

Table 4.9

## National Ambient Air Quality Standards

Pollutant	Time Weighted Average	Concentration In Ambient Air		
		Industrial Area	Residential, Rural & Other Area	Sensitive Area
Sulphur Dioxide (SO <sub>2</sub> )	Annual Average *	80 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>	15 µg/m <sup>3</sup>
	24 hours **	120 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>	30 µg/m <sup>3</sup>
Oxides Of Nitrogen (NO <sub>x</sub> )	Annual Average *	80 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>	15 µg/m <sup>3</sup>
	24 hours **	120 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>	30 µg/m <sup>3</sup>
Suspended Particulate Matter (SPM)	Annual Average *	360 µg/m <sup>3</sup>	140 µg/m <sup>3</sup>	70 µg/m <sup>3</sup>
	24 hours **	500 µg/m <sup>3</sup>	200 µg/m <sup>3</sup>	100 µg/m <sup>3</sup>
Respirable Particulate Matter (<10 µm) (RPM)	Annual Average *	120 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>	50 µg/m <sup>3</sup>
	24 hours **	150 µg/m <sup>3</sup>	100 µg/m <sup>3</sup>	75 µg/m <sup>3</sup>
Lead (Pb)	Annual Average *	1.0 µg/m <sup>3</sup>	0.75 µg/m <sup>3</sup>	0.50 µg/m <sup>3</sup>
	24 hours **	1.5 µg/m <sup>3</sup>	1.0 µg/m <sup>3</sup>	0.75 µg/m <sup>3</sup>
Carbon Monoxide (CO)	8 hours **	5.0 mg/m <sup>3</sup>	2.0 mg/m <sup>3</sup>	1.0 mg/m <sup>3</sup>
	1 hour	10.0 mg/m <sup>3</sup>	4.0 mg/m <sup>3</sup>	2.0 mg/m <sup>3</sup>

**Note:**

\* Annual arithmetic mean of minimum 104 measurements in a year taken twice a week 24 hourly at uniform interval.

\*\* 24 hourly /8 hourly values should be met 98% of the time in a year. However 2% of the time, it may exceed but not on two consecutive days.

**Source:** Pollution Control Acts, Rules and Notifications Issued Thereunder, Central Pollution Control Board, Delhi, May 1998.