

Table 3H-1. Ambient Air Quality Standards Applicable in California

Pollutant	Symbol	Averaging Time	Standard, as parts per million		Standard, as micrograms per cubic meter		Violation Criteria	
			California	National	California	National	California	National
Ozone	O ₃	1 hour	0.09	0.12	180	235	If exceeded	If exceeded on more than 3 days in 3 years
Carbon monoxide	CO	8 hours	9.0	9	10,000	10,000	If exceeded	If exceeded on more than 1 day per year
(Lake Tahoe only)		1 hour	20	35	23,000	40,000		
		8 hours	6	--	7,000	--		
Nitrogen dioxide	NO ₂	Annual average	--	0.053	--	100		If exceeded
		1 hour	0.25	--	470	--	If exceeded	
Sulfur dioxide	SO ₂	Annual average	--	0.03	--	80		If exceeded
		24 hours	0.04	0.14	105	365	If exceeded	If exceeded on more than 1 day per year
		1 hour	0.25	--	655	--		
Hydrogen sulfide	H ₂ S	1 hour	0.03	--	42	--	If equaled or exceeded	
Vinyl chloride	C ₂ H ₃ Cl	24 hours	0.010	--	26	--	If equaled or exceeded	
Inhalable particulate matter	PM10	Annual geometric mean	--	--	30	--	If exceeded	
		Annual arithmetic mean	--	--	--	50		If exceeded
		24 hours	--	--	50	150		If exceeded on more than 1 day per year
Sulfate particles	SO ₄	24 hours	--	--	25	--	If equaled or exceeded	
Lead particles	Pb	Calendar quarter	--	--	--	1.5		If exceeded on more than 1 day per year
		30 days	--	--	1.5	--	If equaled or exceeded	

Notes: All standards are based on measurements at 25° C and 1 atmosphere pressure.
National standards shown are the primary (health effects) standards.