

Sr. No.	Industry	Parameter	Standards
1	2	3	4
14.	<b>SMALL PULP AND PAPER INDUSTRY</b>		Concentration not be exceed mg/l (except for pH and sodium absorption ratio)
	*Discharge into inland surface water	pH	5.5 – 9.0
		Suspended Solids	100
		BOD	30
	Disposal on land	pH	5.5 – 9.0
		Suspended Solids	100
		BOD	100
		Sodium Absorption Ratio	26
		<sup>1</sup> [Absorbable Organic Halogens (AOX) in effluent discharge	3.00 kg/ton of paper produced with effect from the date of publication of this notification. 2.00 kg/ton of paper produced with effect from the 1 <sup>st</sup> day of March, 2006.

**Explanation.**- These standards shall apply to all small scale Pulp and Paper Mills having capacity below 24,000 MT per annum]

<sup>2</sup> 15.	<b>FERMENTATION INDUSTRY (DISTILLERIES, MALTRIES AND BREWERIES)</b>		Concentration in the effluents not to exceed milligramme per litre (except for pH and colour & odour)
		pH	5.5 – 9.0
		Colour & Odour	All efforts should be made to remove colour and unpleasant odour as far as practicable.
		Suspended Solids	100
		<sup>3</sup> [BOD (3 days at 27°C)]	
		<sup>4</sup> [-disposal into inland surface waters or river/ streams]	30
		- disposal on land or for irrigation]	100
		**[(2)...(7)]	

<sup>1</sup> Inserted by Rule 2 (i) of the Environment (Protection) Third Amendments Rules, 2005 notified vide Notification G.S.R.546(E), dated 30.8.2005.

<sup>2</sup> Entries relating to S.No. 15 corrected in terms of SO 12(E), dt. 8.1.90 published in the Gazette no. 10 dt. 8.1.90.

<sup>3</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>4</sup> Substituted vide Rule 3(a) of the Environment (Protection) (Amendments) Rules, 1996 notified vide G.S.R.186(E), dated 2.4.1996

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	<b>Note :</b>	<sup>1</sup> [(1)] *Wastewater generation shall not exceed 250 metre cube per tonne of paper produced. <sup>2</sup> [(2).....(7)]				
16.	<b>LEATHER TANNERIES</b>		Concentration in the effluent not to exceed milligramme per litre (except for pH and per cent sodium)			
			Inland Surface Waters	Public Sewers	Land for Irrigation	Marine Coastal areas
			(a)	(b)	(c)	(d)
	Suspended Solids		100	00	200	100
	<sup>3</sup> [BOD 3 days at 27°C]		30	350	100	100
	pH		6.0 – 9.0	6.0 – 9.0	6.0 – 9.0	6.0 – 9.0
	Chlorides (as Cl)		1000	1000	200	-
	Hexavalent Chromium (Cr+6)		0.1	0.2	0.1	1.0
	Total Chromium (as Cr)		2.0	2.0	2.0	2.0
	Sulphides (as S)		2.0	5.0	-	5.0
	Sodium percent		-	60	60	-
	Boron (as B)		2.0	2.0	2.0	-
	Oil & Grease		10	20	10	20

<sup>1</sup> Renumbered as (1) by Notification No.S.O.12(E), dated 8.1.1990

<sup>2</sup> Notes 2 to 7 inserted by Notification S.O.12(E), dated 8.1.1990 and omitted by G.S.R.176(E), dated 2.4.1996 w.e.f. 3.4.1996

<sup>3</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.