National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PUBLIC HEALTH ENVIRONMENTAL ENGINEERING TESTING LAB, BHAGIRATHI LANE, ASHOK RAJPATH, MAHENDRU, PATNA, BIHAR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6752 **Page No** 1 of 2

Validity 01/03/2022 to 29/02/2024 **Last Amended on** 22/04/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL- WATER	Drinking water	Total coliform	IS 1622
2	BIOLOGICAL- WATER	Drinking Water	E coli	IS 1622
3	BIOLOGICAL- WATER	Drinking Water	Fecal coiform	IS 1622
4	BIOLOGICAL- WATER	Drinking Water	Standard Plate Count	IS 1622
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur dioxide SO2	IS 5182 (Part 23)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen dioxide as NO2	IS 5182(Part 6)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM10	CPCB Guidelines
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM2.5	CPCB Guidelines
9	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Monitoring	Ambient noise	IS 9989
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate matter (PM)	IS 11255 (Part 1)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur dioxide as SOx	IS 11255 (Part 2)
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biochemical oxygen demand (BOD)	IS 3025 (PART-44)
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand (COD)	IS 3025 (PART-58)
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	IS 3025 (PART- 11)
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate	IS 3025 (PART- 34)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Kjeldahl Nitrogen	IS 3025 (Part-34)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids (TSS)	IS 3025 (PART-34)
18	CHEMICAL- RESIDUES IN WATER	Drinking Water	Arsenic as As	APHA 23RD ED
19	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cadmium as Cd	APHA 23rd edition
20	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper as Cu	APHA 23RD ED

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21	CHEMICAL- RESIDUES IN WATER	Drinking Water	Fluoride as F	APHA-23rd Edition
22	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead as Pb	APHA 3111B 23RD EN
23	CHEMICAL- RESIDUES IN WATER	Drinking Water	Manganese as Mn	APHA-23RD END
24	CHEMICAL- RESIDUES IN WATER	Drinking Water	Mercury as Hg	APHA 23RD ED
25	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickel as Ni	APHA,23RD EDN
26	CHEMICAL- RESIDUES IN WATER	Drinking water	Selenium as Se	APHA 23rd edition
27	CHEMICAL- RESIDUES IN WATER	Drinking Water	Total Chromium as Cr	APHA 23RD ED
28	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc as zn	APHA-23RD EDN
29	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part-11)
30	CHEMICAL- WATER	Drinking Water	Alkalinity as CaCO3	IS 3025 (Part- 23)
31	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part-40)
32	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (Part- 32)
33	CHEMICAL- WATER	Drinking Water	Conductivity	IS 3025 (Part- 14)
34	CHEMICAL- WATER	Drinking Water	Iron as Fe	IS 3025 (Part- 53)
35	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part-46)
36	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	IS 3025 (Part-34)
37	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (Part- 24)
38	CHEMICAL- WATER	Drinking Water	Total Dissolve Solid (TDS)	IS 3025 (Part- 16)
39	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part- 21)
40	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part-10)