National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BENGALURU URBAN WATER QUALITY TESTING LABORATORY, RDW & SD, BENGALURU, ZILLA PANCHAYATH OFFICE BUILDING, GROUND FLOOR , S KARIYAPPA ROAD, BANASHANKARI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9671 **Page No** 1 of 2

Validity 14/07/2021 to 13/07/2023 **Last Amended on** 16/12/2022

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	Ground Water/Borewell Water/Surface Water	Magnesium (as Mg)	IS 3025 (Part 46)
2	CHEMICAL- WATER	Drinking Water	Total Alkalinity (as CaCO3)	IS 3025 (Part 23)
3	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	IS 3025 (Part 40)
4	CHEMICAL- WATER	Drinking Water	Chloride (as Cl)	IS 3025 (Part 32)
5	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 40)
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)
8	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg)	IS 3025 (Part 46)
9	CHEMICAL- WATER	Drinking Water	Nitrate (as NO3)	APHA 23rd Edition -4500-NO3 B
10	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
11	CHEMICAL- WATER	Drinking Water	pH at 25°C	IS 3025 (Part 11)
12	CHEMICAL- WATER	Drinking Water	Specific Conductivity at 25°C	IS 3025 (Part 14)
13	CHEMICAL- WATER	Drinking Water	Sulphate (as SO4)	IS 3025 (Part 24)
14	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 7 & Part 8)
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/Borewell Water/ Surface Water	Calcium (as Ca)	IS 3025 (Part 40)
19	CHEMICAL- WATER	Ground Water/Borewell Water/Surface Water	Chloride (as Cl)	IS 3025 (Part 32)
20	CHEMICAL- WATER	Ground Water/Borewell Water/Surface Water	Colour	IS 3025 (Part 4)
21	CHEMICAL- WATER	Ground Water/Borewell Water/Surface Water	Fluoride (as F)	APHA 23rd Edition -4500-F D
22	CHEMICAL- WATER	Ground Water/Borewell Water/Surface Water	Nitrate (as NO3)	APHA 23rd Edition -4500-NO3 B
23	CHEMICAL- WATER	Ground Water/Borewell Water/Surface Water	Odour	IS 3025 (Part 5)
24	CHEMICAL- WATER	Ground Water/Borewell Water/Surface Water	pH at 25°C	IS 3025 (Part 11)
25	CHEMICAL- WATER	Ground Water/Borewell Water/Surface Water	Specific Conductivity at 25°C	IS 3025 (Part 14)
26	CHEMICAL- WATER	Ground Water/Borewell Water/Surface Water	Sulphate (as SO4)	IS 3025 (Part 24 / Section 1)
27	CHEMICAL- WATER	Ground Water/Borewell Water/Surface Water	Total Alkalinity (as CaCO3)	IS 3025 (Part 23)
28	CHEMICAL- WATER	Ground Water/Borewell Water/Surface Water	Total Dissolved Solids	IS 3025 (Part 16)
29	CHEMICAL- WATER	Ground Water/Borewell Water/Surface Water	Total Hardness (as CaCO3)	IS 3025 (Part 21)

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30	CHEMICAL- WATER	Ground Water/Borewell Water/Surface Water	Turbidity	IS 3025 (Part 10)
31	CHEMICAL- WATER	Ground Water/Surface Water/Borewell Water	Iron (as Fe)	IS 3025 (Part 53)