Environmental Protection Agency

§ 86.1814–02

Emission standards for light-duty trucks 3.

This section applies to 2002 and later model year light-duty truck 3’s fueled by gasoline, diesel, methanol, natural gas and liquefied petroleum gas fuels except as noted. Multi-fueled vehicles shall comply with all requirements established for each consumed fuel. For methanol fueled vehicles, references in this section to total hydrocarbons shall mean total hydrocarbon equivalents and references to non-methane hydrocarbons shall mean non-methane hydrocarbon equivalents. This section does not apply to 2004 and later model year vehicles, except as specifically referenced by §86.1811–04.

(a) Exhaust emission standards. (1) Exhaust emissions shall not exceed the following standards at intermediate useful life:
   (i) [Reserved]
   (ii) Non-methane hydrocarbons: 0.32 grams per mile.
   (iii) Carbon monoxide: 4.4 grams per mile.
   (iv) Oxides of nitrogen: 0.7 grams per mile except diesel-fueled vehicles which have no standard.
   (v) [Reserved]

(b) Supplemental exhaust emissions. (1) Supplemental exhaust emissions for 2002 and later model year gasoline-fueled light-duty truck 3’s shall not exceed the following standards at full useful life:
   (i) Total hydrocarbons: 0.80 grams per mile except natural gas fueled vehicles which have no total hydrocarbon standard.
   (ii) Non-methane hydrocarbons: 0.46 grams per mile.
   (iii) Carbon monoxide: 6.4 grams per mile.
   (iv) Oxides of nitrogen: 0.98 grams per mile.
   (v) Particulate matter: 0.10 grams per mile.

(c) Running loss test. Running loss test shall be 0.05 grams per mile.

(d) Fuel dispensing spitback test. Fuel dispensing spitback test shall be 1.0 grams per test.

(e) Certification short test. Certification short test emissions from gasoline-fueled Otto-cycle light-duty vehicles and light-duty trucks shall not exceed the following standards:
   (1) Hydrocarbons: 100 ppm as hexane.
   (2) Carbon monoxide: 0.5%.

(g) Idle exhaust emission standards. Exhaust emissions of carbon monoxide from 2001 and later model year gasoline, methanol, natural gas-and liquefied petroleum gas-fueled light-duty trucks shall not exceed the following standards:
   (1) Total hydrocarbons: 100 ppm as hexane.
   (2) Non-methane hydrocarbons: 0.32 grams per mile.
   (3) Carbon monoxide: 4.4 grams per mile.
   (4) Oxides of nitrogen: 0.7 grams per mile.
   (5) Particulate matter: 0.10 grams per mile.

(h) Manufacturers may request to group light-duty truck 3’s into the same test group as vehicles subject to more stringent standards, so long as those light-duty truck 3’s meet the most stringent standards applicable to any vehicle within that test group, as provided at §86.1827(a)(5) and (d)(4).

(64 FR 23925, May 4, 1999, as amended at 65 FR 59970, Oct. 6, 2000)
§ 86.1815–01

Exhaust emission standards for light-duty trucks 4.

This section applies to 2001 and later model year light-duty truck 4’s fueled by gasoline, diesel, methanol, natural gas and liquefied petroleum gas fuels except as noted. Multi-fueled vehicles shall comply with all requirements established for each consumed fuel. For methanol fueled vehicles, references in this section to total hydrocarbons shall mean total hydrocarbon equivalents and references to non-methane hydrocarbons shall mean non-methane hydrocarbon equivalents.

(a) Exhaust emission standards. (1) Exhaust emissions from light-duty truck 4’s shall not exceed the following standards at intermediate useful life:
   (i) [Reserved]
   (ii) Non-methane hydrocarbons: 0.39 grams per mile.
   (iii) Carbon monoxide: 5.0 grams per mile.
   (iv) Oxides of nitrogen: 1.1 grams per mile except diesel fueled vehicles which have no standard.

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