

Testing Schedule

Name of work: Testing of Potable water of township and factory areas of BHEL,
Bhopal as per IS 10500:2012

Sr. No.	Description of item	Testing Frequency
1.1	Total hardness	Three times a week for 62 weeks
1.2	Chloride	--do--
1.3	Presumptive Coliform Count / Total Coliform	--do--
2.1	Iron (as Fe) Content	Twice a year
2.2	TSS	--do--
2.3	TDS (mg/l)	--do--
2.4	Calcium (as Ca) Content	--do--
2.5	Magnesium (as Mg) Content	--do--
2.6	Copper (as Cu) Content	--do--
2.7	Magnese (as Mn) Content	--do--
2.8	Sulphate	--do--
2.9	Nitrate (as NO ₃ ⁻) Content	--do--
2.10	Fluoride (as F) Content	--do--
2.11	Phenolic Compounds Content	--do--
2.12	Mercury (as Hg) Content	--do--
2.13	Cadmium (as Cd) Content	--do--
2.14	Arsenic (as As) Content	--do--
2.15	Cyanide (as CN) Content	--do--
2.16	Lead (as Pb) Content	--do--
2.17	Zinc (as Zn) Content	--do--
2.18	Chromium Hexavalent (as Cr ⁺⁶)	--do--
2.19	Pesticides (Present/Absent)	--do--
2.20	Alkalinity	--do--
2.21	Fecal Coliform	--do--
2.22	Presumptive Coliform	--do--
2.23	Total Hardness	--do--
2.24	Chloride (Cl ⁻)	--do--
2.25	Ph	--do--
2.26	Colour (Hazen)	--do--
2.27	Odour	--do--
2.28	Taste	--do--
2.29	Turbidity (NTU)	--do--
2.30	Chloramines	--do--
2.31	Free Residual Chlorine (mg/l)	--do--
2.32	Total Ammonia (mg/l)	--do--
2.33	Barium	--do--
2.34	Boron (mg/l)	--do--
2.35	Mineral Oil (mg/l)	--do--
2.36	Sulphide (mg/l)	--do--
2.37	Anionic Detergents (mg/l)	--do--
2.38	Selenium (mg/l)	--do--
2.39	Aluminium (as Al) (mg/l)	--do--

2.40	Total Chromium (mg/l)	--do--
2.41	Nickel (mg/l)	--do--
2.42	Molybdenum	--do--
2.43	Polynuclear Aromatic Hydrocarbon	--do--
2.44	Polychlorinated Biphenyls	--do--
2.45	Silver (mg/l)	--do--
2.46	E.Coli	--do--
3.1	Trihalomethanes:	
	a) Bromoform (mg/l)	Once a year
	b) Dibromochloromethane (mg/l)	--do--
	c) Bromodichloromethane (mg/l)	--do--
	d) Chloroform (mg/l)	--do--
3.2	Radioactive Materials	
	a) Alpha Emitters Bq/l	--do--
	b) Beta Emitters Bq/l	--do--
4.1	Sample Collection Charges	62 visits round the year