

National Technical Regulation on Industrial Wastewater

NO.: QCVN 40:2011/BTNMT

No	Parameter	Unit	Limited value	
			Column A	Column B
1	Temperature	°C	40	40
2	Colour	Co-Pt	50	150
3	pH	-	6 - 9	5,5 - 9
4	BOD ₅ (20°C)	mg/l	30	50
5	COD	mg/l	75	150
6	Suspended solid	mg/l	50	100
7	Arsenic	mg/l	0,05	0,1
8	Mercury	mg/l	0,005	0,01
9	Lead	mg/l	0,1	0,5
10	Cadimium	mg/l	0,05	0,1
11	Chromium (VI)	mg/l	0,05	0,1
12	Chromium (III)	mg/l	0,2	1
13	Cooper	mg/l	2	2
14	Zinc	mg/l	3	3
15	Nickel	mg/l	0,2	0,5
16	Manganese	mg/l	0,5	1
17	Iron	mg/l	1	5
18	Cyanide	mg/l	0,07	0,1
19	Phenol	mg/l	0,1	0,5
20	Mineral Oil and fat	mg/l	0,2	0,5
21	Sulfide	mg/l	1	2
22	fluoride	mg/l	5	10
23	Ammonia (as N)	mg/l	5	10
24	Total Nitrogen	mg/l	20	40
25	Total Phosphorous	mg/l	4	6
26	Chloride (not apply for discharging into salt water, brackish water)	mg/l	500	1000

27	Residual chlorine	mg/l	1	2
28	Pesticide: organic chlorine	mg/l	0,05	0,1
29	Pesticide: organic phosphorous	mg/l	0,3	1
30	PCBs	mg/l	0,003	0,01
31	Coliforms	MPN/100ml	3000	5000
32	Gross α activity	Bq/l	0,1	0,1
33	Gross β activity	Bq/l	1,0	1,0