

Update: June 30, 1999

SUMMARY OF NATIONAL AMBIENT AIR QUALITY STANDARDS

| POLLUTANT | PRIMARY STANDARDS (Health Related) | AVERAGING TIME | SECONDARY STANDARDS (Welfare Related) |
|--|--|---|---|
| Carbon Monoxide 40CFR50.8 [50FR37501, September 13, 1985] | 9 ppm (10 mg/m ³) 35 ppm (40 mg/m ³) | 8-hour ^a 1-hour ^a | None |
| Lead 40CFR50.12 [43FR46258, October 5, 1978] | 1.5 µg/m ³ | Quarterly average | Same as primary |
| Nitrogen Dioxide 40CFR50.11 [50FR25544, June 19, 1985] | 0.053 ppm (100 µg/m ³) | Annual(arithmetic mean) | Same as primary |
| Particulate Matter (PM ₁₀) 40CFR50.6 [52FR24663, July 1, 1987] [59FR17375, April 12, 1994] | 50 µg/m ³ 150 µg/m ³ | Annual(arithmetic mean) ^b 24-hr ^g | Same as primary |
| Particulate Matter (PM _{2.5}) 40CFR50.7 [62FR54, July 18, 1997] | 15 µg/m ³ 65 µg/m ³ | Annual(arithmetic mean) ^f 24-hr ^h | Same as primary |
| Ozone 40CFR50.9 [44FR8220, February 8, 1979] [58FR13008, March 9, 1993] | 0.12 ppm (235 µg/m ³) | 1-hour ^d | Same as primary |
| Ozone 40CFR50.10 [62FR 36, July 18, 1997] | 0.08 ppm (157 µg/m ³) | 8-hour ^e | Same as primary |
| *Sulfur Oxides (SO ₂) 40CFR50.4 (primary) 40CFR50.5 (secondary) [38FR25681, September 14, 1973] [53FR14926, April 26, 1988] [58FR21351, April 21, 1993] [59FR58959, November 15, 1994] | (80 µg/m ³) 0.03 ppm (365 µg/m ³) 0.14 ppm | Annual (arithmetic mean) 24-hour ^a 3-hour ^a | --- --- (1300 µg/m ³) 0.5 ppm |

^a Not to be exceeded more than once per year.

^b The standard is attained when the expected annual arithmetic mean concentration is less than or equal to $\mu\text{g}/\text{m}^3$, as determined in accordance with Appendix K.

50

^c The standard is attained when the expected number of days per calendar year with a 24-hour average concentration above $150 \mu\text{g}/\text{m}^3$ is equal to or less than 1, as determined in accordance with Appendix K.

^d The standard is attained when the expected number of days per calendar year with maximum hourly average concentrations above 0.12 ppm is equal to or less than 1, as determined in accordance with Appendix H.

^e 3-year average of annual 4th highest concentration.

^f Spatially averaged over designated monitors.

^g The pre-existing form is exceedance-based. The revised form is the 99th percentile.

^h The form is the 98th percentile.

* Currently under review.

NOTE: All NAAQS except lead were originally promulgated 36 FR 8186, April 30, 1971.

March 9, 1995

Source: 40CFR Part 50.