

4.4 REQUIREMENTS FOR THE PURIFICATION OF WASTE WATER OR EFFLUENT

Government Gazette 18 May 1984 No. 9225
Regulation No. 991 18 May 1984

	SPECIAL STANDARD	GENERAL STANDARD
Description	Max per mg/l	Max per mg/l
Colour, odour or taste	None	None
PH	5.5 and 7.5	5.5 and 9.5
Dissolved Oxygen	75% saturation	75% saturation
Typical (faecal) coli	0 per 100ml	0 per 100ml
Temperature	Max 25°C	Max 35°C
Chemical Oxygen Demand	30	75
Oxygen absorbed	5	10
Conductivity	15% that of intake	75% that of intake
Suspended Solids	10	25
Sodium content	50 of that of intake	90 of that of intake
Soap, oil and grease	None	2,5
Residual Chlorine (CP)	Nil	0,1
Free and saline ammonia (N)	1,0	10,0
Nitrates (N)	1,5	
Arsenic (As)	0,1	0,5
Boron (B)	0,5	1,0
Total chromium (Cr)	0,05	0,5
Copper (Cu)	0,02	1,0
Phenolic compounds (Phenol)	0,01	0,1
Lead (Pb)	0,1	0,1
Soluble ortho-phosphate (P)	1,0	1,0
Iron (Fe)	0,3	0,3
Manganese (Mn)	0,1	0,4
Cyanides (Cn)	0,5	0,5
Sulphides (S)	0,05	0,5
Fluoride (F)	1,0	1,0
Zinc (Zn)	0,3	5,0
Cadmium (Cd)	0,05	0,05
Mercury (Hg)	0,02	0,02
Selenium (Se)	0,05	0,05