National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GADAG WATER QUALITY TESTING LABORATORY, OFFICE OF THE EXECUTIVE ENGINEER, RURAL DRINKING WATER & SANITATION DEPARTMENT, INDUSTRIAL ESTATE, HUBBALI ROAD, GADAG, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11509 **Page No** 1 of 2

Validity 29/03/2023 to 28/03/2025 **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	Borewell Water	Odour	IS 3025 (Part 5)
2	CHEMICAL- WATER	Borewell Water	Calcium as Ca	IS 3025 (Part 40)
3	CHEMICAL- WATER	Borewell Water	Chloride as Cl	IS 3025 (Part 32)
4	CHEMICAL- WATER	Borewell Water	Colour	IS 3025 (Part 4)
5	CHEMICAL- WATER	Borewell Water	Fluoride as F	APHA 23rd Edition 4500-F D
6	CHEMICAL- WATER	Borewell Water	Iron as Fe	IS 3025 (Part 53)
7	CHEMICAL- WATER	Borewell Water	Magnesium as Mg	IS 3025 (Part 46)
8	CHEMICAL- WATER	Borewell Water	Nitrate as NO3	APHA 23rd Edition 4500-NO3 B
9	CHEMICAL- WATER	Borewell Water	pH	IS 3025 (Part 11)
10	CHEMICAL- WATER	Borewell Water	Specific Conductance @ 25°C	IS 3025 (Part 14)
11	CHEMICAL- WATER	Borewell Water	Sulphate as SO4	IS 3025 (Part 24/Section 1)
12	CHEMICAL- WATER	Borewell Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
13	CHEMICAL- WATER	Borewell Water	Total Dissolved Solids	IS 3025 (Part 16)
14	CHEMICAL- WATER	Borewell Water	Total Hardness as CaCO3	IS 3025 (Part 21)
15	CHEMICAL- WATER	Borewell Water	Turbidity	IS 3025 (Part 10)
16	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 7 & Part 8)
17	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40)
18	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (Part 32)
19	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
20	CHEMICAL- WATER	Drinking Water	Fluoride as F	APHA 23rd Edition 4500-F D
21	CHEMICAL- WATER	Drinking Water	Iron as Fe	IS 3025 (Part 53)
22	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025(Part 46)
23	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	APHA 23rd Edition 4500-NO3 B
24	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
25	CHEMICAL- WATER	Drinking Water	pH at 25°C	IS 3025 (Part 11)
26	CHEMICAL- WATER	Drinking Water	Specific Conductance @ 25°C	IS 3025 (Part 14)
27	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (Part 24/Section 1)
28	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
29	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)

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30	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21)
31	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
32	CHEMICAL- WATER	Surface Water	Calcium as Ca	IS 3025 (Part 40)
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 at 25°C	IS 3025 (Part 11)
41	CHEMICAL- WATER	Surface Water	Specific Conductance @25°C	IS 3025 (Part 14)
42	CHEMICAL- WATER	Surface Water	Sulphate as SO4	IS 3025 (Part 24/Section 1)
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	IS 3025 (Part 10)