

§ 86.007-38 Maintenance instructions.

This section includes text that specifies requirements that differ from those specified in § 86.096-38 or § 86.004-38. Where a paragraph in § 86.096-38 or § 86.004-38 is identical and applicable to § 86.007-38, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.096-38., or [Reserved]. For guidance see § 86.004-38.”

(a)-(f) [Reserved]. For guidance see § 86.004-38.

(g) [Reserved]. For guidance see § 86.096-38. For incorporation by reference see §§ 86.1 and 86.096-38.

(h) [Reserved]. For guidance see § 86.004-38.

(i) For each new diesel-fueled engine subject to the standards prescribed in § 86.007-11, as applicable, the manufacturer shall furnish or cause to be furnished to the ultimate purchaser a statement that “This engine must be operated only with low sulfur diesel fuel (that is, diesel fuel meeting EPA specifications for highway diesel fuel, including a 15 ppm sulfur cap).”

[66 FR 5165, Jan. 18, 2001, as amended at 68 FR 38455, June 27, 2003]

EFFECTIVE DATE NOTE: At 69 FR 39212, June 29, 2004, § 86.007-38 was amended by revising paragraph (i) effective August 30, 2004. For the convenience of the user, the revised text is set forth as follows:

§ 86.007-38 Maintenance instructions.

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(i) For each new diesel-fueled engine subject to the standards prescribed in § 86.007-11, as applicable, the manufacturer shall furnish or cause to be furnished to the ultimate purchaser a statement that “This engine must be operated only with ultra low-sulfur diesel fuel (meeting EPA specifications for highway diesel fuel, including a 15 ppm sulfur cap).”

§ 86.008-10 Emission standards for 2008 and later model year Otto-cycle heavy-duty engines and vehicles.

Section 86.008-10 includes text that specifies requirements that differ from § 86.098-10, § 86.099-10, § 86.005-10. Where a paragraph in § 86.098-10, § 86.099-10, or § 86.005-10 is identical and applicable to § 86.008-10, this may be indicated by specifying the corresponding paragraph

and the statement “[Reserved]. For guidance see § 86.098-10.”, “[Reserved]. For guidance see § 86.099-10.”, or “[Reserved]. For guidance see § 86.005-10.”

(a)(1) Exhaust emissions from new 2008 and later model year Otto-cycle HDEs shall not exceed:

(i)(A) *Oxides of Nitrogen plus Non-methane Hydrocarbons (NO_x + NMHC) for engines fueled with either gasoline, natural gas, or liquefied petroleum gas.* 1.0 grams per brake horsepower-hour (0.37 grams per megajoule).

(B) *Oxides of Nitrogen plus Non-methane Hydrocarbon Equivalent (NO_x + NMHCE) for engines fueled with methanol.* 1.0 grams per brake horsepower-hour (0.37 grams per megajoule).

(a)(1)(i)(C)-(a)(3)(ii) [Reserved]. For guidance see § 86.005-10.

(4) [Reserved]

(b) [Reserved]. For guidance see § 86.099-10.

(c) [Reserved]. For guidance see § 86.098-10.

(d) [Reserved]. For guidance see § 86.005-10.

(e) [Reserved]. For guidance see § 86.099-10.

(f) [Reserved]

[65 FR 59955, Oct. 6, 2000]

EDITORIAL NOTE: At 66 FR 5165, Jan. 18, 2001, § 86.008-10 was added. However, § 86.008-10 already existed. For the convenience of the user, the second § 86.008-10 is set forth as follows:

§ 86.008-10 Emission standards for 2008 and later model year Otto-cycle heavy-duty engines and vehicles.

Section 86.008-10 includes text that specifies requirements that differ from § 86.099-10. Where a paragraph in § 86.099-10 is identical and applicable to § 86.008-10, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.099-10.”

(a)(1) Exhaust emissions from new 2008 and later model year Otto-cycle HDEs shall not exceed:

(i)(A) *Oxides of Nitrogen (NO_x).* 0.20 grams per brake horsepower-hour (0.075 grams per megajoule).

(B) A manufacturer may elect to include any or all of its Otto-cycle HDE families in any or all of the NO_x and NO_x plus NMHC emissions ABT programs for HDEs, within the restrictions described in § 86.008-15 or § 86.004-15. If the manufacturer elects to include engine families in any of these programs, the NO_x FEL may not exceed 0.50 grams per brake horsepower-hour (0.26 grams