











		NMOG GRAMS (MILE)	CO GRAMS (MILE)	NO _x GRAMS (MILE)
LEV I (Cars)	TLEV	0.125 (0.156)	3.4 (4.2)	0.4 (0.6)
	LEV	0.075 (0.090)	3.4 (4.2)	0.2 (0.3)
	ULEV	0.040 (0.055)	1.7 (2.1)	0.2 (0.3)
LEV II (Cars and Trucks less than 8,500 lbs)	LEV	0.075 (0.090)	3.4 (4.2)	0.05 (0.07)
	ULEV	0.040 (0.055)	1.7 (2.1)	0.05 (0.07)
	SULEV	-(0.010)	-(1.0)	-(0.02)

VEHICLE IDENTIFICATION AND EMISSION RATINGS

Chart 16-4 California LEV II 120,000-Mile Tailpipe Emissions Limits NOTE: Numbers in parentheses are 100,000-mile standards for LEV II, and 120,000-mile standards for LEV II, NMOG means non-methane organic gases, which includes alcohol. CO means carbon monoxide. NOX means oxides of nitrogen. The specification is in grams per mile (g/mi), Data compiled from California Environmental Protection Agency—Air Resources Board (CARB) documents. CERTIFICATION LEVEL NMOG (g/ml) NO_x (g/ml) CO (g/ml) LEV II 0.090 4.2 0.07 ULEV II 0.055 0.07 2.1 SULEV II 0.010 0.02 1.0 CHART 16-4 ALWAYS LEARNING Automotive Technology, Fifth Edition James Halderman PEARSON

16 VEHICLE IDENTIFICATION AND EMISSION RATINGS Chart 16-5 EPA Tier 2—120,000-Mile Tailpipe Emission Limits NOTE: The bin number is determined by the type and weight of the vehicle. The highest bin allowed for vehicles built after January 1, 2007; is Bin 8. Data compiled from the Environmental Protection Agency (EPA). | CERTIFICATION LEVEL | NMOG (g/ml) | CO (g/ml) | NO_x (g/ml) | Bin 1 | 0.0 | 0.0 | 0.0 | Bin 1
Bin 2
Bin 3
Bin 4
Bin 5
Bin 6
Bin 7
Bin 8a
Bin 8b
Bin 9a
Bin 9c
Bin 10a
Bin 10b
Bin 10c
Bin 11 0.010 2.1 0.02 0.03 0.04 0.07 0.055 0.070 0.090 0.090 0.090 0.125 0.156 0.090 0.130 2.1 4.2 4.2 4.2 0.10 4.2 4.2 4.2 0.20 0.20 0.30 0.30 0.60 4.2 4.2 4.2 0.180 0.156 0.230 0.60 6.4 0.230 6.4 7.3 CHART 16-5 ALWAYS LEARNING Automotive Technology, Fifth Edition PEARSON





