

## Environmental Standards

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### Effluent

#### SMALL SCALE INDUSTRY : WASTEWATER DISCHARGE STANDARDS

Sl.No.	Parameters	Concentration not to exceed, limits in mg/l (except pH, temperature and bioassay test)
1.	Mercury (Hg)	0.01
2.	pH	5.5 - 9.0
3.	Suspended solids	250
4.	Biochemical oxygen demand (3 days at 27°C)	150
5.	Temperature	Shall not exceed 5°C above the ambient temperature of the receiving body
6.	Free available chlorine	0.5
7.	Oil & grease	10
8.	Cu (total)	3.0
9.	Iron (total)	3.0
10.	Zinc	5.0
11.	Cr (total)	3.0
12.	Phosphate (as P)	5.0
13.	Bioassay test	90% of test animals survival after 96 hrs with 1:8 dilution
14.	Sulphide (as S)	2
15.	Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH)	5
16.	Hexavalent chromium (as Cr)	0.1
17.	Nickel (as Ni)	3.0
18.	Cadmium (Cd)	2.0
19.	Chloride (as Cl)	1000
20.	Sulphate (as SO <sub>4</sub> )	1000
21.	Cyanide (as CN)	0.2
22.	Ammoniacal nitrogen (as N)	50
23.	Lead (as Pb)	0.1
24.	Total Metal	10.0

**Note:** The standards may be relaxed in cases where the wastewater from small scale industrial units are collected and treated in a Terminal Treatment Plant. These standards are laid down without prejudice to the Board varying or modifying them while issuing consents pursuant to Section 25 and 26 of the Water (Prevention and Control of Pollution) Act, 1974.

Source : CPCB Notification No. 1/2(71)/87 plg.  
dt 7th April, 1988, The Gazette of India, April 23, 1988.

