

Sr. No.	Industry	Parameter	Standards
1	2	3	4
<sup>1</sup> 48.	<b>GLASS INDUSTRY</b>	<b>EMISSIONS</b>	
	<b>A. Sodalime &amp; Borosilicate and other special Glass (other than Lead)</b>		
	(a)Furnace : Capacity		
	(i) Upto a product draw capacity of 60 MT/Day	Particulate Matter	2.0 kg/hr.
	(ii) Product draw capacity more than 6 MT/Day	Particulate Matter	0.8 kg/MT of product drawn
	(iii) For all capacities	Stack height	$H=14(Q)^{0.3}$ where Q is the emission rate of SO <sub>2</sub> in Kg/hr. & H is Stack height in meters.
		Total Fluorides	5.0 mg/NM <sup>3</sup>
		Nox	Use of low Nox burners in new plants
	(b) Implementation of the following measures for fugitive emission control from other sections :		
	(i) Raw materials should be transported in leak proof containers.		
	(ii) Cullet preparation should be dustfree using water spraying.		
	(iii) Batch preparation section should be covered.		
	<b>B. Lead Glass</b>		
	(a) Furnaces :		
	All capacities	Particulate Matter	50 mg/NM <sup>3</sup>
		Lead	20 mg/NM <sup>3</sup>
	(b) Implementation of the following measures for fugitive emission control from other sections:		
	(i) Batch mixing, proportioning section and transfer points should be covered and it should be connected to control equipments to meet the following standards :		
		Particulate matter	50 mg/NM <sup>3</sup>
		Lead	20 mg/NM <sup>3</sup>
	(ii)Minimum Stack height should be 30 metres in lead glass units.		
	(c) Pot furnace at Firozabad Furnace :	Particulate matter	1200 mg/NM <sup>3</sup>

**Note :** Depending upon local environmental conditions, State/Central Pollution Control Board can prescribe more stringent standards than those prescribed above.

<sup>1</sup> S.No. 48 to 55 and entries relating thereto inserted vide GSR 93(E) dt. 21.2.91 published in the Gazette No. 79 dated 27.2.91.

Sr. No.	Industry	Parameter	Standards
1	2	3	4
	Glass Industries (for all categories)	<b>EFFLUENTS:</b>	
		pH	6.5 – 8.5
		Total Suspended Solids	100 mg/l
		Oil & Grease	10 mg/l
49.	<b>LIME KILN</b>	Stack Height	
	Capacity :		
	Upto 5 T/day	Stack Height	A hood should be provided with a stack of 30 meter height from ground level (including kiln height).
	Above 5T/day	Stack height	$H=14(Q)^{0.3}$ where Q is emission rate of SO <sub>2</sub> in kg/hr and H=Stack Height in meters.
	More than 5T/day and up to 40 T/Day	Particulate matter	500 mg/Nm <sup>3</sup>
	Above 40T/day	Particulate matter	150 mg/Nm <sup>3</sup>
50.	<b>*SLAUGHTER HOUSE, MEAT &amp; SEA FOOD INDUSTRY</b>	<b>EFFLUENTS</b>	Concentration in mg/l
	Category		
	A.Slaughter House		
	(a) Above 70 TLWK/day	BOD <sup>1</sup> [3 days at 27°C]	100
		Suspended Solids	100
		Oil and Grease	10
	(b) 70 TLWK/day below	BOD <sup>1</sup> [3 days at 27°C]	500
	B.Meat Processing		
	(a) Frozen Meat	BOD <sup>1</sup> [3 days at 27°C]	30
		Suspended Solids	50
		Oil & Grease	10
	(b) Raw Meat from own Slaughter House.	BOD <sup>1</sup> [3 days at 27°C]	30
		Suspended Solids	50
		Oil & Grease	10
	(c) Raw Meat from other sources		Disposal via Screen and Septic Tank.
	C.Sea Food Industry	BOD <sup>1</sup> [3 days at 27°C]	30
		Suspended Solids	50
		Oil and Grease	10

\* The emission standards from Boiler House shall conform to the standards already prescribed under E(P) Act, 1986 vide notification No.G.S.R.742(E), dated 30.8.90.

<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.