

**7009.0080 STATE AMBIENT AIR QUALITY STANDARDS.**

The following table contains the state ambient air quality standards.

Pollutant/Air Contaminant	Primary Standard	Secondary Standard	Remarks
Hydrogen Sulfide	0.05 ppm by volume (70.0 micrograms per cubic meter)		1/2 hour average not to be exceeded over 2 times per year
	0.03 ppm by volume (42.0 micrograms per cubic meter)		1/2 hour average not to be exceeded over 2 times in any 5 consecutive days
Ozone	0.08 ppm by volume (235 micrograms per cubic meter)	same as primary standard	daily maximum 8 hour average; the standard is attained when the average of the annual fourth-highest daily maximum 8-hour average ozone concentration is less than or equal to the standard
Carbon Monoxide	9 ppm by volume (10 milligrams per cubic meter)	same as primary standard	maximum 8 hour concentration not to be exceeded more than once per year
	30 ppm by volume (35 milligrams per cubic meter)	same as primary standard	maximum 1 hour concentration not to be exceeded more than once per year
Sulfur Dioxide	80 micrograms per cubic meter (0.03 ppm by volume)	60 micrograms per cubic meter (0.02 ppm by volume)	maximum annual arithmetic mean
	365 micrograms per cubic meter (0.14 ppm by volume)	same as primary standard	maximum 24 hour concentration not to be exceeded more than once per year

	915 micrograms per cubic meter (0.35 ppm by volume)		maximum 3 hour concentration not to be exceeded more than once per year in Air Quality Control Regions 127, 129, 130, and 132
	1300 micrograms per cubic meter (0.5 ppm by volume)		maximum 3 hour concentration not to be exceeded more than once per year in Air Quality Control Regions 128, 131, and 133
	1300 micrograms per cubic meter (0.5 ppm by volume)		maximum 3 hour concentration not to be exceeded more than once per year
	1300 micrograms per cubic meter (0.5 ppm by volume)		maximum 1 hour concentration not to be exceeded more than once per year
Particulate Matter	75 micrograms per cubic meter	60 micrograms per cubic meter	maximum annual geometric mean
	260 micrograms per cubic meter	150 micrograms per cubic meter	maximum 24 hour concentration not to be exceeded more than once per year
Nitrogen Dioxide	0.05 ppm by volume (100 micrograms per cubic meter)	same as primary standard	maximum annual arithmetic mean
Lead	1.5 micrograms per cubic meter	same as primary standard	maximum arithmetic mean averaged over a calendar quarter

PM-10	150 micrograms per cubic meter	same as primary standard	maximum 24-hour average concentration; the standard is attained when the expected number of days per calendar year exceeding the value of the standard is equal to or less than one
	50 micrograms per cubic meter	same as primary standard	annual arithmetic mean; the standard is attained when the expected annual arithmetic mean concentration is less than or equal to the value of the standard
PM-2.5	65 micrograms per cubic meter	same as primary standard	24-hour average concentration; the standard is attained when the 98th percentile 24-hour concentration is less than or equal to the standard
	15.0 micrograms per cubic meter	same as primary standard	annual arithmetic mean; the standard is attained when the annual arithmetic mean concentration is less than or equal to the standard

**Statutory Authority:** *MS s 116.07*

**History:** *18 SR 614; 19 SR 550; 22 SR 1237; 23 SR 2224*

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