

This table lists the minimum standards of quality for ambient air.

POLLUTANT	AVERAGING TIME	NEVADA STANDARDS ^A		NATIONAL STANDARDS ^B		
		CONCENTRATION ^C	METHOD ^D	PRIMARY ^{C, E}	SECONDARY ^{C, F}	METHOD ^D
Ozone	1 hour	0.12 ppm (235 µg/m ³)	Ultraviolet absorption	1 hour = 0.12 ppm (235 µg/m ³)	Same as primary	Chemiluminescence
Ozone-Lake Tahoe Basin, #90	1 hour	0.10 ppm (195 µg/m ³)		8 hours = 0.08 ppm		
Carbon monoxide less than 5,000' above mean sea level	8 hours	9 ppm (10,500 µg/m ³)	Nondispersive infrared photometry	9 ppm (10 mg/m ³)	None	Nondispersive infrared photometry
At or greater than 5,000' above mean sea level		6 ppm (7,000 µg/m ³)				
Carbon monoxide at any elevation	1 hour	35 ppm (40,500 µg/m ³)				
Nitrogen dioxide	Annual arithmetic mean	0.053 ppm (100 µg/m ³)	Gas phase chemiluminescence	0.053 ppm (100 µg/m ³)	Same as primary	Gas phase chemiluminescence
Sulfur dioxide	Annual arithmetic mean	0.030 ppm (80 µg/m ³)	Ultraviolet fluorescence	0.030 ppm	None	Spectrophotometry (Pararosaniline method)
	24 hours	0.14 ppm (365 µg/m ³)		0.14 ppm		
	3 hours	0.5 ppm (1,300 µg/m ³)		None	0.5 ppm	
Particulate matter as PM ₁₀	Annual arithmetic mean	50 µg/m ³	High volume PM ₁₀ sampling	50 µg/m ³	Same as primary	High volume PM ₁₀ sampling
	24 hours	150 µg/m ³		150 µg/m ³		
Particulate matter as PM _{2.5}	Annual arithmetic mean	--	--	15.0 µg/m ³	Same as primary	Low volume PM _{2.5} sampling
	24 hours	--	--	65 µg/m ³		
Lead (Pb)	Quarterly arithmetic mean	1.5 µg/m ³	High volume sampling, acid extraction and atomic absorption spectrometry	1.5 µg/m ³	Same as primary	High volume sampling, acid extraction and atomic absorption spectrometry
Hydrogen sulfide	1 hour	0.08 ppm (112 µg/m ³) ^G	Ultraviolet fluorescence	--	--	--

Notes:

- A. The Director shall use the Nevada standards in considering whether to issue a permit for a stationary source and shall ensure that the stationary source will not cause the Nevada standards to be exceeded in areas where the general public has access.
- B. These standards, other than for ozone, particulate matter, and those based on annual averages, must not be exceeded more than once per year. The 1-hour ozone standard is attained when the expected number of days per calendar year with a maximum hourly average concentration above the standard is equal to or less than one. The PM₁₀ 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above the standard, rounded to the nearest 10 µg/m³, is equal to or less than one. The expected number of days per calendar year is generally based on an average of the number of times the standard has been exceeded per year for the last 3 years. The National standards are to be used in determinations of attainment or nonattainment.
- C. Where applicable, concentration is expressed first in units in which it was adopted. All measurements of air quality that are expressed as mass per unit volume, such as micrograms per cubic meter, must be corrected to a reference temperature of 25°C and a reference pressure of 760 mm of Hg (1,013.2 millibars); "ppm" in this table refers to parts per million by volume, or micromoles of regulated air pollutant per mole of gas; "µg/m³" refers to micrograms per cubic meter.
- D. Any reference method specified in accordance with 40 C.F.R. Part 50 or any reference method or equivalent method designated in accordance with 40 C.F.R. Part 53 may be substituted.
- E. National primary standards are the levels of air quality necessary, with an adequate margin of safety, to protect the public health.
- F. National secondary standards are the levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a regulated air pollutant.
- G. The ambient air quality standard for hydrogen sulfide does not include naturally occurring background concentrations.

The standards of quality for ambient air are minimum goals, and it is the intent of the NDEP to protect the existing quality of Nevada's air to the extent that it is economically and technically feasible.