

§ 86.007–23

United States related to the requirements of this part.

[65 FR 59954, Oct. 6, 2000, as amended at 70 FR 40433, July 13, 2005; 71 FR 51487, Aug. 30, 2006; 79 FR 23689, Apr. 28, 2014]

§ 86.007–23 Required data.

Section 86.007–23 includes text that specifies requirements that differ from § 86.098–23 or § 86.001–23. Where a paragraph in § 86.098–23 or § 86.001–23 is identical and applicable to § 86.007–23, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.098–23.” or “[Reserved]. For guidance see § 86.001–23.”.

(a)–(b)(1) [Reserved]. For guidance see § 86.098–23.

(b)(2) [Reserved]

(b)(3) and (b)(4) [Reserved]. For guidance see § 86.098–23.

(c) *Emission data from certification vehicles and engines.* The manufacturer shall submit emission data for each applicable emission standard from vehicles and engines tested in accordance with applicable test procedures and in such numbers as specified. These data shall include zero-mile or zero-hour data, if generated, and emission data generated for certification as required under § 86.004–26. However, manufacturers may provide a statement in the application for certification that vehicles and engines comply with the following standards instead of submitting test data, provided that the statement is supported by previous emission tests, development tests, or other appropriate information, and good engineering judgment:

(1) Idle CO, smoke, or particulate matter emissions from methanol-fueled or gaseous-fueled diesel-cycle certification engines.

(2) Particulate matter emissions from Otto-cycle certification engines or gaseous-fueled certification engines.

(3) CO emissions from diesel-cycle certification engines.

(4) Formaldehyde emissions from petroleum-fueled engines.

(5) Particulate matter and formaldehyde emissions when conducting Selective Enforcement Audit testing of Otto-cycle engines.

40 CFR Ch. I (7–1–14 Edition)

(6) Smoke from methanol-fueled or petroleum-fueled diesel-cycle certification engines.

(7) Smoke when conducting Selective Enforcement Audit testing of diesel-cycle engines.

(8) Evaporative emissions from vehicles fueled by natural gas, liquefied petroleum gas, or hydrogen.

(d)–(e)(1) [Reserved]. For guidance see § 86.098–23.

(e)(2) and (e)(3) [Reserved]. For guidance see § 86.001–23.

(f)–(g) [Reserved]

(h)–(k) [Reserved]. For guidance see § 86.098–23.

(l) [Reserved]

(m) [Reserved]. For guidance see § 86.098–23.

[66 FR 5164, Jan. 18, 2001, as amended at 74 FR 56373, Oct. 30, 2009; 78 FR 36388, June 17, 2013; 79 FR 23689, Apr. 28, 2014]

§ 86.007–25 Maintenance.

Section 86.007–25 includes text that specifies requirements that differ from § 86.094–25, § 86.098–25, or § 86.004–25. Where a paragraph in § 86.094–25, § 86.098–25, or § 86.004–25 is identical and applicable to § 86.007–25, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.094–25.”, “[Reserved]. For guidance see § 86.098–25.”, or “[Reserved]. For guidance see § 86.004–25.”.

(a)–(a)(2) [Reserved]. For guidance see § 86.004–25.

(b) introductory text through (b)(3)(ii) [Reserved]. For guidance see § 86.094–25.

(b)(3)(iii)–(b)(3)(v)(H) [Reserved]. For guidance see § 86.004–25.

(b)(3)(vi)(A)–(b)(3)(vi)(D) [Reserved]. For guidance see § 86.094–25.

(b)(3)(vi)(E)–(b)(3)(vi)(J) [Reserved]. For guidance see § 86.098–25.

(b)(4) introductory text through (b)(4)(iii)(C) [Reserved]. For guidance see § 86.004–25.

(b)(4)(iii)(D) Particulate trap or trap oxidizer systems including related components (adjustment and cleaning only for filter element, replacement of the filter element is not allowed during the useful life).

