

The flue gas emission through stack attached to Boiler, Furnace, Heater, Process vessel, Reactors etc shall conform to the following standards:

<b>Sr. No.</b>	<b>Parameters</b>	<b>Concentration not to exceed (in mg/Nm<sup>3</sup>)</b>
1	Particulate Matter (PM)	150
2	Sulphur Dioxide	40
3	Oxides of Nitrogen	25
4	Total Fluoride	25
5	Mercury	0.2
6	Chlorine	15
7	Hydrochloric Acid Vapour & Mist	35
8	Sulphuric Acid Mist	50
9	Carbon Monoxide	1%
10	Lead	10

The ambient air quality within the factory premises shall not exceed the limit prescribed below:

<b>Sr. No.</b>	<b>Parameters</b>	<b>Permissible limit</b>
1	Sulphur Dioxide	120 µg/m <sup>3</sup>
2	Oxides of Nitrogen	120 µg/m <sup>3</sup>
3	Suspended Particulate Matter	500 µg/m <sup>3</sup>
4	Respirable Particulate Matter (Size: less than 10 micron)	150 µg/m <sup>3</sup>
5	Lead	1.5 µg/m <sup>3</sup>
6	Ammonia	0.4 µg/m <sup>3</sup>
7	Carbon Monoxide	10 µg/m <sup>3</sup>
8	Noise (Day Time- 6 AM to 10 PM)	75 dB (A) Leq
9	Noise (Night Time- 10 PM to 6 AM)	75 dB (A) Leq