

TABLE III
Emission Standards, Gross Polluter Standards, Dilution Thresholds
and Maximum Idle RPM Limits for BAR-90 Two-Speed Idle Test
(Effective with 1996 ET Software Update)

E S C	MODEL YEAR GROUP	VEHICLE TYPE (by GVWR)					PASS/FAIL STANDARDS				GROSS POLLUTER STANDARDS				MIN CO+CO ₂	MAX IDLE RPM
		PASS- ENGER	TRUCK (includes motorhome, minivan, sport utility)													
		<6,001	<6,001	6,001 to 8,500	8,501 to 14,000	>14,001	IDLE HC	IDLE CO	2500 HC	2500 CO	IDLE HC	IDLE CO	2500 HC	2500 CO		
1	1966-1967	X	X				700	5.5	600	4.5	950	8.0	850	7.0	8.0	1100
2	1968-1970	X	X				650	5.5	600	4.5	900	8.0	850	7.0	8.0	1100
3	1971-1974	X	X				550	5.0	400	4.0	800	7.5	650	6.5	8.0	1100
4	1975-1980	X					220	2.0	180	1.7	470	4.5	430	4.2	8.0	1100
5	1981-1983	X					120	1.5	150	1.5	270	3.0	300	3.0	8.0	1100
6	1984-1986	X					120	1.0	150	1.2	270	2.5	300	2.7	7.0	1100
7	1987-1992	X					120	1.0	140	1.0	270	2.5	290	2.5	7.0	1100
8	1993+	X					100	1.0	130	1.0	250	2.5	280	2.5	8.0	1100
9	1975-1978		X				250	2.5	200	3.0	500	5.0	450	5.5	7.0	1100
10	1979-1983		X	X			250	2.0	200	2.0	400	3.5	350	3.5	8.0	1100
11	1984-1987		X	X			150	1.2	180	1.2	300	2.7	330	2.7	7.0	1100
12	1988-1992		X	X			120	1.0	180	1.0	270	2.5	330	2.5	8.0	1100
13	1993+		X				100	1.0	170	1.0	250	2.5	320	2.5	7.0	1100
14	1993+			X			100	1.0	180	1.1	250	2.5	330	2.6	7.0	1200
15	1966-1969			X	X	X	700	5.5	750	5.0	950	8.0	1000	7.5	7.0	1200
16	1970-1973			X	X	X	550	5.0	600	4.5	800	7.5	850	7.0	8.0	1200
17	1974-1978			X	X	X	300	3.0	350	3.5	550	5.5	600	6.0	7.0	1200
18	1979-1983				X	X	250	2.2	250	3.0	400	3.7	400	4.5	7.0	1200
19	1984-1986				X	X	250	1.5	200	1.6	400	3.0	350	3.1	7.0	1200
20	1987-1990				X		220	1.5	200	1.6	370	3.0	350	3.1	7.0	1100
21	1991+				X		150	1.2	150	1.5	300	2.7	300	3.0	7.0	1100
22	1987-1990					X	250	2.5	200	1.6	400	4.0	350	3.1	7.0	1100
23	1991+					X	150	1.5	150	1.5	300	3.0	300	3.0	7.0	1100

Legend:

ESC -- Emissions Standards Category

GVWR -- Manufacturer's Gross Vehicle Weight Rating

MIN. CO + CO₂ -- Minimum CO + CO₂ dilution threshold

MAX. IDLE RPM -- Maximum Idle RPM limits

PASS/FAIL STANDARDS --

Emission standards used to determine if a vehicle passes the emissions portion of the inspection. A vehicle passes if the emission levels are equal to or less than the hydrocarbon or carbon monoxide standard for the idle or 2500 RPM inspection.

GROSS POLLUTER STANDARDS --

Emissions standards used to designate a vehicle as a gross polluter. A vehicle is designated as a gross polluter if the emissions levels at the time of the initial inspection, are greater than the gross polluter standards for hydrocarbon or carbon monoxide for the idle or 2500 RPM inspection.

NOTE:

If test data on emission pass/fail rates or gross polluter identification rates indicate adjustments are required, the emission standards may be increased or decreased by the bureau by 30% or by the following tolerances, or standards may be set for any specific vehicle and engine configuration which the bureau determines has excessive errors of commission or omission, whichever is necessary to comply with section 44001.5 of the Health and Safety Code.

HC = 150 ppm, CO = 1.50%, NO = 350 ppm, CO+CO₂ = 5%, Maximum Idle RPM = 500 rpm