Environmental Protection Agency

§ 86.210–08

(b) Fuel, analytical gas, and driving schedule specifications. Fuel specifications for exhaust emission testing for gasoline-fueled vehicles are specified in § 86.213. Analytical gases are specified in § 86.214. The EPA Urban Dynamometer Driving Schedule (UDDS) for use in gasoline-fueled emission tests is specified in § 86.215 and appendix I to this part.

§ 86.207–94 [Reserved]

§ 86.208–94 Dynamometer.

(a) For testing that is conducted by the Administrator, the dynamometer shall have a single roll with a nominal diameter of 48 inches (1.22 meters), an electrical power absorption unit for simulation of road load power, flywheels or other means for simulating the inertia weight as specified in § 86.229, and a roll or shaft revolution counter or other means for determining distance driven.

(b) For certification testing that is conducted by the manufacturer, a dynamometer with different characteristics may be used provided cold CO emissions are not decreased.

§ 86.209–94 Exhaust gas sampling system; gasoline-fueled vehicles.

The provisions of § 86.108–90 apply to this part.

§ 86.210–08 Exhaust gas sampling system; Diesel-cycle vehicles not requiring particulate emissions measurements.

(a) General applicability. The exhaust gas sampling system requirements of § 86.109–94 (which apply to Otto-cycle vehicles), also apply to diesel vehicles that are not required to undergo particulate measurement as allowed under § 600.111–08(e) of this chapter, except that heated flame ionization detector (HFID), probe, sample lines and filters are required as described as follows:

(1) Petroleum-fueled diesel-cycle vehicles require a heated flame ionization detector (HFID) (375 ±20 °F (191 ±11 °C)) sample for total hydrocarbon (THC) analysis. The HFID sample must be taken directly from the diluted exhaust stream through a heated probe and continuously integrated measurement of diluted THC is required. Unless compensation for varying mass flow is