



Indian National Ambient Air Quality Standards

#	Pollutant	Time Weighted Average	Concentration in ambient air	
			Industrial Area Residential, Rural & other areas	Ecologically sensitive area (Notified by Central Govt)
1	Sulphur Dioxide (SO ₂)	Annual Avg*	50.0 µg/m ³	20.0 µg/m ³
		24 hours**	80.0 µg/m ³	80.0 µg/m ³
2	Oxides of Nitrogen as NO ₂	Annual Avg*	40.0 µg/m ³	30.0 µg/m ³
		24 hours**	80.0 µg/m ³	80.0 µg/m ³
3	Particulate matter (size less than 10µm)	Annual Avg*	60.0 µg/m ³	60.0 µg/m ³
		24 hours**	100.0 µg/m ³	100.0 µg/m ³
4	Particulate matter (size less than 2.5 µm)	Annual Avg*	40.0 µg/m ³	40.0 µg/m ³
		24 hours**	60.0 µg/m ³	60.0 µg/m ³
5	Lead (Pb)	Annual Avg*	0.50 µg/m ³	0.50 µg/m ³
		24 hours**	1.0 µg/m ³	1.0 µg/m ³
6	Carbon Monoxide (CO)	8 hours**	2.0 mg/m ³	2.0 mg/m ³
		1 hour	4.0 mg/m ³	4.0 mg/m ³

*) The Ministry of Environment and Forest (MoEF), Govt of India, vide gazette notification, G.S.R826 (E), dated 16.11.2009





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7	Ozone	8 hours**	100.0 µg/m ³	100.0 µg/m ³
		1 hour	180.0 µg/m ³	180.0 µg/m ³
		24 hours**	60.0 µg/m ³	60.0 µg/m ³
8	Ammonia (NH ₃)	Annual Avg*	100.0 µg/m ³	100.0 µg/m ³
		24 hours**	400.0 µg/m ³	400.0 µg/m ³
9	Benzene	Annual Avg*	5.0 µg/m ³	5.0 µg/m ³
10	Benzo(a) pyrene	Annual Avg*	1.0 ng/m ³	1.0 ng/m ³
11	Arsenic	Annual Avg*	6.0 ng/m ³	6.0 ng/m ³
12	Nickel		20.0 ng/m ³	20.0 ng/m ³

*Annual Arithmetic mean of minimum 104 measurements in a year taken twice a Week 24 hourly at uniform interval

** 24 hourly / 8 hourly or 1 hourly monitored values as applicable shall be complied with 98 % of the time in a year. However, 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

*) The Ministry of Environment and Forest (MoEF), Govt of India, vide gazette notification, G.S.R826 (E), dated 16.11.2009



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