(b)(4)(iii)(E) [Reserved]. For guidance see § 86.004–25.

(F) Catalytic converter (adjustment and cleaning only for catalyst beds, replacement of the bed is not allowed during the useful life).

(b)(4)(iii)(G)–(b)(6) [Reserved]. For guidance see § 86.004-25.

(b)(7)–(h) [Reserved]. For guidance see § 86.094-25.

(i) Notwithstanding the provisions of § 86.004-25(b)(4)(iii) introductory text through (b)(4)(iii)(C), paragraph (b)(4)(iii)(D) of this section, § 86.004-25(b)(4)(iii)(E), paragraph (b)(4)(iii)(F) of this section, § 86.004-25(b)(4)(iii)(G), and § 86.004-25(b)(6), manufacturers of heavy-duty engines may schedule replacement or repair of particulate trap (or trap oxidizer) systems or catalytic converters (including NO_x adsorbers), provided:

(1) The manufacturer demonstrates to the Administrator's satisfaction that the repair or replacement will be performed according to the schedule; and

(2) The manufacturer pays for the repair or replacement.

[66 FR 5164, Jan. 18, 2001]

§ 86.007-30 Certification.

(a)(1)(i) If, after a review of the test reports and data submitted by the manufacturer, data derived from any inspection carried out under § 86.091-7(c) and any other pertinent data or information, the Administrator determines that a test vehicle(s) (or test engine(s)) meets the requirements of the Act and of this subpart, he will issue a certificate of conformity with respect to such vehicle(s) (or engine(s)) except in cases covered by paragraphs (a)(1)(ii) and (c) of this section.

(ii) *Gasoline-fueled and methanol-fueled heavy-duty vehicles.* If, after a review of the statement(s) of compliance submitted by the manufacturer under § 86.094-23(b)(4) and any other pertinent data or information, the Administrator determines that the requirements of the Act and this subpart have been met, he will issue one certificate of conformity per manufacturer with respect to the evaporative emission family(ies) covered by paragraph (c) of this section.

(2) Such certificate will be issued for such period not to exceed one model year as the Administrator may deter-

mine and upon such terms as he may deem necessary or appropriate to assure that any new motor vehicle (or new motor vehicle engine) covered by the certificate will meet the requirements of the Act and of this part.

(3)(i) One such certificate will be issued for each engine family. For gasoline-fueled and methanol-fueled light-duty vehicles and light-duty trucks, and petroleum-fueled diesel cycle light-duty vehicles and light-duty trucks not certified under § 86.098-28(g), one such certificate will be issued for each engine family-evaporative/refueling emission family combination. Each certificate will certify compliance with no more than one set of in-use and certification standards (or family emission limits, as appropriate).

(ii) For gasoline-fueled and methanol-fueled heavy-duty vehicles, one such certificate will be issued for each manufacturer and will certify compliance for those vehicles previously identified in that manufacturer's statement(s) of compliance as required in § 86.098-23(b)(4)(i) and (ii).

(iii) For diesel light-duty vehicles and light-duty trucks, or diesel HDEs, included in the applicable particulate averaging program, the manufacturer may at any time during production elect to change the level of any family particulate emission limit by demonstrating compliance with the new limit as described in § 86.094-28(a)(6), § 86.094-28(b)(5)(i), or § 86.004-28(c)(5)(i). New certificates issued under this paragraph will be applicable only for vehicles (or engines) produced subsequent to the date of issuance.

(iv) For light-duty trucks or HDEs included in the applicable NO_x averaging program, the manufacturer may at any time during production elect to change the level of any family NO_x emission limit by demonstrating compliance with the new limit as described in § 86.094-28(b)(5)(ii) or § 86.004-28(c)(5)(ii). New certificates issued under this paragraph will be applicable only for vehicles (or engines) produced subsequent to the day of issue.

(4)–(5) [Reserved]

(6) Catalyst-equipped vehicles, otherwise covered by a certificate, which are driven outside the United States, Canada, and Mexico will be presumed to