§ 86.098–17 Emission control diagnostic system for 1998 and later light-duty vehicles and light-duty trucks.

Section 86.098–17 includes text that specifies requirements that differ from § 86.094–17. Where a paragraph in § 86.094–17 is identical and applicable to § 86.098–17, this may be indicated by specifying the corresponding paragraph and the statement ''[Reserved]. For guidance see § 86.094–17.''

(a) introductory text through (a)(3) [Reserved]. For guidance see § 86.094–17.

(a)(4) Any other deterioration or malfunction within the powertrain which occurs in actual use and which results in an exhaust emission increase of greater than 0.2 g/mi HC, 1.7 g/mi CO, or 0.5 g/mi NO_X. or any vapor leak in the evaporative and/or refueling system which results in an evaporative emissions increase of greater than 30.0 g/test measured over the first 24 hours of the diurnal portion of the revised evaporative emissions test procedure, in accordance with test procedures set forth in subpart B of this part, for vehicles certified to that test procedure.

(b)(1) The electronic evaporative and/or refueling emission purge control, if equipped, and all emission-related powertrain components connected to a computer shall, at a minimum, be monitored for circuit continuity. All components required by these regulations to be monitored shall be evaluated periodically, but no less frequently than once per Urban Dynamometer Driving Schedule as defined in 40 CFR part 86, appendix I, paragraph (a), or similar trip.

(b)(2)–(i) [Reserved]. For guidance see § 86.094–17.

(j) Demonstration of compliance with California OBD II requirements (Title 13 California Code Sec. 1968.1), as modified pursuant to California Mail Out #97–24 (December 9, 1997), shall satisfy the requirements of this section, except that compliance with Title 13 California Code Secs. 1968.1(b)(4.2.2), pertaining to evaporative leak detection, and 1968.1(d), pertaining to tampering protection, are not required to satisfy the requirements of this section.

[59 FR 16289, Apr. 6, 1994, as amended at 63 FR 70694, Dec. 22, 1998]

§ 86.098–21 Application for certification.

Section 86.098–21 includes text that specifies requirements that differ from § 86.094–21 or § 86.096–21. Where a paragraph in § 86.094–21 or § 86.096–21 is identical and applicable to § 86.098–21, this may be indicated by specifying the corresponding paragraph and the statement ''[Reserved]. For guidance see § 86.094–21.'' or ''[Reserved]. For guidance see § 86.096–21.''.

(a)–(b)(3) [Reserved]. For guidance see § 86.094–21.

(b)(4)(i) For light-duty vehicles and light-duty trucks, a description of the test procedures to be used to establish the evaporative emission and/or refueling emission deterioration factors (as applicable) required to be determined and supplied in § 86.098–23(b)(2).

(b)(4)(ii)–(iv) [Reserved]. For guidance see § 86.094–21.

(b)(5)(v) For light-duty vehicles with non-integrated refueling emission control systems, the number of continuous UDDS cycles, determined from the fuel economy on the UDDS applicable to the test vehicle of that evaporative/refueling emission family-emission control system combination, required to use a volume of fuel equal to 85% of fuel tank volume.

(b)(6)–(8) [Reserved]. For guidance see § 86.094–21.

(b)(9) For each light-duty vehicle, light-duty truck, or heavy-duty vehicle evaporative/refueling emission family, a description of any unique procedures required to perform evaporative and/or refueling emission tests (as applicable) (including canister working capacity, canister bed volume, and fuel temperature profile for the running loss test) for all vehicles in that evaporative/refueling emission family, and a description of the method used to develop those unique procedures.

(10) For each light-duty vehicle, light-duty truck, or heavy-duty vehicle evaporative/refueling emission family:

(i) Canister working capacity, according to the procedures specified in § 86.132–96(h)(1)(iv);

(ii) Canister bed volume; and

(iii) Fuel temperature profile for the running loss test, according to the procedures specified in § 86.129–94(d).