

BARCLAYS OFFICIAL CALIFORNIA CODE OF REGULATIONS
TITLE 13. MOTOR VEHICLES
DIVISION 3. AIR RESOURCES BOARD
CHAPTER 5. STANDARDS FOR MOTOR VEHICLE FUELS
ARTICLE 1. STANDARDS FOR GASOLINE
SUBARTICLE 2. STANDARDS FOR GASOLINE SOLD BEGINNING MARCH 1, 1996

This database is current through 12/26/2003, Register 2003, No. 52.

s 2262. The California Reformulated Gasoline Phase 2 and Phase 3 Standards.

The CaRFG Phase 2 and CaRFG Phase 3 standards are set

Property	Flat Limits		Averaging Limits		Cap Limits	
	CaRFG Phase 2	CaRFG Phase 3	CaRFG Phase 2	CaRFG Phase 3	CaRFG Phase 2	CaRFG Phase 3
Reid Vapor Pressure [FN1] (pounds per square inch)	7.00	7.00 or 6.90 [FN2]	Not	Not	7.00 [FN3]	6.40-7.20
Sulfur Content	40	20	30	15	80 (parts per million by weight)	60 [FN4] 30 [FN4]
Benzene Content (percent by volume)	1.00	0.80	0.80	0.70	1.20	1.10
Aromatics Content (percent by volume)	25.0	25.0	22.0	22.0	30.0 [FN3]	35.0
Olefins Content (percent by volume)	6.0	6.0	4.0	4.0	10.0	10.0
T50 (degrees Fahrenheit)	210	213	200	203	220	220
T90 (degrees Fahrenheit)	300	305	290 [FN5]	295	330	330
Oxygen Content	1.8 - 2.2	1.8 - 2.2	Not	Not	1.8 [FN6] - 3.5	1.8 [FN6]

forth in the following table. For all properties but Reid vapor pressure (cap limit only) and oxygen content, the value of the regulated property must be less than or equal to the specified limit. With respect to the Reid vapor pressure cap limit and the oxygen content flat and cap limit, the limits are expressed as a range, and the Reid vapor pressure and oxygen content must be less than or equal to the upper limit, and more than or equal to the lower limit. A qualifying small refiner may comply with the small refiner CaRFG Phase 3 standards, in place of the CaRFG Phase 3 standards in this section, in accordance with section 2272.

The California Reformulated Gasoline Phase 2 and Phase 3 Standards

						-3.5
						[FN7]
		(percent	Applic-	Applic-	0 [FN6] -	0 [FN6]
		by	able	able	3.5	- 3.5
		weight)				[FN7]
Methyl	Not	Prohibit-	Not	Not	Not	Prohibi-
tertiary-butyl		ed as				ted as
ether (MTBE) and	Applicable	provided	Applic-	Applic-	Applicab-	provided
		in	able	able	le	in
	oxygenates				s 2262.6	s 2262.6
	other					

than ethanol

[FN1] The Reid vapor pressure (RVP) standards apply only during the warmer weather months identified in section 2262.4.

[FN2] The 6.90 pounds per square inch (psi) flat limit applies only when a producer or importer is using the evaporative emissions model element of the CaRFG Phase 3 Predictive Model, in which case all predictions for evaporative emissions increases or decreases made using the evaporative emissions model are made relative to 6.90 psi and the gasoline may not exceed the maximum RVP cap limit of 7.2 psi. Where the evaporative emissions model element of the CaRFG Phase 3 Predictive Model is not used, the RVP of gasoline sold or supplied from the production or import facility may not exceed 7.0 psi.

[FN3] For sales, supplies, or offers of California gasoline downstream of the production or import facility starting on the date on which early compliance with the CaRFG Phase 3 standards is permitted by the executive officer under section 2261(b) (3), the CaRFG Phase 2 cap limits for Reid vapor pressure and aromatics content shall be 7.20 psi and 35.0 percent by volume respectively.

[FN4] The CaRFG Phase 3 sulfur content cap limits of 60 and 30 parts per million are phased in starting December 31, 2003, and December 31, 2005, respectively, in accordance with section 2261(b) (1) (A).

[FN5] Designated alternative limit may not exceed 310.

[FN6] The 1.8 percent by weight minimum oxygen content cap only applies during specified winter months in the areas identified in section 2262.5(a).

[FN7] If the gasoline contains more than 3.5 percent by weight oxygen but no more than 10 volume percent ethanol, the maximum oxygen content cap is 3.7 percent by weight.

<General Materials (GM) - References, Annotations, or Tables>

Note: Authority cited: Sections 39600, 39601, 43013, 43013.1, 43018, 43101 and 43830, Health and Safety Code; and Western Oil and Gas Ass'n. v. Orange County Air Pollution Control District, 14 Cal.3d 411, 121 Cal.

Rptr. 249 (1975). Reference: Sections 39000, 39001, 39002, 39003, 39010, 39500, 39515, 39516, 41511, 43000, 43013, 43013.1, 43016, 43018, 43101, 43830 and 43830.8, Health and Safety Code; and Western Oil and Gas Ass'n. v. Orange County Air Pollution Control District, 14 Cal.3d 411, 121 Cal. Rptr. 249 (1975).

HISTORY

1. New section filed 8-3-2000; operative 9-2-2000 (Register 2000, No. 31). For prior history see Register 92, No. 4.

2. Amendment of table footnotes filed 12-24-2002; operative 12-24-2002 pursuant to Government Code section 11343.4 (Register 2002, No. 52).

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