§ 80.8 Sampling methods for gasoline and diesel fuel.

The sampling methods specified in this section shall be used to collect samples of gasoline and diesel fuel for purposes of determining compliance with the requirements of this part.


(b) Automatic sampling. Automatic sampling of petroleum products in pipelines shall be performed according to the applicable procedures specified in ASTM method D 4177–95(2000), entitled “Standard Practice for Automatic Sampling of Petroleum and Petroleum Products.”

(c) Sampling and sample handling for volatility measurement. Samples to be analyzed for Reid Vapor Pressure (RVP) shall be collected and handled according to the applicable procedures in ASTM method D 5842–95(2000), entitled “Standard Practice for Sampling and Handling of Fuels for Volatility Measurement.”

(d) Sample compositing. Composite samples shall be prepared using the applicable procedures in ASTM method D 5854–96(2000), entitled “Standard Practice for Mixing and Handling of Liquid Samples of Petroleum and Petroleum Products.”

(e) Incorporations by reference. ASTM standard practices D 4057–95(2000), D 4177–95(2000), D 5842–95(2000), and D 5854–96(2000), are incorporated by reference. These incorporations by reference were 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 obtained from the American Society for Testing and Materials, 100 Barr Harbor Dr., West Conshohocken, PA 19428–2959. Copies may be inspected at the Air Docket Section (LE–131), room M–1500, U.S. Environmental Protection Agency, Docket No. A–97–03, 401 M Street, SW., Washington, DC 20460, or at the National Archives and Records...
§ 80.9 Rounding a test result for determining conformance with a fuels standard.

(a) For purposes of determining compliance with the fuel standards of 40 CFR part 80, a test result will be rounded to the nearest unit of significant digits specified in the applicable fuel standard in accordance with the rounding method described in the ASTM standard practice, ASTM E 29–02, entitled, “Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications”.

(b) ASTM standard practice, E 29–02, is incorporated by reference. This 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. A copy may be obtained from the American Society for Testing and Materials, 100 Barr Harbor Dr., West Conshohocken, PA 19428–2959. Copies may be inspected at the Air Docket, EPA/DC, EPA West, Room B102, 1301 Constitution Ave., NW., Washington, DC, 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.

[70 FR 30086, May 4, 2005]

§§ 80.20–80.21 [Reserved]

§ 80.22 Controls and prohibitions.

(a) After December 31, 1995, no person shall sell, offer for sale, supply, offer for supply, dispense, transport, or introduce into commerce gasoline represented to be unleaded gasoline unless such gasoline meets the defined requirements for unleaded gasoline in §80.2(g); nor shall he dispense, or cause or allow the gasoline other than unleaded gasoline to be dispensed into any motor vehicle which is equipped with a gasoline tank filler inlet which is designed for the introduction of unleaded gasoline. 

(b) After December 31, 1995, no person shall sell, offer for sale, supply, offer for supply, dispense, transport, or introduce into commerce for use as fuel in any motor vehicle (as defined in Section 216(2) of the Clean Air Act, 42 U.S.C. 7550(2)), any gasoline which is produced with the use of lead additives or which contains more than 0.05 gram of lead per gallon.

(f) Every retailer and wholesale purchaser-consumer shall equip all gasoline pumps from which gasoline is dispensed into motor vehicles with a nozzle spout that meets all the following specifications:

(1) The outside diameter of the terminal end shall not be greater than 0.840 inches (2.134 centimeters).

(2) The terminal end shall have a straight section of at least 2.5 inches (6.34 centimeters).

(3) The retaining spring shall terminate at least 3.0 inches (7.6 centimeters) from the terminal end.

(g) The specifications in this paragraph (g) apply for any new nozzle installations used primarily for dispensing gasoline into marine vessels beginning January 1, 2009. (Note that nozzles meeting the specifications of this paragraph (g) also meet the specifications of paragraph (f) of this section. Note also that the additional specifications in this paragraph (g) do not apply for nozzles used primarily for dispensing gasoline into motor vehicles rather than marine vessels.) Every retailer and wholesale purchaser-consumer shall use nozzles meeting these specifications for any new construction or for nozzle replacements. This does not require replacement of existing nozzles for refueling marine vessels before they would be replaced for other reasons. The following specifications apply to spouts on new or replacement nozzles intended for dispensing gasoline into marine vessels:

Subpart B—Controls and Prohibitions