National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HASSAN DISTRICT WATER QUALITY TESTING LABORATORY RDW&SD, ZILLA PANCHAYATH BUILDING, B.M ROAD, HASSAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11117 **Page No** 1 of 2

Validity 05/11/2022 to 04/11/2024 **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 @ 25 °C	IS 3025 (Part 11)
10	CHEMICAL- WATER	Drinking Water	Specific Conductivity @ 25 °C	IS 3025 (Part 14)
11	CHEMICAL- WATER	Drinking Water	Sulphate (as SO4)	IS 3025 (Part 24)
12	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 7 & Part 8)
13	CHEMICAL- WATER	Drinking Water	Total Alkalinity (as CaCO3)	IS 3025 (Part 23)
14	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
15	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCO3)	IS 3025 (Part 21)
16	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
17	CHEMICAL- WATER	Ground water / Borewell Water	Calcium (as Ca)	IS 3025 (Part 40)
18	CHEMICAL- WATER	Ground water / Borewell water	Total Alkalinity (as CaCO3)	IS 3025 (Part 23)
19	CHEMICAL- WATER	Ground water /Borewell water	Iron (as Fe)	IS 3025 (Part 53)
20	CHEMICAL- WATER	Ground Water /Borewell water	Magnesium (as Mg)	IS 3025 (Part 46)
21	CHEMICAL- WATER	Ground Water/ Borewell Water	Colour	IS 3025 (Part 4)
22	CHEMICAL- WATER	Ground water/ Borewell water	Odour	IS 3025 (Part 5)
23	CHEMICAL- WATER	Ground water/ Borewell Water	pH @ 25 °C	IS 3025 (Part 11)
24	CHEMICAL- WATER	Ground water/ Borewell water	Specific Conductivity @ 25 °C	IS 3025 (Part 14)
25	CHEMICAL- WATER	Ground Water/ Borewell Water	Turbidity	IS 3025 (Part 10)
26	CHEMICAL- WATER	Ground water/Borewell water	Fluoride (as F)	APHA 23rd Edition -4500-F D
27	CHEMICAL- WATER	Ground water/Borewell water	Chloride (as Cl)	IS 3025 (Part 32)
28	CHEMICAL- WATER	Ground water/Borewell water	Nitrate (as NO3)	APHA 23rd Edition 4500-NO3-B
29	CHEMICAL- WATER	Ground water/Borewell water	Sulphate (as SO4)	IS 3025 (Part 24)

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30	CHEMICAL- WATER	Ground water/Borewell water	Total Dissolved solids	IS 3025 (Part 16)
31	CHEMICAL- WATER	Ground water/Borewell Water	Total Hardness (as CaCO3)	IS 3025 (Part 21)
32	CHEMICAL- WATER	Surface water	Calcium (as Ca)	IS 3025 (Part 32)
33	CHEMICAL- WATER	Surface water	Chloride (as Cl)	IS 3025 (Part 32)
34	CHEMICAL- WATER	Surface water	Colour	IS 3025 (Part 4)
35	CHEMICAL- WATER	Surface water	Fluoride (as F)	APHA 23rd Edition -4500-F D
36	CHEMICAL- WATER	Surface water	Iron (as Fe)	IS 3025 (Part 53)
37	CHEMICAL- WATER	Surface water	Magnesium (as Mg)	IS 3025 (Part 46)
38	CHEMICAL- WATER	Surface water	Nitrate (as NO3)	APHA 23rd Edition -4500-NO3 B
39	CHEMICAL- WATER	Surface water	Odour	IS 3025 (Part 5)
40	CHEMICAL- WATER	Surface water	pH @25 °C	IS 3025 (Part 11)
41	CHEMICAL- WATER	Surface water	Specific Conductivity @ 25 °C	IS 3025 (Part 14)
42	CHEMICAL- WATER	Surface water	Sulphate (as SO4)	IS 3025 (Part 24)
43	CHEMICAL- WATER	Surface water	Total Alkalinity (as CaCO3)	IS 3025 (Part 23)
44	CHEMICAL- WATER	Surface water	Total Dissolved Solids	IS 3025 (Part 16)
45	CHEMICAL- WATER	Surface water	Total Hardness (as CaCO3)	IS 3025 (Part 21)
46	CHEMICAL- WATER	Surface water	Turbidity (NTU)	IS 3025 (Part 10)