National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MYSURU DISTRICT WATER QUALITY TESTING LABORATORY, RURAL DRINKING WATER & SANITATION DEPARTMENT, ROOM NO. 05, ZILLA PANACHAYATH PREMISES, CHAMARAJAPURAM MOHALLA, LAKSHMIPURAM, MYSURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9991 **Page No** 1 of 3

Validity 18/10/2021 to 17/10/2023 **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	pH at 25°C	IS 3025(Part 11))
2	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40), (EDTA titrimetric method)
3	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025(Part 32), (Argentometric method)
4	CHEMICAL- WATER	Drinking Water	Colour	IS 3025- Part 4, (Platinum Cobalt - Visual Comparison Method)
5	CHEMICAL- WATER	Drinking Water	Electrical conductivity at 25°C	IS 3025 (Part 14)
6	CHEMICAL- WATER	Drinking Water	Fluoride as F	APHA 23rd Edition 4500-F: D
7	CHEMICAL- WATER	Drinking Water	Iron as Fe	IS 3025(Part 53), (Phenanthroline method)
8	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025(Part 46), (volumetric analysis using EDTA)
9	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	APHA 23 rd Edition 4500 NO3 - B
10	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
11	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (Part 24), (Turbidity method)
12	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 7 & 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), (EDTA Method)
16	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
17	CHEMICAL- WATER	Ground Water/Borewell Water	Odour	IS 3025 (Part 5)
18	CHEMICAL- WATER	Ground Water/Borewell Water	Calcium as Ca	IS 3025 (Part 40), (EDTA titrimetric method)
19	CHEMICAL- WATER	Ground Water/Borewell Water	Chloride as Cl	IS 3025(Part 32) (Argentometric method)
20	CHEMICAL- WATER	Ground Water/Borewell Water	Colour	IS 3025- Part 4, (Platinum Cobalt - Visual Comparison Method)
21	CHEMICAL- WATER	Ground Water/Borewell Water	Electrical conductivity at 25°C	IS 3025 (Part 14)
22	CHEMICAL- WATER	Ground Water/Borewell Water	Fluoride as F	APHA 23rd Edition 4500-F :D

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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
23	CHEMICAL- WATER	Ground Water/Borewell Water	Iron as Fe	IS 3025(Part 53), (Phenanthroline method)
24	CHEMICAL- WATER	Ground Water/Borewell Water	Magnesium as Mg	IS 3025(Part 46), (volumetric analysis using EDTA)
25	CHEMICAL- WATER	Ground Water/Borewell Water	Nitrate as NO3	APHA 23rd Edition 4500-NO3 -B
26	CHEMICAL- WATER	Ground Water/Borewell Water	pH at 25°C	IS 3025 (Part 11)
27	CHEMICAL- WATER	Ground Water/Borewell Water	Sulphate as SO4	IS 3025 (part 24), (Turbidity method)
28	CHEMICAL- WATER	Ground Water/Borewell Water	Total Alkalinity as CaCO3	IS 3025(Part 23)
29	CHEMICAL- WATER	Ground Water/Borewell Water	Total Dissolved Solids	IS 3025(Part 16)
30	CHEMICAL- WATER	Ground Water/Borewell Water	Total Hardness as CaCO3	IS 3025(Part 21), (EDTA Method)
31	CHEMICAL- WATER	Ground Water/Borewell Water	Turbidity	IS 3025 (Part 10)
32	CHEMICAL- WATER	Surface Water	Odour	IS 3025 (Part 5)
33	CHEMICAL- WATER	Surface Water	Colour	IS 3025- Part 4, (Platinum Cobalt - Visual Comparison Method)
34	CHEMICAL- WATER	Surface Water	Calcium as Ca	IS 3025 (Part 40), (EDTA titrimetric method)
35	CHEMICAL- WATER	Surface Water	Chloride as Cl	IS 3025(Part 32), (Argentometric method)
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), (Phenanthroline method)
39	CHEMICAL- WATER	Surface Water	Magnesium as Mg	IS 3025 (Part 46), (Volumetric analysis using EDTA)
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), (Turbidity method)
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), (EDTA Method)

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46	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)