

FIFTH SCHEDULE TO THE INDUSTRIAL EFFLUENT REGULATIONS, 2009

**ACCEPTABLE CONDITIONS FOR DISCHARGE OF  
INDUSTRIAL EFFLUENT OR MIX EFFLUENT OF STANDARDS A AND B**

	Parameter	Test Method	Std A (mg/l)	Std B (mg/l)
1.	Temperature	APHA 2550B	40	40
2.	pH value	APHA 4500-H B	6.0 – 9.0	5.5 – 9.0
3.	BOD, 5 days at 20 deg C	APHA 5210 B	20	50
4.	COD	APHA 5220 C	80	200
5.	Suspended Solids	APHA 2540 D	50	100
6.	Mercury	APHA 3112 B	0.005	0.05
7.	Cadmium	APHA 3120 B	0.01	0.02
8.	Chromium, Hexavalent	APHA 3500-Cr, D	0.05	0.05
9.	Arsenic	APHA 3500-As, C	0.05	0.10
10.	Cyanide	APHA 4500-CN E	0.05	0.10
11.	Lead	APHA 3120 B	0.10	0.5
12.	Chromium, Trivalent	APHA 3120 B	0.20	1.0
13.	Copper	APHA 3120 B	0.20	1.0
14.	Manganese	APHA 3120 B	0.20	1.0
15.	Nickel	APHA 3120 B	0.20	1.0
16.	Tin	APHA 3120 B	0.20	1.0

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	Parameter	Test Method	Std A (mg/l)	Std B (mg/l)
17.	Zinc	APHA 3120 B	1.0	1.0
18.	Boron	APHA 3120 B	1.0	4.0
19.	Iron	APHA 3120 B	1	5.0
20.	Phenol	APHA 5530 D	0.001	1.0
21.	Free Chlorine	APHA 4500-Cl G	1.0	2.0
22.	Sulphide	APHA 4500-S <sup>2-</sup> D	0.50	0.50
23.	Oil and Grease	APHA 5520 B	ND	10
24.	Silver	APHA 3120 B	0.1	1.0
25.	Aluminum	APHA 3120 B	10	15
26.	Selenium	APHA 3120 B	0.02	0.5
27.	Barium	APHA 3120 B	1.0	2.0
28.	Fluoride	APHA 4500-F:C	2.0	5.0
29.	Formaldehyde	OSRMA P.458	1.0	2.0
30.	Ammoniacal Nitrogen	APHA 4500-NH <sub>3</sub>	10	20.0
31.	Colour – ADMI	APHA 2120F	100	200