

Environmental Protection Agency

§ 86.1102–87

Subpart J—Fees for the Motor Vehicle and Engine Compliance Program

§ 86.901 Assessment of fees.

See 40 CFR part 85, subpart Y, for the applicable fees associated with certifying engines and vehicles under this part.

[71 FR 51487, Aug. 30, 2006]

Subpart K—Selective Enforcement Auditing of New Heavy-Duty Engines

§ 86.1001 Applicability.

(a) The selective enforcement auditing program described in 40 CFR part 1068, subpart E, applies for all heavy-duty engines as described in this section. In addition, the provisions of 40 CFR 1068.10 and 1068.20 apply for any selective enforcement audits of these engines.

(b) For heavy-duty engines, the prescribed test procedure is the Federal Test Procedure as described in subparts I, N, and P of this part (including provisions of 40 CFR part 1065 as specified in this part), except that they shall not be subject to the test procedures specified in §§ 86.1360(b)(2) and (f), 86.1370, 86.1372, and 86.1380. The Administrator may, on the basis of a written application by a manufacturer, approve optional test procedures other than those in subparts I, N, and P of this part for any heavy-duty vehicle which is not susceptible to satisfactory testing using the procedures in subparts I, N, and P of this part.

[75 FR 22980, Apr. 30, 2010]

Subpart L—Nonconformance Penalties for Gasoline-Fueled and Diesel Heavy-Duty Engines and Heavy-Duty Vehicles, Including Light-Duty Trucks

SOURCE: 50 FR 35388, Aug. 30, 1985, unless otherwise noted.

§ 86.1101–87 Applicability.

(a) The provisions of this subpart are applicable for 1987 and later model year gasoline-fueled and diesel heavy-duty

engines and heavy-duty vehicles. These vehicles include light-duty trucks rated in excess of 6,000 pounds gross vehicle weight.

(b) References in this subpart to engine families and emission control systems shall be deemed to apply to durability groups and test groups as applicable for manufacturers certifying new light-duty trucks and Otto-cycle complete heavy-duty vehicles under the provisions of subpart S of this part.

[65 FR 59957, Oct. 6, 2000]

§ 86.1102–87 Definitions.

(a) The definitions in this section apply to this subpart.

(b) As used in this subpart, all terms not defined herein have the meaning given them in the Act.

Compliance level means the deteriorated pollutant emissions level at the 60th percentile point for a population of heavy-duty engines or heavy-duty vehicles subject to Production Compliance Audit testing pursuant to the requirements of this subpart. A compliance level for a pollutant can only be determined for a pollutant for which an upper limit has been established in this subpart.

Configuration means a subdivision, if any, of a heavy-duty engine family for which a separate projected sales figure is listed in the manufacturer's Application for Certification and which can be described on the basis of emission control system, governed speed, injector size, engine calibration, or other parameters which may be designated by the Administrator, or a subclassification of light-duty truck engine family emission control system combination on the basis of engine code, inertia weight class, transmission type and gear ratios, rear axle ratio, or other parameters which may be designated by the Administrator.

NCP means a nonconformance penalty as described in section 206(g) of the Clean Air Act and in this subpart.

PCA means Production Compliance Audit as described in § 86.1106–87 of this subpart.

Subclass means a classification of heavy-duty engines of heavy-duty vehicles based on such factors as gross vehicle weight rating, fuel usage (gasoline-, diesel-, and methanol-fueled), vehicle usage, engine horsepower or additional criteria that the Administrator shall apply. Subclasses include, but are not limited to:

- (i) Light-duty gasoline-fueled Otto cycle trucks (6,001-8,500 lb. GVW)
- (ii) Light-duty methanol-fueled Otto cycle trucks (6,001-8,500 lb. GVW)
- (iii) Light-duty petroleum-fueled diesel trucks (6,001-8,500 lb. GVW)
- (iv) Light-duty methanol-fueled diesel trucks (6,001-8,500 lb. GVW)
- (v) Light heavy-duty gasoline-fueled Otto cycle engines (for use in vehicles of 8,501-14,000 lb. GVW)
- (vi) Light heavy-duty methanol-fueled Otto cycle engines (for use in vehicles of 8,501-14,000 lb. GVW)
- (vii) Heavy heavy-duty gasoline-fueled Otto cycle engines (for use in vehicles of 14,001 lb and above GVW)
- (viii) Heavy heavy-duty methanol-fueled Otto cycle engines (for use in vehicles of 14,001 lb. and above GVW)
- (ix) Light heavy-duty petroleum-fueled diesel engines (see § 86.085-2(a)(1))
- (x) Light heavy-duty methanol-fueled diesel engines (see § 86.085-2(a)(1))
- (xi) Medium heavy-duty petroleum-fueled diesel engines (see § 86.085-2(a)(2))
- (xii) Medium heavy-duty methanol-fueled diesel engines (see § 86.085-2(a)(2))
- (xiii) Heavy heavy-duty petroleum-fueled diesel engines (see § 86.085-2(a)(3))
- (xiv) Heavy heavy-duty methanol-fueled diesel engines (see § 86.085-2(a)(3))
- (xv) Petroleum-fueled Urban Bus engines (see § 86.091-2)
- (xvi) Methanol-fueled Urban Bus engines (see § 86.091-2).

For NCP purposes, all optionally certified engines and/or vehicles (engines certified in accordance with § 86.087-10(a)(3) and vehicles certified in accordance with § 86.085-1(b)) shall be considered part of, and included in the FRAC calculation of, the subclass for which they are optionally certified.

Test Sample means a group of heavy-duty engines or heavy-duty vehicles of the same configuration which have been selected for emission testing.

Upper limit means the emission level for a specific pollutant above which a certificate of conformity may not be issued or may be suspended or revoked.

[50 FR 35388, Aug. 30, 1985, as amended at 55 FR 46628, Nov. 5, 1990]

§ 86.1103-87 Criteria for availability of nonconformance penalties.

(a) EPA shall establish for each subclass of heavy-duty engines and heavy-duty vehicles (other than motorcycles), an NCP for a motor vehicle pollutant, when any new or revised emission standard is more stringent than the previous standard for the pollutant, or when an existing standard for that pollutant becomes more difficult to achieve because of a new or revised standard, provided that EPA finds:

(1) That for such subclass of engines or vehicles, substantial work will be required to meet the standard for which the NCP is offered, and

(2) That there is likely to be a technological laggard.

(b) Substantial work, as used in paragraph (a)(1) of this section, means the application of technology not previously used in an engine or vehicle class or subclass, or the significant modification of existing technology or design parameters, needed to bring the vehicle or engine into compliance with either the more stringent new or revised standard or an existing standard which becomes more difficult to achieve because of a new or revised standard.

§ 86.1104-91 Determination of upper limits.

(a) The upper limit applicable to a pollutant emission standard for a subclass of heavy-duty engines or heavy-duty vehicles for which an NCP is established in accordance with § 86.1103-87, shall be the previous pollutant emission standard for that subclass.

(b) If no previous standard existed for the pollutant under paragraph (a) of this section, the upper limit will be developed by EPA during rulemaking.