Table 4: National Ambient Air Quality Standards

Pollutants	Time-weighted average	Concentration of Ambient Air			Method of Measurement
		Industrial Area	Residential Rural & Other Areas	Sensitive Area	
Sulphur Dioxide (SO_2)	Annual Average*	15 $\mu g/m^3$	80 $\mu g/m^3$	60 $\mu g/m^3$	Improved West & Greak Method
	24 Hours**	30 $\mu g/m^3$	120 $\mu g/m^3$	80 $\mu g/m^3$	Ultra Violet Fluorescence
Oxides of Nitrogen as NO_2	Annual Average*	15 $\mu g/m^3$	80 $\mu g/m^3$	60 $\mu g/m^3$	Jacob & Hochheiser modified (Na Arsenite) method
	24 Hours**	30 $\mu g/m^3$	120 $\mu g/m^3$	80 $\mu g/m^3$	Gas Phase Chemiluminescence
Suspended Particulate Matter (SPM)	Annual Average*	70 $\mu g/m^3$	360 $\mu g/m^3$	140 $\mu g/m^3$	High Volume Sampling, (avg. flow rate not less than 1.1 m^3 / min.)
	24 Hours**	100 $\mu g/m^3$	500 $\mu g/m^3$	200 $\mu g/m^3$	
Respirable Particulate Matter (SPM) (size less than 10 μm)	Annual Average*	50 $\mu g/m^3$	120 $\mu g/m^3$	60 $\mu g/m^3$	Respirable Particulate matter sampler
	24 Hours**	75 $\mu g/m^3$	150 $\mu g/m^3$	100 $\mu g/m^3$	
Lead (Pb)	Annual Average*	0.50 $\mu g/m^3$	1.0 $\mu g/m^3$	0.75 $\mu g/m^3$	Ass method using EPM 2000 or equivalent filter paper
	24 Hours**	0.75 $\mu g/m^3$	1.5 $\mu g/m^3$	1.00 $\mu g/m^3$	
Carbon Monoxide (CO)	8 Hours**	1.0 $\mu g/m^3$	1.5 $\mu g/m^3$	2.0 $\mu g/m^3$	Non Dispersive Infra-red Spectroscopy
	1 Hour	2.0 $\mu g/m^3$	10.0 $\mu g/m^3$	4.0 $\mu g/m^3$	

* - Annual Arithmetic Mean of minimum 104 measurement 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.

Note :- 1. National Ambient Air Quality Standard: The levels of air quality with an adequate margin of safety, to protect the public health, vegetation and property.

2. Whenever and wherever two consecutive values exceeds the limit specified above for the respective category, it would be considered adequate reason to institute regular/continuous monitoring and further investigations.