

§ 600.011-93

40 CFR Ch. I (7-1-07 Edition)

86.079-32, 86.079-33 and 86.082-34 or 40 CFR 86.1842-01 as applicable):

(1) The manufacturer shall generate city fuel economy data by testing according to the applicable procedures.

(2) The manufacturer shall generate highway fuel economy data by:

(i) Testing according to applicable procedures, or

(ii) Using an analytical technique, as described in § 600.006(e).

(3) The data generated in paragraphs (a) (1) and (2) of this section, shall be submitted to the Administrator in combination with other data for the vehicle required to be submitted in part 86.

(b) For each fuel economy data vehicle:

(1) The manufacturer shall generate city fuel economy data and highway fuel economy data by:

(i) Testing according to applicable procedures, or

(ii) Use of an analytical technique as described in § 600.006(e), in addition to testing (e.g., city fuel economy data by testing, highway fuel economy data by analytical technique).

(2) The data generated shall be submitted to the Administrator according to the procedures in § 600.006.

(c) *Minimum data requirements for labeling.* (1) In order to establish fuel economy label values under § 600.306, the manufacturer shall use only test data accepted in accordance with § 600.008 (b) and (f) and meeting the minimum coverage of:

(i) Data required for emission certification under 40 CFR 86.084-24, 86.079-32, 86.079-33, and 86.082-34 or 40 CFR 86.1828-01 and 86.1842-01 as applicable,

(ii) Data from the highest projected model year sales subconfiguration within the highest projected model year sales configuration for each base level, and

(iii) For additional model types established under § 600.207(a)(2), data from each subconfiguration included within the model type.

(2) For the purpose of recalculating fuel economy label values as required

under § 600.314(b), the manufacturer shall submit data required under § 600.507.

(d) *Minimum data requirements for the manufacturer's average fuel economy.* For the purpose of calculating the manufacturer's average fuel economy under § 600.510, the manufacturer shall submit data representing at least 90 percent of the manufacturer's actual model year production, by configuration, for each category identified for calculation under § 600.510(a).

[49 FR 13848, Apr. 6, 1984, as amended at 64 FR 23975, May 4, 1999]

§ 600.011-93 Reference materials.

(a) *Incorporation by reference.* The documents in paragraph (b) of this section have been incorporated by reference. The incorporation by 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 may be inspected at USEPA, OAR, 1200 Pennsylvania Ave., NW., Washington, DC 20460, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

(b) The following paragraphs and tables set forth the material that has been incorporated by reference in this part.

(1) *ASTM material.* The following table sets forth material from the American Society for Testing and Materials which has been incorporated by reference. The first column lists the number and name of the material. The second column lists the section(s) of this part, other than § 600.011, in which the matter is referenced. Copies of these materials may be obtained from American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.

Document number and name	40 CFR part 600 reference
ASTM E 29-67 (Reapproved 1973) Standard Recommended Practice for Indicating Which Places of Figures Are To Be Considered Significant in Specified Limiting Values.	600.002-93, 600.002-08.

Document number and name	40 CFR part 600 reference
ASTM D 1298-85 (Reapproved 1990) Standard Practice for Density, Relative Density (Specific Gravity), or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method.	600.113-93, 600.510-93, 600.113-08, 600.510-08.
ASTM D 3343-90 Standard Test Method for Estimation of Hydrogen Content of Aviation Fuels.	600.113-93, 600.113-08.
ASTM D 3338-92 Standard Test Method for Estimation of Net Heat of Combustion of Aviation Fuels.	600.113-93, 600.113-08.
ASTM D 240-92 Standard Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter.	600.113-93, 600.510-93, 600.113-08, 600.510-08.
ASTM D975-04c "Standard Specification for Diesel Fuel Oils"	600.107-08.
ASTM D 1945-91 Standard Test Method for Analysis of Natural Gas By Gas Chromatography..	600.113-93, 600.113-08.

(2) [Reserved]

[59 FR 39652, Aug. 3, 1994, as amended at 69 FR 18803, Apr. 9, 2004; 71 FR 77933, Dec. 27, 2006]

Subpart B—Fuel Economy Regulations for 1978 and Later Model Year Automobiles—Test Procedures

SOURCE: 42 FR 45657, Sept. 12, 1977, unless otherwise noted.

§ 600.101-08 General applicability.

(a) The provisions of this subpart are applicable to 2008 and later model year automobiles, except medium duty passenger vehicles, manufactured on or after January 26, 2007, and to 2011 and later model year medium-duty passenger vehicles. All 2008 automobiles manufactured prior to January 26, 2007 may optionally comply with the provisions of this subpart.

[71 FR 77933, Dec. 27, 2006]

§ 600.101-86 General applicability.

(a) The provisions of this subpart are applicable to 1986 and later model year gasoline-fueled and diesel automobiles.

[49 FR 13849, Apr. 6, 1984]

§ 600.101-93 General applicability.

The provisions of this subpart are applicable to 1993 and later model year gasoline-fueled, diesel-fueled, alcohol-fueled, natural gas-fueled, alcohol dual fuel, and natural gas dual fuel automobiles.

[59 FR 39652, Aug. 3, 1994]

§ 600.102-78 Definitions.

The definitions in § 600.002 apply to this subpart.

§ 600.103-78 Abbreviations.

The abbreviations in § 600.003 apply to this subpart.

§ 600.104-78 Section numbering, construction.

The section numbering system set forth in § 600.004 applies to this subpart.

§ 600.105-78 Recordkeeping.

The recordkeeping requirements set forth in § 600.005 apply to this subpart.

§ 600.106-08 Equipment requirements.

The requirements for test equipment to be used for all fuel economy testing are given in Subparts B and C of part 86 of this chapter.

[71 FR 77933, Dec. 27, 2006]

§ 600.106-78 Equipment requirements.

The requirements for test equipment to be used for all fuel economy testing are given in §§ 86.106, 86.107, 86.108, 86.109, and 86.111 of this chapter, as applicable.

§ 600.107-08 Fuel specifications.

(a) The test fuel specifications for gasoline, diesel, methanol, and methanol-petroleum fuel mixtures are given in § 86.113 of this chapter, except for cold temperature FTP fuel requirements for diesel and alternative fuel vehicles, which are given in paragraph (b) of this section.

(b)(1) Diesel test fuel used for cold temperature FTP testing must comprise a winter-grade diesel fuel as specified in ASTM D975-04c "Standard Specification for Diesel Fuel Oils" and