark of manufacturer;

(C) Evaporative family identification;

(D) The maximum nominal fuel tank capacity (in gallons) for which the evaporative control system is certified (this requirement does not apply to vehicles whose evaporative control system efficiency is not dependent on fuel tank capacity); and

(E) An unconditional statement of compliance with the appropriate model year U.S. Environmental Protection Agency regulations which apply to XXX-fueled heavy-duty vehicles.

(F) Vehicles granted final admission under §85.1505 of this chapter must comply with the labeling requirements contained in §85.1510 of this chapter.

(b) The provisions of this section shall not prevent a manufacturer from also reciting on the label that such vehicle (or engine) conforms to any applicable state emission standards for new motor vehicles (or new motor vehicle engines) or any other information that such manufacturer deems necessary for, or useful to, the proper operation and satisfactory maintenance of the vehicle (or engine).

(c)-(f) [Reserved]

(g) *Incomplete vehicle fuel tank capacity.* This paragraph (g) applies for vehicles subject to evaporative emission standards under this subpart, as de-

scribed in §86.016-1(a)(4). See 40 CFR part 1037 for provisions that apply in later model years.

(1) Incomplete heavy-duty vehicles employing a fuel or fuels which are nominally liquid at normal atmospheric pressure and temperature for which evaporative emission standards exist shall have the following prominent statement printed on the label required in paragraph (a)(4) of this section: "Manufacturer's corporate name) has determined that this vehicle conforms to U.S. EPA regulations applicable to 19XX Model Year New XXX-Fueled Heavy-Duty Vehicles when completed with a nominal fuel tank capacity not to exceed XXX gallons. Persons wishing to add fuel tank capacity beyond the above maximum must submit a written statement to the Administrator that the hydrocarbon storage system has been upgraded according to the requirements of 40 CFR 86.095-35(g)(2)."

(2) Persons wishing to add fuel tank capacity beyond the maximum specified on the label required in paragraph (g)(1) of this section shall:

(i) Increase the amount of fuel tank vapor storage material according to the following function:

$$\text{Cap}_f = \text{Cap}_i \left(\frac{\text{T. Vol.}}{\text{Max. Vol.}} \right)$$

Where:

Cap_f = final amount of fuel tank vapor storage material, grams.

Cap_i = initial amount of fuel tank vapor storage material, grams.

T. Vol. = total fuel tank volume of completed vehicle, gallons.

Max. Vol. = maximum fuel tank volume as specified on the label required in paragraph (g)(1) of this section, gallons.

(ii) Use, if applicable, hosing for fuel vapor routing which is at least as impermeable to hydrocarbon vapors as that used by the primary manufacturer.

(iii) Use vapor storage material with the same absorptive characteristics as that used by the primary manufacturer.

(iv) Connect, if applicable, any new hydrocarbon storage device to the existing hydrocarbon storage device in

series such that the original hydrocarbon storage device is situated between the fuel tank and the new hydrocarbon storage device. The original hydrocarbon storage device shall be sealed such that vapors cannot reach the atmosphere. The elevation of the original hydrocarbon storage device shall be equal to or lower than the new hydrocarbon storage device.

(v) Submit a written statement to the Administrator that paragraphs (g)(2)(i) through (g)(2)(iv) of this section have been complied with.

(3) If applicable, the Administrator will send a return letter verifying the receipt of the written statement required in paragraph (g)(2)(v) of this section.

(h) *Notification of nonconformance penalty.* (1) Light-duty trucks and heavy-duty vehicles and engines for which nonconformance penalties are to be paid in accordance with § 86.1113-87(b) shall have the following information printed on the label required in paragraph (a) of this section. The manufacturer shall begin labeling production engines or vehicles within 10 days after the completion of the PCA. This statement shall read: “The manufacturer of this engine/vehicle will pay a nonconformance penalty to be allowed to introduce it into commerce at an emission level higher than the applicable emission standard. The compliance level (or new emission standard) for this engine/vehicle is XXX.” (The manufacturer shall insert the applicable pollutant and compliance level calculated in accordance with § 86.1112-87(a).)

(2) If a manufacturer introduces an engine or vehicle into commerce prior to the compliance level determination of § 86.1112-87(a), it shall provide the engine or vehicle owner with a label as described above to be affixed in a location in proximity to the label required in paragraph (a) of this section within 30 days of the completion of the PCA.

(i) All light-duty vehicles and light-duty trucks shall comply with SAE Recommended Practices J1877 July 1994, “Recommended Practice for Bar-Coded Vehicle Identification Number Label,” and J1892 October 1993, “Recommended Practice for Bar-Coded Vehicle Emission Configuration Label.”

SAE J1877 and J1892 are incorporated by reference. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from the Society of Automotive Engineers, Inc., 400 Commonwealth Drive, Warrendale, PA 15096-0001. Copies may be inspected at Docket No. A-90-35 at EPA’s Air Docket (LE-131), Room 1500M, 1st Floor, Waterside Mall, 401 M St., SW., Washington, DC, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

[56 FR 25755, June 5, 1991, as amended at 57 FR 31913, July 17, 1992; 58 FR 4037, Jan. 12, 1993; 58 FR 9487, Feb. 19, 1993; 58 FR 15799, Mar. 24, 1993; 58 FR 16020, Mar. 24, 1993; 58 FR 33209, June 16, 1993; 58 FR 34536, June 28, 1993; 59 FR 48499, Sept. 21, 1994; 63 FR 70694, Dec. 22, 1998; 70 FR 40433, July 13, 2005; 75 FR 22979, Apr. 30, 2010; 77 FR 34146, June 8, 2012; 79 FR 23691, Apr. 28, 2014]

§ 86.096-2 Definitions.

The definitions listed in this section apply beginning with the 1996 model year. The definitions of § 86.094-2 continue to apply to 1996 and later model year vehicles.

Certification Short Test means the test, for gasoline-fueled Otto-cycle light-duty vehicles and light-duty trucks, performed in accordance with the procedures contained in 40 CFR part 86 subpart O.

Diurnal breathing losses means diurnal emissions.

Diurnal emissions means evaporative emissions resulting from the daily cycling of ambient temperatures.

Hot soak emissions means evaporative emissions after termination of engine operation.

Hot-soak losses means hot soak emissions.

Resting losses means evaporative emissions that may occur continuously, that are not diurnal emissions, hot soak emissions, running losses, or spitback emissions.

Running losses means evaporative emissions that occur during vehicle operation.