

§ 85.2204

- (1) Hydrocarbons: 220 ppm as hexane.
- (2) Carbon monoxide: 1.2%.

[58 FR 58401, Nov. 1, 1993]

§ 85.2204 Short test standards for 1981 and later model year light-duty trucks.

(a) For light-duty trucks for which the test procedures described in § 85.2209, 85.2210, 85.2211, 85.2212, 85.2214, or 85.2216 are used to establish Emissions Performance Warranty eligibility (that is, 1981 and later model year light-duty trucks at low altitude and 1982 and later model year trucks at high altitude to which high altitude certification standards of 2.0 g/mile HC and 26 g/mile CO or less apply), short test emissions may not exceed the standards listed in paragraphs (a)(1) and (2) of this section.

- (1) Hydrocarbons: 220 ppm as hexane.
- (2) Carbon monoxide: 1.2%.

(b) For light-duty trucks for which the test procedure described in § 85.2214 is used to establish Emissions Performance Warranty eligibility (that is, 1981 and later model year light-duty trucks at low altitude and 1982 and later model year trucks at high altitude to which high altitude certification standards of 2.0 g/mile HC and 26 g/mile CO or less apply), the lowest readings from the two idle modes must be used to determine compliance. Short test emissions may not exceed the standards listed in paragraphs (b)(1) and (2) of this section.

- (1) Hydrocarbons: 200 ppm as hexane.
- (2) Carbon monoxide: 1.0%.

(c) For 1981 and later model year gasoline-fueled light-duty trucks for which any of the test procedures described in § 85.2213, 85.2215, 85.2217, 85.2218, 85.2219, or 85.2220 are utilized to establish Emissions Performance Warranty eligibility (that is, 1981 and later model year light-duty trucks at low altitude and 1982 and later model year trucks at high altitude to which high altitude certification standards of 2.0 g/mile HC and 26 g/mile CO or less apply), short test emissions for all tests and test modes may not exceed the standards listed in paragraphs (c)(1) and (2) of this section.

- (1) Hydrocarbons: 220 ppm as hexane.
- (2) Carbon monoxide: 1.2%.

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40 CFR Ch. I (7-1-00 Edition)

§§ 85.2205-85.2206 [Reserved]

§ 85.2207 On-board diagnostics test standards.

(a) [Reserved]

(b) A vehicle shall fail the on-board diagnostics test if it is a 1996 or newer vehicle and the vehicle connector is missing, has been tampered with, or is otherwise inoperable.

(c) A vehicle shall fail the on-board diagnostics test if the malfunction indicator light is commanded to be illuminated and it is not visually illuminated according to visual inspection.

(d) A vehicle shall fail the on-board diagnostics test if the malfunction indicator light is commanded to be illuminated and any of the following OBD codes, as defined by SAE J2012 are present (where X refers to any digit). The procedure shall be done in accordance with SAE J2012 Diagnostic Trouble Code Definitions, (MAR92). This incorporation of reference was approved by the Director of the Federal Register in accordance with 5 U.S.C.552(a) and 1 CFR part 51. Copies of SAE J2012 may be obtained from the Society of Automotive Engineers, Inc., 400 Commonwealth Drive, Warrendale, PA 15096-0001. Copies may be inspected at the EPA Docket No. A-94-21 at EPA's Air Docket, (LE-131) Room 1500 M, 1st Floor, Waterside Mall, 401 M Street SW, Washington, DC, or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

- (1) Any PX1XX Fuel and Air Metering codes.
- (2) Any PX2XX Fuel and Air Metering codes.
- (3) Any PX3XX Ignition System or Misfire codes.
- (4) Any PX4XX Auxiliary Emission Controls codes.
- (5) P0500 Vehicle Speed Sensor Malfunction.
- (6) P0501 Vehicle Speed Sensor Range/Malfunction.
- (7) P0502 Vehicle Speed Sensor Circuit Low Input.
- (8) P0503 Vehicle Speed Sensor Intermittent/Erratic/High.
- (9) P0505 Idle Control System Malfunction.
- (10) P0506 Idle Control System RPM Lower Than Expected.