National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TUMKUR DISTRICT WATER QUALITY TESTING LABORATORY, ZILLA PANCHAYATH COMPOUND, B H ROAD, TUMKUR, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10996 **Page No** 1 of 2

Validity 16/09/2022 to 15/09/2024 **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	Bore well Water/ Ground Water	Calcium as Ca	IS 3025 (Part40)
2	CHEMICAL- WATER	Bore well Water/ Ground Water	Chloride as Cl	IS 3025(Part 32)
3	CHEMICAL- WATER	Bore well Water/ Ground Water	COLOUR	IS 3025 (Part 4)
4	CHEMICAL- WATER	Bore well Water/ Ground Water	Electrical conductivity at 25 °C,	IS 3025 (Part 14)
5	CHEMICAL- WATER	Bore well Water/ Ground Water	Fluoride as F	APHA 23rd Edition 4500-F: D
6	CHEMICAL- WATER	Bore well Water/ Ground Water	Iron as Fe	IS 3025(Part 53)
7	CHEMICAL- WATER	Bore well Water/ Ground Water	Magnesium as Mg	IS 3025(Part 46)
8	CHEMICAL- WATER	Bore well Water/ Ground Water	Nitrate as NO3	APHA 23rd Edition 4500-NO3 –B
9	CHEMICAL- WATER	Bore well Water/ Ground Water	ODOUR	IS 3025 (Part 05&06)
10	CHEMICAL- WATER	Bore well Water/ Ground Water	Sulphate as SO4	IS 3025 (part 24)
11	CHEMICAL- WATER	Bore well Water/ Ground Water	Total alkalinity as CaCO3	IS 3025(Part 23)
12	CHEMICAL- WATER	Bore well Water/ Ground Water	Total Dissolved Solids	IS 3025(Part 16)
13	CHEMICAL- WATER	Bore well Water/ Ground Water	Total Hardness as CaCO3	IS 3025(Part 21)
14	CHEMICAL- WATER	Bore well Water/ Ground Water/Drinking water	Turbidity	IS 3025 (Part 10)
15	CHEMICAL- WATER	BORE WELL WATER, GROUND WATER	pH @ 25°C	IS 3025 (Part 11)
16	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
17	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part40)
18	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025(Part 32)
19	CHEMICAL- WATER	Drinking Water	Electrical conductivity at 25 °C	IS 3025 (Part 14)
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 05&06)
25	CHEMICAL- WATER	Drinking Water	pH at 25 °C	IS 3025 (Part 11)
26	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (part 24)
27	CHEMICAL- WATER	Drinking Water	Taste	IS 3025(Part 7&8)
28	CHEMICAL- WATER	Drinking Water	Total alkalinity as CaCO3	IS 3025(Part 23)

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29	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025(Part 16)
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	Odour	IS 3025 (Part 5)
33	CHEMICAL- WATER	SURFACE WATER	Calcium as Ca	IS 3025 (Part40)
34	CHEMICAL- WATER	SURFACE WATER	Chloride as Cl	IS 3025(Part 32)
35	CHEMICAL- WATER	SURFACE WATER	Colour	IS 3025 (Part 4)
36	CHEMICAL- WATER	SURFACE WATER	Electrical conductivity at 25 °C	IS 3025 (Part 14)
37	CHEMICAL- WATER	SURFACE WATER	Fluoride as F	APHA 23rd Edition 4500-F: D
38	CHEMICAL- WATER	SURFACE WATER	Iron as Fe	IS 3025(Part 53)
39	CHEMICAL- WATER	SURFACE WATER	Magnesium as Mg	IS 3025(Part 46)
40	CHEMICAL- WATER	SURFACE WATER	Nitrate as NO3	APHA 23rd Edition 4500-NO3 –B
41	CHEMICAL- WATER	SURFACE WATER	pH at 25 °C	IS 3025 (Part 11)
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	IS 3025 (Part 10)