

Sr. No.	Industry	Parameter	Standards
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.

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	(c) Induction Furnace		
	Capacity: All sizes	Particulate Matter	150
	<b>Note :</b> In respect of Arc Furnaces and Induction Furnaces provision has to be made for collecting the fumes before discharging the emissions through the stack.		
33.	<b>THERMAL POWER PLANTS</b>	STACK HEIGHT/LIMIT IN METERS*	
		Power generation capacity :	
		- 500 MW and above	275
		- 200 MW/210 MW and above to less than 500 MW	220
		- Less than 200 MW/210 MW	H-14(Q) <sup>0.3</sup> where Q is emission rate of SO <sub>2</sub> in *kg/hr. and *H Stack height in metres.
		Steam generation capacity:	
		- Less than 2 ton/hr.	½ times the neighbouring building height or 9 metres (whichever is more)
		- More than 2 ton/hr. to 5 ton/hr.	12
		- More than 5 ton/hr. to 10 ton/hr.	15
		- More than 10 ton./hr.	18
		- More than 15 ton/hr. to 20 ton/hr.	*21
		- More than 20 ton/hr. to 25 ton/hr	24
		- More than 25 ton/hr. to 30 ton/hr.	27
		- More than 30 ton/hr.	30 or using formula H-14(Q) <sup>0.3</sup> (whichever is more) Q is emission rate of SO <sub>2</sub> in kg/hr and *H-Stack height in meters.

\* Correction have been made as per Corrigendum Notification no. S.O. 8(E) dt. 31.12.1990.