

§ 86.102

subpart R of this part, except as specifically noted in subpart R of this part.

(d) References in this subpart to engine families and emission control systems shall be deemed to refer to durability groups and test groups as applicable for manufacturers certifying new light-duty vehicles and light-duty trucks under the provisions of subpart S of this part.

[42 FR 32954, June 28, 1977, as amended at 59 FR 16295, Apr. 6, 1994; 59 FR 48504, Sept. 21, 1994; 61 FR 54890, Oct. 22, 1996; 62 FR 31234, June 6, 1997; 63 FR 965, Jan. 7, 1998; 64 FR 23921, May 4, 1999]

§ 86.102 Definitions.

The definitions in subpart A apply to this subpart.

[45 FR 14508, Mar. 5, 1980]

§ 86.103 Abbreviations.

The abbreviations in subpart A apply to this subpart.

[45 FR 14508, Mar. 5, 1980]

§ 86.104 Section numbering; construction.

(a) The model year of initial applicability is indicated by the section number. The two digits following the hyphen designate the first model year for which a section is effective. A section remains effective until superseded.

Example Section 86.111-78 applies to the 1978 and subsequent model years until superseded. If a § 86.111-81 is promulgated it would take effect beginning with the 1981 model year; § 86.111-78 would apply to model years 1978 through 1980.

(b) A section reference without a model year suffix refers to the section applicable for the appropriate model year.

(c) Unless indicated otherwise, all provisions in this subpart apply to petroleum-fueled, natural gas-fueled, liquefied petroleum gas-fueled and methanol-fueled vehicles.

[42 FR 32954, June 28, 1977. Redesignated at 45 FR 14508, Mar. 5, 1980, as amended at 54 FR 14499, Apr. 11, 1989; 59 FR 48504, Sept. 21, 1994]

§ 86.105 Introduction; structure of subpart.

(a) This subpart describes the equipment required and the procedures to follow in order to perform gaseous ex-

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haust, particulate, and evaporative emission tests on light-duty vehicles and light-duty trucks. Subpart A of this part sets forth testing requirements and test intervals necessary to comply with EPA certification procedures. Not all emission measurement techniques described in this subpart will be necessary for all vehicles. Subpart A of this part defines the conditions under which vehicles may be exempted from measuring methane and/or waived from measuring particulate matter.

(b) Three topics are addressed in this subpart. Sections 86.106 through 86.115 set forth specifications and equipment requirements; §§ 86.116 through 86.126 discuss calibration methods and frequency; test procedures and data requirements are listed in §§ 86.127 through 86.157.

[56 FR 25760, June 5, 1991, as amended at 59 FR 16295, Apr. 6, 1994; 59 FR 48504, Sept. 21, 1994]

§ 86.106-00 Equipment required; overview.

Section 86.106-00 includes text that specifies requirements that differ from § 86.106-96. Where a paragraph in § 86.106-96 is identical and applicable to § 86.106-00, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.106-96.”

(a) introductory text through (a)(2) [Reserved]. For guidance see § 86.106-96.

(a)(3) Fuel, analytical gas, and driving schedule specifications. Fuel specifications for exhaust and evaporative emissions testing and for mileage accumulation for petroleum-fueled and methanol-fueled vehicles are specified in § 86.113. Analytical gases are specified in § 86.114. The EPA Urban Dynamometer Driving Schedule (UDDS), US06, and SC03 driving schedules, for use in exhaust emission tests, and the New York City Cycle (NYCC), for use with the UDDS in running loss tests, are specified in §§ 86.115, 86.130, 86.159, 86.160, and appendix I to this part.

(b) [Reserved]

[61 FR 54890, Oct. 22, 1996]