Standards laid by Ministry of Environment and Forests, Government of India for **Common Effluent Treatment Plants** as per, (Environment Protection Rules, 1986)

A. Primary Treatment	
Parameter for inlet effluent quality of CETP	**Standards (Concentration in mg/l)**
pH	5.5 - 9.0
Temperature °C	45
Oil & Grease	20
Phenolic Compounds (as C_6H_5OH)	5.0
Ammonical Nitrogen (as N)	50
Cynide (as N)	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
Cadmiun (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
Note: 1. These Standards apply to the small scale industries, i.e. total discharge upto 25KL/Day	
2. For each CETP and its constituent units, the State Board will prescribe standards as per the local needs and conditions; these can be more stringent than those prescribed above. However, in case of clusters of units, the State Board with the concurrence of CPCB in writing, may prescribe suitable limits.	

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Treated Effluent Quality of Common Effluent treatment Plant
[Concentration in mg/l except pH & Temperature]

Parameters	Into inland surface waters	On land for irrigation	Into Marine Coastal areas
pH	5.5-9.0	5.5-9.0	5.5-9.0
BOD [3days at 27 °C]	30	100	100
Oil & Grease	10	10	20
Temperature	Shall not exceed 40 °C in any section of the stream within 15 meters down steam from the effluent outlet	-	45 °C at the point of discharge.
Suspended Solids	100	200	(a) For process waste water-100 (b) For cooling water effluent 10 percent above total suspended matter of effluent cooling water
Dissolved Solids (inorganic)	2100	2100	-
Total residue chlorine	1.0	-	1.0
Ammonical nitrogen(As N)	50	-	50
Total Kjeldahl nitrogen(as N)	100	-	100
Chemical Oxygen Demand	250	-	250
Arsenic (as As)	0.2	0.2	0.2
Mercury (as Hg)	0.01	-	0.01
Lead (as Pb)	0.1	-	1.0
Cadmium (as Cd)	1.0	-	2.0
Total Cadmium (as Cr)	2.0	-	2.0
Copper (as Cu)	3.0	-	3.0
Zinc (as Zn)	5.0	-	15
Selenium (as Se)	0.05	-	0.05
Nickel (as Ni)	3.0	-	5.0
Boron (as B)	2.0	2.0	-
Percent Sodium	-	60	-
Cynide (as CN)	0.2	0.2	0.2
Chloride (as Cl)	1000	600	-
Fluoride (as F)	2.0	-	15
Sulphate (as SO_4)	1000	1000	-
Sulphide (as S)	2.8	-	5.0
Pesticides	Absent	Absent	Absent
Phenolic compounds (as C_6H_5OH)	1.0	-	5.0

Note: All efforts should be made to remove colour and unpleasant odour as far as possible.