National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHIMOGGA WATER QUALITY TESTING LABORATORY, RTO OFFICE ROAD, DC COMPOUND, SHIMOGA, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10653 **Page No** 1 of 3

Validity 27/05/2022 to 26/05/2024 **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	Surface Water	pH	IS 3025(Part-11)
2	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part-40)
3	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (Part-32)
4	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 part-4
5	CHEMICAL- WATER	Drinking Water	Fluoride as F	APHA 23rd Edition – 4500-F- D
6	CHEMICAL- WATER	Drinking Water	Iron as Fe	IS 3025 (Part-53)
7	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part-46)
8	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	APHA 23rd Edition – 4500-NO3-B
9	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part-5)
10	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part-11)
11	CHEMICAL- WATER	Drinking Water	Specific Conductance	IS 3025 (Part-14)
12	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (Part-24)
13	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part- 8)
14	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCo3	IS3025 (Part-23)
15	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part-16)
16	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part-21)
17	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (PART-10)
18	CHEMICAL- WATER	Ground water	Calcium as Ca	IS 3025(Part-40)
19	CHEMICAL- WATER	Ground water	Chloride as Cl	IS 3025(Part-32)
20	CHEMICAL- WATER	Ground Water	Colour	IS 3025(Part-4)
21	CHEMICAL- WATER	Ground Water	Fluoride As F	APHA 23rd Edition – 4500-F- D
22	CHEMICAL- WATER	Ground water	Iron as Fe	IS 3025(Part-53)
23	CHEMICAL- WATER	Ground water	Magnesium as Mg	IS 3025(Part-46)
24	CHEMICAL- WATER	Ground water	Nitrate as NO3	APHA 23rd Edition – 4500-NO3-B
25	CHEMICAL- WATER	Ground Water	Odour	IS 3025(Part-5)
26	CHEMICAL- WATER	Ground Water	pH	IS 3025 (Part-11)
27	CHEMICAL- WATER	Ground Water	Specific Conductance	IS 3025(Part-14)
28	CHEMICAL- WATER	Ground water	Sulphate as SO4	IS 3025(Part-24)

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Certificate Number TC-10653 **Page No** 2 of 3

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29	CHEMICAL- WATER	Ground Water	Taste	IS 3025(Part-8)
30	CHEMICAL- WATER	Ground water	Total Alkalinity as CaCO3	IS 3025(Part-23)
31	CHEMICAL- WATER	Ground water	Total Dissolved Solids	IS 3025(Part-16)
32	CHEMICAL- WATER	Ground water	Total Hardness as CaCO3	IS 3025(Part-21)
33	CHEMICAL- WATER	Ground water	Turbidity	IS 3025(Part-10)
34	CHEMICAL- WATER	Purification Plants Water	Calcium as Ca	IS 3025(Part-40)
35	CHEMICAL- WATER	Purification Plants Water	Chloride as Cl	IS 3025(Part-32)
36	CHEMICAL- WATER	Surface Water	Colour	IS 3025(Part-4)
37	CHEMICAL- WATER	Surface Water	Calcium as Ca	IS 3025(Part-40)
38	CHEMICAL- WATER	Surface Water	Chloride as Cl	IS 3025(Part-32)
39	CHEMICAL- WATER	Surface WAter	Fluoride as F	APHA 23rd Edition
40	CHEMICAL- WATER	Surface Water	Iron as Fe	IS 3025(Part-53)
41	CHEMICAL- WATER	Surface Water	Magnesium as Mg, mg/l	IS 3025(Part-46)
42	CHEMICAL- WATER	Surface Water	Nitrate as NO3	APHA 23rd Edition
43	CHEMICAL- WATER	Surface Water	Odour	IS 3025(Part-5)
44	CHEMICAL- WATER	Surface water	Specific conductance	IS 3025(Part-14)
45	CHEMICAL- WATER	Surface Water	Sulphate as SO4	IS 3025(Part-24)
46	CHEMICAL- WATER	Surface water	Taste	IS 3025(Part-8)
47	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	IS 3025(Part-23)
48	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS 3025(Part-16)
49	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	IS 3025(Part-21)
50	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025(Part-10)
51	CHEMICAL- WATER	water from purification plants	Colour	IS 3025(Part-4)
52	CHEMICAL- WATER	Water from Purification Plants	Fluoride as F	APHA 23rd Edition – 4500-F- D
53	CHEMICAL- WATER	Water from Purification Plants	Iron as Fe	IS 3025(Part-53)
54	CHEMICAL- WATER	Water from Purification Plants	Magnesium as Mg	IS 3025(Part-46)
55	CHEMICAL- WATER	Water from Purification Plants	Nitrate as NO3	APHA 23rd Edition – 4500-NO3-B
56	CHEMICAL- WATER	Water from Purification Plants	Odour	IS 3025(Part-5)
57	CHEMICAL- WATER	Water from Purification Plants	pH	IS 3025(Part-11)
58	CHEMICAL- WATER	Water from Purification Plants	Specific Conductance	IS 3025 (Part-14)

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59	CHEMICAL- WATER	Water from Purification Plants	Sulphate as SO4	IS 3025(Part-24)
60	CHEMICAL- WATER	Water from Purification Plants	Taste	IS 3025(Part-8)
61	CHEMICAL- WATER	Water from Purification Plants	Total Alkalinity as CaCO3	IS 3025(Part-23)
62	CHEMICAL- WATER	Water from Purification Plants	Total Dissolved Solids	IS 3025(Part-16)
63	CHEMICAL- WATER	Water from Purification Plants	Total Hardness as CaCO3	IS 3025(Part-21)
64	CHEMICAL- WATER	Water from Purification Plants	Turbidity	IS 3025(Part-10)