

# NATIONAL AMBIENT AIR QUALITY STANDARDS

Pollutant	Primary Stds.	Averaging Times	Secondary Stds.
Carbon Monoxide	9 ppm (10 mg/m <sup>3</sup> )	8-hour <sup>1</sup>	None
	35 ppm (40 mg/m <sup>3</sup> )	1-hour <sup>1</sup>	None
Lead	1.5 µg/m <sup>3</sup>	Quarterly Average	Same as Primary
Nitrogen Dioxide	0.053 ppm (100 µg/m <sup>3</sup> )	Annual (Arithmetic Mean)	Same as Primary
Particulate Matter (PM <sub>10</sub> )	50 µg/m <sup>3</sup>	Annual <sup>2</sup> (Arith. Mean)	Same as Primary
	150 µg/m <sup>3</sup>	24-hour <sup>1</sup>	
Particulate Matter (PM <sub>2.5</sub> )	15 µg/m <sup>3</sup>	Annual <sup>3</sup> (Arith. Mean)	Same as Primary
	65 µg/m <sup>3</sup>	24-hour <sup>4</sup>	
Ozone	0.08 ppm	8-hour <sup>5</sup>	Same as Primary
	0.12 ppm	1-hour <sup>6</sup>	Same as Primary
Sulfur Oxides	0.03 ppm	Annual (Arith. Mean)	-----
	0.14 ppm	24-hour <sup>1</sup>	-----
	-----	3-hour <sup>1</sup>	0.5 ppm (1300 ug/m <sup>3</sup> )

<sup>1</sup> Not to be exceeded more than once per year.

<sup>2</sup> To attain this standard, the expected annual arithmetic mean PM<sub>10</sub> concentration at each monitor within an area must not exceed 50 ug/m<sup>3</sup>.

<sup>3</sup> To attain this standard, the 3-year average of the annual arithmetic mean PM<sub>2.5</sub> concentrations from single or multiple community-oriented monitors must not exceed 15 ug/m<sup>3</sup>.

<sup>4</sup> To attain this standard, the 3-year average of the 98th percentile of 24-hour concentrations at each population-oriented monitor within an area must not exceed 65 ug/m.

<sup>5</sup> To attain this standard, the 3-year average of the fourth-highest daily maximum 8-hour average ozone concentrations measured at each monitor within an area over each year must not exceed 0.08 ppm.

<sup>6</sup> (a) The standard is attained when the expected number of days per calendar year with maximum hourly average concentrations above 0.12 ppm is ≤ 1, as determined by appendix H. (b) The 1-hour standard is applicable to all areas notwithstanding the promulgation of 8-hour ozone standards under Sec. 50.10. On June 2, 2003, (68 FR 32802) EPA proposed several options for when the 1-hour standard would no longer apply to an area.