

Environmental Protection Agency

§ 86.004-11

manufacturer, the emissions warranty shall also be shared in the same manner as specified in the warranty agreement.

[62 FR 54720, Oct. 21, 1997, as amended at 65 FR 59945, Oct. 6, 2000; 66 FR 5159, Jan. 18, 2001]

§ 86.004-9 Emission standards for 2004 and later model year light-duty trucks.

Section 86.004-9 includes text that specifies requirements that differ from § 86.097-9, § 86.099-9, § 86.000-9 or § 86.001-9. Where a paragraph in § 86.097-9, § 86.099-9, § 86.000-9 or § 86.001-9 is identical and applicable to § 86.004-9, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.097-9.” or “[Reserved]. For guidance see § 86.099-9.” or “[Reserved]. For guidance see § 86.000-9.” or “[Reserved]. For guidance see § 86.001-9.”

(a)(1) introductory text through (a)(1)(iii) [Reserved]. For guidance see § 86.097-9.

(a)(1)(iv)-(b)(4) [Reserved]. For guidance see § 86.099-9.

(b)(5) [Reserved]

(b)(6) [Reserved]. For guidance see § 86.001-9.

(c) [Reserved]. For guidance see § 86.097-9.

(d) Refueling emissions from 2004 and later model year gasoline-fueled and methanol-fueled Otto-cycle and petroleum-fueled and methanol-fueled diesel-cycle light-duty trucks shall not exceed the following standards. The standards apply equally to certification and in-use vehicles.

(d)(1)-(d)(2)(ii) [Reserved]. For guidance see § 86.001-9.

(d)(2)(iii) Heavy-duty vehicles certified as light-duty trucks under the provisions of § 86.085-1 shall comply with the provisions of § 86.001-9 (d)(1)(i) and (ii).

(3)(i) All light-duty trucks of a GVWR equal to 6,000 pounds or less (100%) must meet the refueling emission standard.

(ii) A minimum of the percentage shown in table A04-09 of a manufacturer's sales of the applicable model year's gasoline- and methanol-fueled Otto-cycle and petroleum-fueled and methanol-fueled diesel-cycle light-duty

trucks of 6,001 to 8,500 pounds GVWR shall be tested under the procedures in subpart B of this part indicated for 2004 and later model years, and shall not exceed the standards described in § 86.001-9 (d)(1). Vehicles certified in accordance with § 86.001-9 (d)(2)(ii), as determined by the provisions of § 86.001-28(g), shall not be counted in the calculation of the percentage of compliance:

TABLE A04-09—IMPLEMENTATION SCHEDULE FOR LIGHT-DUTY TRUCK REFUELING EMISSION TESTING

Model year	Sales percentage
2004	40
2005	80
2006 and subsequent	100

(e) [Reserved]. For guidance see § 86.000-9.

(f) [Reserved]

(g)-(k) [Reserved]. For guidance see § 86.097-9.

[61 FR 54889, Oct. 22, 1996]

§ 86.004-11 Emission standards for 2004 and later model year diesel heavy-duty engines and vehicles.

This section applies to 2004 and later model year diesel HDEs.

(a)(1) Exhaust emissions from new 2004 and later model year diesel HDEs shall not exceed the following:

(i)(A) Oxides of Nitrogen plus Non-methane Hydrocarbons (NO_x +NMHC) for engines fueled with either petroleum fuel, natural gas, or liquefied petroleum gas, 2.4 grams per brake horsepower-hour (0.89 gram per megajoule), as measured under transient operating conditions.

(B) Oxides of Nitrogen plus Non-methane Hydrocarbon Equivalent (NO_x+NMHCE) for engines fueled with methanol, 2.4 grams per brake horsepower-hour (0.89 gram per megajoule), as measured under transient operating conditions.

(C) *Optional standard.* Manufacturers may elect to certify to an Oxides of Nitrogen plus Non-methane Hydrocarbons (or equivalent for methanol-fueled engines) standard of 2.5 grams per brake horsepower-hour (0.93 gram per megajoule), as measured under