

Annex E4.3.2 Quality Standard for Piped Water

Parameter	Unit	Criteria		Remarks
		Recommended Value	Maximum Allowed	
Colour	mg/l Pt	5	50	
Turbidity	NTU	5	25	
pH		6.5	9.2	
Electric Conductivity	mS/m	40	125	
Water Temp		20	26	
TSS	mg/l	0	5	
TDS	mg/l	500	1500	
Smell	mg/l	None	None	
Taste	mg/l	None	None	
Bicarbonate	mg/l	75	100	
Hardness	mg/l	> 5	10	
Calcium	mg/l	75	200	
Magnesium	mg/l	30	150	
Fe	mg/l	0.1	1	
Alluminium	mg/l	0.05	0.1	
Manganese	mg/l	0.05	0.5	
NH ₃	mg/l	0.05	0.5	
NO ₂	mg/l	0	0.1	
NO ₃	mg/l	20	40	
KMnO ₄ Demand	mg/l	5	10	
Chloride	mg/l	200	600	
Sulphate	mg/l	200	400	
DO	mg/l	5	8	
Phosphate	mg/l	0.05	0.05	
Cl ₂	mg/l	0.5	1	
Total carbon dioxide	mg/l	0.5	1	
Total coliform	N/100ml	0	10	
E coli.	N/100ml	0	0	
Fecal Coliform	N/100ml	0	0	