National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT WATER TESTING LABORATORY, RURAL DRINKING WATER AND SANITATION DEPARTMENT, ZP COMPOUND, KOLAR, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10373 **Page No** 1 of 2

Validity 03/03/2022 to 02/03/2024 **Last Amended on** -

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	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40)
2	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (Part 32)
3	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
4	CHEMICAL- WATER	Drinking Water	Fluoride as F	APHA 23rd Edition 4500-F:D
5	CHEMICAL- WATER	Drinking Water	Iron as Fe	IS 3025 (Part 53)
6	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025(Part 46)
7	CHEMICAL- WATER	Drinking Water	Nitrate as No3	APHA 23rd Edition 4500-NO3-B
8	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
9	CHEMICAL- WATER	Drinking Water	pH at 25 °C	IS 3025 (Part 11)
10	CHEMICAL- WATER	Drinking Water	Specific Conductance at 25oC	IS 3025 (Part 14)
11	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025(Part 24)
12	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCo3	IS 3025 (Part 23)
13	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025(Part 16)
14	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCo3	IS 3025 (Part 21)
15	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
16	CHEMICAL- WATER	Ground Water/ Borewell water	Calcium as Ca	IS 3025 (Part 40)
17	CHEMICAL- WATER	Ground water/ Borewell Water	Chloride as Cl	IS 3025 (Part 32)
18	CHEMICAL- WATER	Ground water/ Borewell Water	Colour	IS 3025 (Part 4)
19	CHEMICAL- WATER	Ground water/ Borewell Water	Fluoride as F	APHA 23rd Edition 4500-F:D
20	CHEMICAL- WATER	Ground water/ Borewell Water	Iron as Fe	IS 3025 (Part 53)
21	CHEMICAL- WATER	Ground water/ Borewell Water	Magnesium as Mg	IS 3025(Part 46)
22	CHEMICAL- WATER	Ground Water/ Borewell water	Nitrate as No3	APHA 23rd Edition 4500-NO3-B
23	CHEMICAL- WATER	Ground water/ Borewell Water	Odour	IS 3025 (Part 5)
24	CHEMICAL- WATER	Ground Water/ Borewell water	pH at 25°C	IS 3025 (Part 11)
25	CHEMICAL- WATER	Ground water/ Borewell Water	Specific Conductance at 25°C	IS 3025 (Part 14)
26	CHEMICAL- WATER	Ground Water/ Borewell water	Sulphate as SO4	IS 3025(Part 24)
27	CHEMICAL- WATER	Ground water/ Borewell Water	Total Alkalinity as CaCo3	IS 3025 (Part 23)
28	CHEMICAL- WATER	Ground water/ Borewell Water	Total Dissolved Solids	IS 3025(Part 16)
29	CHEMICAL- WATER	Ground water/ Borewell Water	Total Hardness as CaCo3	IS 3025 (Part 21)

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30	CHEMICAL- WATER	Ground water/ Borewell Water	Turbidity	IS 3025 (Part 10)
31	CHEMICAL- WATER	Surface water	Calcium as Ca	IS 3025 (Part 40)
32	CHEMICAL- WATER	Surface Water	Chloride as Cl	IS 3025 (Part 32)
33	CHEMICAL- WATER	Surface Water	Colour	IS 3025 (Part 4)
34	CHEMICAL- WATER	Surface Water	Fluoride as F	APHA 23rd Edition 4500-F:D
35	CHEMICAL- WATER	Surface Water	Iron as Fe	IS 3025 (Part 53)
36	CHEMICAL- WATER	Surface Water	Magnesium as Mg	IS 3025(Part 46)
37	CHEMICAL- WATER	Surface Water	Nitrate as No3	APHA 23rd Edition 4500-NO3-B
38	CHEMICAL- WATER	Surface Water	Odour	IS 3025 (Part 5)
39	CHEMICAL- WATER	Surface Water	pH at 25°C	IS 3025 (Part 11)
40	CHEMICAL- WATER	Surface Water	Specific Conductance at 25 °C	IS 3025 (Part 14)
41	CHEMICAL- WATER	Surface Water	Sulphate as SO4	IS 3025(Part 24)
42	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCo3	IS 3025 (Part 23)
43	CHEMICAL- WATER	Surface water	Total Dissolved Solids	IS 3025(Part 16)
44	CHEMICAL- WATER	Surface Water	Total Hardness as CaCo3	IS 3025 (Part 21)
45	CHEMICAL- WATER	Surface water	Turbidity	IS 3025 (Part 10)