

National and State Ambient Air Quality Standards

Pollutant	Averaging Time ¹	Primary Standards ²	Secondary Standards ³
Sulfur Oxides (SO _x) Measured as Sulfur Dioxide (SO ₂)	Annual (Arithmetic Mean) 24 - Hours 3 - Hours	80 ug/m ³ (0.03 ppm) 365 ug/m ³ (0.14 ppm) -----	4 4 1,300 ug/m ³ (0.5 ppm)
Particulate Matter (TSP)	Annual (Geometric Mean) 24 - Hour	75 ug/m ³ 260 ug/m ³	60 ug/m ³ 150 ug/m ³
Carbon Monoxide	8 - Hours 1 - Hour	10 ug/m ³ (9 ppm) 40 ug/m ³ (35 ppm)	Same as Primary Same as Primary
Ozone (O ₃) ⁶	1 - Hour ⁷	235 ug/m ³ (0.12 ppm)	Same as Primary
Hydrocarbons (HC) ⁵	-----	-----	----
Nitrogen Dioxide (NO ₂)	Annual (Arithmetic Mean)	100 ug/m ³ (0.05 ppm)	Same as Primary
Lead (Pb) ⁸	Quarterly (Arithmetic Mean)	1.5 ug/m ³	Same as Primary

1. Standards based on other than annual arithmetic mean or annual geometric mean are not to be exceeded more than once per year.
2. Primary Standards - Set to protect human health.
3. Secondary Standards - Set to protect public welfare.
4. Revoked September 14, 1973.
5. Revoked January 5, 1983.
6. Revised February 8, 1979.
7. The Standard is attained when the expected number of days per calendar year will maximum hourly average concentrations above 235 ug/m³ is equal to or less than 1.
8. Included October 5, 1978.

Source: Volume 40, Part 50 of the Code of Federal Regulations (Volume 36 of the Federal Register, November 25, 1971, Latest Revision Volume 50 of the Federal Register, September 13, 1985)