§ 86.099–1 General applicability.

Section 86.099–1 includes text that specifies requirements that differ from those specified in § 86.094–1. Where a paragraph in § 86.094–1 is identical and applicable to § 86.099–1, this may be indicated by specifying the corresponding paragraph and the statement "[Reserved]. For guidance see § 86.094–1.".

(a)–(b) [Reserved]. For guidance see § 86.094–1.

(c) *National Low Emission Vehicle Program for light-duty vehicles and light light-duty trucks.* A manufacturer may elect to certify 1999 and later model year light-duty vehicles and light light-duty trucks to the provisions of the National Low Emission Vehicle Program contained in subpart R of this part. Subpart R of this part is applicable only to those manufacturers that opt into the National Low Emission Vehicle Program, under the provisions of that subpart, and that have not exercised a valid opt-out from the National Low Emission Vehicle Program, which opt-out has gone into effect under the provisions of § 86.1707. All provisions of this subpart are applicable to vehicles certified pursuant to subpart R of this part, except as specifically noted in subpart R of this part.

(d) [Reserved]

(e)–(f) [Reserved]. For guidance see § 86.094–1.

[63 FR 965, Jan. 7, 1998]

§ 86.099–8 Emission standards for 1999 and later model year light-duty vehicles.

Section 86.099–8 includes text that specifies requirements that differ from § 86.096–8. Where a paragraph in § 86.096–8 is identical and applicable to § 86.099–8, this may be indicated by specifying the corresponding paragraph and the statement "[Reserved]. For guidance see § 86.096–8."

(a)(1)–(a)(1)(ii)(B) [Reserved]. For guidance see § 86.096–8.

(iii) CST emissions from gasoline-fueled Otto-cycle light-duty vehicles measured and calculated in accordance with subpart O of this part may not exceed the standards listed in paragraphs (a)(1)(iii) (A) and (B) of this section.

(A) Hydrocarbons: 100 ppm as hexane.

(B) Carbon monoxide: 0.5%.

(2) [Reserved]

(3) The standards set forth in paragraph (a)(1)(iii) of this section refer to the exhaust emitted during the CST as set forth in subpart O of this part and measured and calculated in accordance with those provisions.

(b) Evaporative emissions from light-duty vehicles shall not exceed the following standards. The standards apply equally to certification and in-use vehicles. The spitback standard also applies to newly assembled vehicles. For certification vehicles only, manufacturers may conduct testing to quantify a level of nonfuel background emissions for an individual test vehicle. Such a demonstration must include a description of the source(s) of emissions and an estimated decay rate. The demonstrated level of nonfuel background emissions may be subtracted from emission test results from certification vehicles if approved in advance by the Administrator.

(1) *Hydrocarbons (for gasoline-fueled, natural gas-fueled, and liquefied petroleum gas-fueled vehicles).* (i)(A) For the full three-diurnal test sequence described in § 86.130–96, diurnal plus hot soak measurements: 2.0 grams per test.

(B) *For the supplemental two-diurnal test sequence described in § 86.130–96, diurnal plus hot soak emissions (gasoline-fueled vehicles only): 2.5 grams per test.*

(ii) *Running loss test (gasoline-fueled vehicles only):* 0.05 grams per mile.

(iii) *Fuel dispensing spitback test (gasoline-fueled vehicles only):* 1.0 grams per test.

(2) *Total Hydrocarbon Equivalent (for methanol-fueled vehicles).* (i)(A) For the full three-diurnal test sequence described in § 86.130–96, diurnal plus hot soak measurements: 2.0 grams carbon per test.

(B) For the supplemental two-diurnal test sequence described in § 86.130–96, diurnal plus hot soak measurements: 2.5 grams carbon per test.

(ii) Running loss test: 0.05 grams carbon per mile.

(iii) Fuel dispensing spitback test: 1.0 gram carbon per test.

(3) The standards set forth in paragraphs (b) (1) and (2) of this section refer to a composite sample of evaporative emissions collected under the