

Sr. No.	Industry	Parameter	Standards
1	2	3	4
	<b>Note :</b>	1. Water Consumption for the Jute processing industry will be 1.5 Cum/Ton of product from January, 1992.	
		2. At the present no limit for colour is given for liquid effluent. However, as far as possible colour should be removed.	
		* Stack emissions from boiler house shall conform to the standards already prescribed under Environment (Protection) Act, 1986, vide Notification No. GSR 742(E), dated 30.08.90.	
53.	<b>LARGE PULP &amp; PAPER NEWS PRINT/ RAYON GRADE PLANTS OF <sup>1</sup>[CAPACITY ABOVE 24000 MT PER ANNUM]</b>	<b>EFFLUENTS</b>	Concentration in mg/l except pH and TOCL
		pH	7.0 – 8.5
		BOD <sup>2</sup> [3 days at 27°C]	30
		COD	350
		Suspended Solids	500
		<sup>3</sup> [Absorbable Organic Halogens (AOX) in effluent discharge	1.5 kg/ton of product with effect from the date of publication of this notification.1.0 kg/ton of product with effect from the 1 <sup>st</sup> day of March,2008.]
		Flow (Total Waste Water Discharge)	
		** (i)Large Pulp & Paper	200 Cum/Ton of Paper produced
		(ii)Large Rayon Grade Newsprint	150 Cum/Ton of Paper produced.
54.	<b>SMALL PULP AND PAPER Paper Plant of Capacity upto 24000 MT/Annum :</b>	<b>EFFLUENT</b>	
	Category :		
	A. *Agrobased	Total waste water discharge	200 cum/Ton of paper produced
	B. **Waste paper based	Total waste water discharge	75 cum/Ton of paper produced

<sup>1</sup> Substituted by Rule 2(ii) (a) of the Environment (Protection) Third Amendments Rules, 2005 notified vide Notification No.G.S.R.546(E), dated 30.8.2005.

<sup>2</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>3</sup> Substituted by Rule 2(ii) (b) of the Environment (Protection) Third Amendments Rules, 2005 notified vide Notification No.G.S.R.546(E), dated 30.8.2005

\*\* The Standards with respect of total wastewater discharge for the large pulp and paper mills be established from 1992, will meet the standards of 100 cum/Ton of paper produced.

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1	2	3	4
	* The agro based mills to be established from January, 1992 will meet the standards of 150 cum/Ton of paper produced.		
	** The waste-paper mills to be established from January, 1992 will meet the standards of 50 cum/Tom of paper produced.		
55.	<b>COMMON EFFLUENT TREATMENT PLANTS:</b>	<b>EFFLUENTS</b> (Inlet effluent quality for CETP)	(Concentration in mg/l)
	A. Primary Treatment	pH	5.5 – 9.0
		Temperature °C	45
		Oil & Grease	20
		Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH)	5.0
		Ammonical Nitrogen (as N)	50
		Cynide (as CN)	2.0
		Chromium hexavalent (as Cr+6)	2.0
		Chromium (total)(as Cr)	2.0
		Copper (as Cu)	3.0
		Lead (as Pb)	1.0
		Nickel (as Ni)	3.0
		Zinc (as Zn)	15
		Arsenic (as As)	0.2
		Mercury (as Hg)	0.01
		Cadmium (as Cd)	1.0
		Selenium (as Se)	0.05
		Fluoride (as F)	15
		Boron (as B)	2.0
		Radioactive Materials	
		Alpha emitters, Hc/ml	10-7
		Beta emitters, He/ml	10-8