Vehicle Emissions Standards

US EPA Federal Tier 2 (Bins) & California LEV II

Standard	Vehicles	Emission Limits at Full Useful Life (100,000-120,000 miles)				
		Maximum Allowed Grams per Mile				
		Nitrous Oxide	Non-Methane Organic Gas	Carbon Monoxide	Particulate Matter	Formaldehyde
Bin 1	LDV, LLDT, HLDT, MDPV	0.00	0.000	0.0	0.0	0.0
ZEV	LDV, LDET	0.00	0.000	0.0	0.0	0.0
PZEV	LDV, LDT	0.02	0.010	1.0	0.01	0.004
SULEV II	LDV, LDT	0.02	0.010	1.0	0.01	0.004
Bin 2	LDV, LLDT, HLDT, MDPV	0.02	0.010	2.1	0.01	0.004
Bin 3	LDV, LLDT, HLDT, MDPV	0.03	0.055	2.1	0.01	0.011
ULEV II	LDV, LDT	0.07	0.055	2.1	0.01	0.011
Bin 4	LDV, LLDT, HLDT, MDPV	0.04	0.070	2.1	0.01	0.011
Bin 5	LDV, LLDT, HLDT, MDPV	0.07	0.090	4.2	0.01	0.018
LEV II	LDV, LDT	0.07	0.090	4.2	0.01	0.018
Bin 6	LDV, LLDT, HLDT, MDPV	0.10	0.090	4.2	0.01	0.018
LEV II option 1	LDV, LDT	0.10	0.090	4.2	0.01	0.018
SULEV II	MDV4	0.10	0.100	3.2	0.06	0.008
Bin 7	LDV, LLDT, HLDT, MDPV	0.15	0.090	4.2	0.02	0.018
SULEV II	MDV5	0.20	0.117	3.7	0.06	
Bin 8a	LDV, LLDT, HLDT, MDPV	0.20	0.125	4.2	0.02	0.018
ULEV II	MDV4	0.20	0.143	6.4	0.06	0.016
Bin 8b	HLDT, MDPV	0.20	0.156	4.2	0.02	0.018
LEV II	MDV4	0.20	0.195	6.4	0.12	0.032
Bin 9a	LDV, LLDT	0.30	0.090	4.2	0.06	0.018
Bin 9b	LDT2	0.30	0.130	4.2	0.06	0.018
Bin 9c	HLDT, MDPV	0.30	0.180	4.2	0.06	0.018
ULEV II	MDV5	0.40	0.167	7.3	0.06	
Bin 10a	LDV, LLDT	0.60	0.156	4.2	0.08	0.018
LEV II	MDV5	0.40	0.230	7.3	0.12	
Bin 11	MDPV	0.90	0.280	7.3	0.12	0.032

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