

Sr. No.	Industry	Parameter	Standards
1	2	3	4
<sup>1</sup> [ <sup>2</sup> 27.	<b>ASBESTOS MANUFACTURING UNITS (INCLUDING ALL PROCESSES INVOLVING THE USE OF ASBESTOS)</b>	- Pure Asbestos material	0.5 fibre */cc for one year from the date of notification 0.2 fibre */cc after one year from the date of notification]
		- Total Dust	2 mg/m <sup>3</sup> (normal)
28.	<b>CALOR ALKALI (CAUSTIC SODA)</b>	<b>EMISSIONS</b>	Concentration in mg/m <sup>3</sup> (normal)
	(a) Mercury Cell	Mercury (from hydrogen gas holder stack)	0.2
	(b) All processes	Chlorine (from hypo tower)	15.0
	(c) All processes	Hydro chloric acid vapours and mist (from hydro chloric acid plant)	35.0
29.	<b>LARGE PULP AND PAPER</b>	<b>EMISSIONS</b>	Concentration in mg/m <sup>3</sup> (normal)
		Particulate matter	250 <sup>**</sup>
		H <sub>2</sub> S	10
30.	<b>INTEGRATED IRON AND STEEL PLANTS:</b>	<b>I. EMISSIONS</b>	
	(a) Coke Oven	Particulate mater	50
	(b) Refractory material plant	Particulate matter	150
		<b>II. EFFLUENTS</b>	Concentration in mg/l except for pH.
	(a) Coke oven		
	By product plant.	pH	6.0 – 8.0
		Suspended Solids	100

<sup>1</sup> Standards mentioned at Sl. No.27 amended by Rule 2(III) of the Environment (Protection) First Amendment Rules, 2006 notified vide Notification G.S.R.46(E), dated 3.2.2006.

<sup>2</sup> S.No. 27 to 31 and entries relating thereto inserted vide GSR 913(E) dt. 24.10.89 published in the Gazette No. 554 dt. 24.10.89.

<sup>\*\*</sup> This standard of 250 mg/m<sup>3</sup> (normal) shall apply only for a period of 3 years with effect from the date on which the Environment (protection) Second Amendment Rules, 1989 came into force. After three years the standard to be applicable is 15 mg/m<sup>3</sup> (normal).

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1	2	3	4
		Phenol	1.0
		Cynide	0.2
		BOD <sup>1</sup> [(3 days at 27°C)]	30
		COD	250
		Ammonical Nitrogen	50
		Oil and Grease	10
	(b)Other plants such as sintering plant, blast furnace, steel melting and rolling mill:	pH	6.0 – 9.0
		Suspended Solids	100
		Oil and Grease	10
31.	<b>RE-HEATING (REVERBERATORY) FURNACES:</b> Capacity : All sizes	<b>EMISSIONS</b>	Concentration in mg/m <sup>3</sup> (normal)
	Sensitive area	Particulate matter	150
	Other area	Particulate matter	450
<sup>2</sup> [32.	<b>FOUNDRIES</b>	<b>EMISSIONS</b>	
	(a) Cupola Capacity (Melting Rate) :		
	Less than 3 mt./hr.	Particulate Matter	450
	3 mt/hr. and above	Particulate Matter	150
	<b>Note :</b> It is essential that stack is constructed over the cupola beyond the charging door and emissions are directed through the stack which should be at least six times the diameter of cupola.		
	(b) Arc Furnaces :		
	Capacity: All sizes	Particulate Matter	150

<sup>1</sup> Substituted by Rule 2 of the Environment (Protection) Amendment Rules, 1996 notified by G.S.R. 176(E), dated 2.4.1996 may be read as BOD (3 days at 27°C) wherever BOD 5 days 20°C occurred

<sup>2</sup> S.No. 32 to 47 and entries relating thereon inserted vide GSR 742(E) dt. 30.8.90 published in the Gazette No. 365 dated 30.8.90.