National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DAVANGERE DISTRICT WATER QUALITY TESTING LABORATORY, RURAL DRINKING WATER AND SANITATION DEPARTMENT, ZILLA PANCHAYATH, LOKIKERE ROAD, DAVANGERE, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10084 **Page No** 1 of 3

Validity 16/11/2021 to 15/11/2023 **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 04
9	CHEMICAL- WATER	Drinking Water	pH @ 25 °C	IS 3025 (Part 11)
10	CHEMICAL- WATER	Drinking Water	Specific Conductance/ Electrical Conductivity @ 25 oC	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 & 8):2017
13	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
14	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	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	Calcium as Ca	IS 3025 (Part 40)
18	CHEMICAL- WATER	Ground Water	Chloride as Cl	IS 3025 (Part 32): 1988 (Reaff: 2019)
19	CHEMICAL- WATER	Ground Water	Colour	IS 3025(Part 4)
20	CHEMICAL- WATER	Ground Water	Fluoride as F	APHA 23rd Edition 4500-F: D
21	CHEMICAL- WATER	Ground Water	Iron as Fe	IS 3025 (Part 53)
22	CHEMICAL- WATER	Ground Water	Magnesium as Mg	IS 3025 (Part 46)
23	CHEMICAL- WATER	Ground Water	Nitrate as NO3	APHA 23rd Edition 4500-NO3 -B
24	CHEMICAL- WATER	Ground Water	Odour	IS-3025 PATR 04
25	CHEMICAL- WATER	Ground Water	pH @ 25 °C	IS 3025 PART 11
26	CHEMICAL- WATER	Ground Water	Specific Conductance/ Electrical Conductivity @ 25 °C	IS -3025 PART14
27	CHEMICAL- WATER	Ground Water	Sulphate as SO4	IS 3025 (Part 24)

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Certificate Number TC-10084 **Page No** 2 of 3

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28	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
29	CHEMICAL- WATER	Ground Water	Total Dissolved Solid	IS 3025 (Part 16)
30	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	IS 3025 (Part 21)
31	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10):1984 (Reaff:2017)
32	CHEMICAL- WATER	Surface Water	Calcium as Ca	IS 3025 (Part40)
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 04
40	CHEMICAL- WATER	Surface Water	pH @ 25 °C	IS 3025 PART 11
41	CHEMICAL- WATER	Surface Water	Specific Conductance/ Electrical 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 Solid	IS 3025 (Part 16)
45	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	IS 3025 (Part 21)
46	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)
47	CHEMICAL- WATER	Water from Purification Plant	Calcium as Ca	IS 3025 (Part 40)
48	CHEMICAL- WATER	Water from Purification Plant	Chloride as Cl	IS 3025 (Part 32)
49	CHEMICAL- WATER	Water from Purification Plant	Colour	IS 3025(Part 4):
50	CHEMICAL- WATER	Water from Purification Plant	Fluoride as F	APHA 23RD Edition: 4500-F
51	CHEMICAL- WATER	Water from Purification Plant	Iron as Fe	IS 3025(Part 53):
52	CHEMICAL- WATER	Water from Purification Plant	Magnesium as Mg	IS 3025(Part 46):
53	CHEMICAL- WATER	Water from Purification Plant	Nitrate as NO3	APHA 23rd Edition 4500-NO3-B:
54	CHEMICAL- WATER	Water from Purification Plant	Odour	IS 3025(Part 5):
55	CHEMICAL- WATER	Water from Purification Plant	pH @ 25 °C	IS 3025 (Part 11)

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56	CHEMICAL- WATER	Water from Purification Plant	Specific Conductance/ Electrical Conductivity @ 25 °C	IS 3025 (Part 14)
57	CHEMICAL- WATER	Water from Purification Plant	Taste	IS 3025 (part 7 &8)
58	CHEMICAL- WATER	Water from Purification Plant	Total Alkalinity as CaCO3	IS 3025 (Part 23)
59	CHEMICAL- WATER	Water from Purification Plant	Total Dissolved Solids	IS 3025(Part 16)
60	CHEMICAL- WATER	Water from Purification Plant	Total Hardness as CaCO3	IS 3025(Part 21)
61	CHEMICAL- WATER	Water from Purification Plant	Turbidity	IS 3025 (Part 10)
62	CHEMICAL- WATER	Water Purification Plant	Sulphate as SO4	IS 3025 (Part 24)