

## FOURTH SCHEDULE

[Subregulation 16(2)]

## METHODS OF ANALYSIS OF INDUSTRIAL EFFLUENT OR MIXED EFFLUENT

1. The 21<sup>st</sup> edition of "Standard Methods for the Examination of Water and Wastewater" published jointly by the American Public Health Association, the American Water Works Association and the Water Environment Federation of the United States of America; or
2. "Code of Federal Regulations, Title 40, Chapter 1, Subchapter D, part 136" published by the Office of the Federal Register, National Archives and Records Administration, United States of America.

## FIFTH SCHEDULE

[Paragraph 11(1)(a)]

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

Parameter (1)	Unit (2)	Standard	
		A (3)	B (4)
(i) Temperature	°C	40	40
(ii) pH Value	-	6.0-9.0	5.5-9.0
(iii) BOD <sub>5</sub> at 20°C	mg/L	20	50
(iv) Suspended Solids	mg/L	50	100
(v) Mercury	mg/L	0.005	0.05
(vi) Cadmium	mg/L	0.01	0.02
(vii) Chromium, Hexavalent	mg/L	0.05	0.05
(viii) Chromium, Trivalent	mg/L	0.20	1.0
(ix) Arsenic	mg/L	0.05	0.10
(x) Cyanide	mg/L	0.05	0.10
(xi) Lead	mg/L	0.10	0.5
(xii) Copper	mg/L	0.20	1.0
(xiii) Manganese	mg/L	0.20	1.0
(xiv) Nickel	mg/L	0.20	1.0
(xv) Tin	mg/L	0.20	1.0
(xvi) Zinc	mg/L	2.0	2.0
(xvii) Boron	mg/L	1.0	4.0
(xviii) Iron (Fe)	mg/L	1.0	5.0
(xix) Silver	mg/L	0.1	1.0
(xx) Aluminium	mg/L	10	15
(xxi) Selenium	mg/L	0.02	0.5
(xxii) Barium	mg/L	1.0	2.0
(xxiii) Fluoride	mg/L	2.0	5.0
(xxiv) Formaldehyde	mg/L	1.0	2.0
(xxv) Phenol	mg/L	0.001	1.0
(xxvi) Free Chlorine	mg/L	1.0	2.0
(xxvii) Sulphide	mg/L	0.50	0.50
(xxviii) Oil and Grease	mg/L	1.0	10
(xxix) Ammoniacal Nitrogen	mg/L	10	20
(xxx) Colour	ADMI*	100	200

\*ADMI—American Dye Manufacturers Institute