

Environmental Protection Agency

§ 86.213-11

§ 86.210-94 [Reserved]

§ 86.211-94 Exhaust gas analytical system.

The provisions of § 86.111-94 apply to this subpart, except that the NO_x analyzer is optional. The exhaust gas analytical system must contain components necessary to determine hydrocarbons, carbon monoxide, carbon dioxide, methane, and formaldehyde. The exhaust gas analytical system is not required to contain components necessary for determining oxides of nitrogen.

[71 FR 77923, Dec. 27, 2006]

§ 86.212-94 [Reserved]

§ 86.213-04 Fuel specifications.

Gasoline having the following specifications will be used by the Administrator

except that the Administrator will not use gasoline having a sulfur specification higher than 0.0045 weight percent. Gasoline having the specifications set forth in the table in this section, or substantially equivalent specifications approved by the Administrator, may be used by the manufacturer except that the octane specification does not apply. In lieu of using gasoline having these specifications, the manufacturer may, for certification testing, use gasoline having the specifications specified in § 86.113-04 provided the cold CO emissions are not decreased. Documentation showing that cold CO emissions are not decreased must be maintained by the manufacturer and must be made available to the Administrator upon request. The table listing the cold CO fuel specifications described in the text in this section follows:

TABLE—COLD CO FUEL SPECIFICATIONS

Item	ASTM test	Cold CO low octane value or range	Cold CO high octane ¹ value or range
(RON+MON)/2, min	D 2699	87.8±.3	92.3±0.5
Sensitivity, min	D 2699	7.5	7.5
Distillation range:			
IBP, deg.F	D 86	76-96	76-96
10% point, deg.F.	D 86	98-118	105-125
50% point, deg.F.	D 86	179-214	195-225
90% point, deg.F.	D 86	316-346	316-346
EP, max, deg.F	D 86	413	413
Sulfur, wt. %	D 3120	0.0015-0.008	0.0015-0.008
Phosphorous, g/U.S gal, max	D 3231	0.005	0.005
Lead, g/gal, max		0.01	0.01
RVP, psi	D 4953	11.5±.3	11.5±.3
Hydrocarbon composition			
Olefins, vol. pct	D 1319	12.5±5.0	10.0±5.0
Aromatics, vol. pct		26.4±4.0	32.0±4.0
Saturates		Remainder	Remainder.

¹ Gasoline having these specifications may be used for vehicles which are designed for the use of high-octane premium fuel.

[65 FR 6850, Feb. 10, 2000]

§ 86.213-11 Fuel specifications.

(a) *Gasoline-fueled light-duty vehicles and light-duty trucks.* Gasoline having the following specifications will be used by the Administrator except that the Administrator will not use gasoline having a sulfur specification higher than 0.0045 weight percent. Gasoline having the specifications set forth in the table in this section, or substantially equivalent specifications approved by the Administrator, may be used by the manufacturer except that

the octane specification does not apply. In lieu of using gasoline having these specifications, the manufacturer may, for certification testing, use gasoline having the specifications specified in § 86.113-04 provided the cold CO emissions are not decreased. Documentation showing that cold CO emissions are not decreased must be maintained by the manufacturer and must be made available to the Administrator upon request. The table listing the cold CO fuel specifications described in the text in this section follows: