

must include permanent, readily visible labels on the dashboard (or instrument panel) and near all fuel inlets that state “Use Ultra Low Sulfur Diesel Fuel Only”; or “Ultra Low Sulfur Diesel Fuel Only”.

(d)–(i) [Reserved]. For guidance see § 86.095–35.

(j) The Administrator may approve in advance other label content and formats provided the alternative label contains information consistent with this section.

[66 FR 5165, Jan. 18, 2001, as amended at 69 FR 39212, June 29, 2004; 70 FR 40433, July 13, 2005; 71 FR 51487, Aug. 30, 2006]

#### § 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 ultra low-sulfur 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; 69 FR 39212, June 29, 2004]

#### § 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<sub>x</sub>)*. 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<sub>x</sub> and NO<sub>x</sub> 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<sub>x</sub> FEL may not exceed 0.50 grams per brake horsepower-hour (0.26 grams per megajoule). This ceiling value applies whether credits for the family are derived from averaging, banking, or trading programs. The NO<sub>x</sub> FEL cap is 0.80 for model years before 2011 for manufacturers choosing to certify to the 1.5 g/bhp-hr NO<sub>x</sub>+NMHC standard in 2003 or 2004, in accordance with § 86.005–10(f).

(ii)(A) *Non-methane Hydrocarbons (NMHC) for engines fueled with either gasoline, natural gas, or liquefied petroleum gas*. 0.14 grams per brake horsepower-hour (0.052grams per megajoule).

(B) *Non-methane Hydrocarbon Equivalent (NMHCE) for engines fueled with methanol*. 0.14 grams per brake horsepower-hour (0.052grams per megajoule).

(C) A manufacturer may elect to include any or all of its Otto-cycle HDE families in any or all of the 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 NMHC FEL may not exceed 0.30 grams per brake horsepower-hour. This ceiling value applies whether credits for the family are derived from averaging, banking, or trading programs. The NMHC FEL cap is 0.40 for model years before 2011 for manufacturers choosing to certify to the 1.5 g/bhp-hr NO<sub>x</sub>+NMHC in 2004, as allowed in § 86.005–10.

(iii)(A) *Carbon monoxide*. 14.4 grams per brake horsepower-hour (5.36 grams per megajoule).

(B) *Idle Carbon Monoxide*. For all Otto-cycle HDEs utilizing