National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : KALABURGI DISTRICT WATER QUALITY TESTING LABORATORY, RURAL DRINKING WATER & SANITATION DEPARTMENT, PRED PREMISES, KUSNOOR ROAD, GULBARGA, KALABURAGI, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10043 **Page No** 1 of 3

Validity 01/11/2021 to 31/10/2023 **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	Borewell water/Ground water	Calcium as Ca	IS 3025 (Part40)
2	CHEMICAL- WATER	Borewell water/Ground water	Chloride as Cl	IS 3025(Part 32)
3	CHEMICAL- WATER	Borewell water/Ground water	Colour	IS 3025 (Part 4)
4	CHEMICAL- WATER	Borewell water/Ground water	Fluoride as F	APHA 23rd Edition 4500-F :D
5	CHEMICAL- WATER	Borewell water/Ground water	Iron as Fe	IS 3025(Part 53)
6	CHEMICAL- WATER	Borewell water/Ground water	Magnesium as Mg	IS 3025(Part 46)
7	CHEMICAL- WATER	Borewell water/Ground water	Nitrate as NO3	APHA 23rd Edition 4500 -NO3 - B
8	CHEMICAL- WATER	Borewell water/Ground water	Odour	IS 3025 (Part 5)
9	CHEMICAL- WATER	Borewell water/Ground water	pH at 25°C	IS 3025 (Part 11)
10	CHEMICAL- WATER	Borewell water/Ground water	Specific conductance / Electrical conductivity at 25°C	IS 3025 (Part 14)
11	CHEMICAL- WATER	Borewell water/Ground water	Sulphate as SO4	IS 3025 (part 24)
12	CHEMICAL- WATER	Borewell water/Ground water	Total alkalinity as CaCO3	IS 3025(Part23)
13	CHEMICAL- WATER	Borewell water/Ground water	Total Dissolved Solids	IS 3025(Part 16)
14	CHEMICAL- WATER	Borewell water/Ground water	Total Hardness as CaCO3	IS 3025(Part 21)
15	CHEMICAL- WATER	Borewell water/Ground water	Turbidity	IS : 3025 (Part 10)
16	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part-40)
17	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025(Part 32)
18	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
19	CHEMICAL- WATER	Drinking Water	Fluoride as F	APHA 23rd Edition 4500-F -D
20	CHEMICAL- WATER	Drinking Water	Iron as Fe	IS 3025(Part 53)
21	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025(Part 46)
22	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	APHA 23rd Edition 4500-NO3 -B
23	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
24	CHEMICAL- WATER	Drinking Water	pH at 25°C	IS 3025 (Part 11)
25	CHEMICAL- WATER	Drinking Water	Specific conductance / Electrical conductivity at 25°C	IS 3025 (Part 14)
26	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (part 24)
27	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 7)
28	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS : 3025 (Part-23)

SCOPE OF ACCREDITATION

Laboratory Name : KALABURGI DISTRICT WATER QUALITY TESTING LABORATORY, RURAL DRINKING WATER & SANITATION DEPARTMENT, PRED PREMISES, KUSNOOR ROAD, GULBARGA, KALABURAGI, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10043 **Page No** 2 of 3

Validity 01/11/2021 to 31/10/2023 **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
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	Specific conductance / Electrical conductivity at 25°C	IS: 3025 (Part 14)
33	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)
34	CHEMICAL- WATER	Surface Water	Calcium as Ca	IS 3025 (Part40)
35	CHEMICAL- WATER	Surface Water	Chloride as Cl	IS 3025(Part 32)
36	CHEMICAL- WATER	Surface Water	Colour	IS 3025 (Part 4)
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	Odour	IS 3025 (Part 5)
42	CHEMICAL- WATER	Surface Water	pH at 25°C	IS 3025 (Part 11)
43	CHEMICAL- WATER	Surface Water	Sulphate as SO4	IS 3025 (part 24)
44	CHEMICAL- WATER	Surface Water	Total alkalinity as CaCO3	IS 3025(Part 23)
45	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS 3025(Part 16)
46	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	IS 3025(Part 21)
47	CHEMICAL- WATER	Water from Purification Plant	Calcium as Ca	IS 3025(Part 40)
48	CHEMICAL- WATER	Water from Purification Plant	Chloride as Cl	IS 3025(Part 32)
49	CHEMICAL- WATER	Water from Purification Plant	Colour	IS 3025(Part4)
50	CHEMICAL- WATER	Water from Purification Plant	Flouride as F	APHA23rd Edition 4500-FD
51	CHEMICAL- WATER	Water from Purification Plant	Iron as Fe	IS 3025(Part 53)
52	CHEMICAL- WATER	Water from Purification Plant	Magnesium as Mg	IS 3025(Part46)
53	CHEMICAL- WATER	Water from Purification Plant	Nitrate as NO3	APHA 23rd Edition 4500-NO3-B
54	CHEMICAL- WATER	Water from Purification Plant	Odour	IS 3025 (Part 5)
55	CHEMICAL- WATER	Water from Purification Plant	PH at 25°C	IS 3025(part 11)
56	CHEMICAL- WATER	Water from Purification Plant	Specific Conductance/ Electrical Conductivity at 25°C	IS: 3025 (Part 14)
57	CHEMICAL- WATER	Water from Purification Plant	Sulphate as SO4	IS 3025(Part 24)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : KALABURGI DISTRICT WATER QUALITY TESTING LABORATORY, RURAL DRINKING WATER & SANITATION DEPARTMENT, PRED PREMISES, KUSNOOR ROAD, GULBARGA, KALABURAGI, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10043 **Page No** 3 of 3

Validity 01/11/2021 to 31/10/2023 **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
58	CHEMICAL- WATER	Water from Purification Plant	Taste	IS 3025 (Part 7)
59	CHEMICAL- WATER	Water from Purification Plant	Total Alkalinity as CaCO3	IS 3025(Part 23)
60	CHEMICAL- WATER	Water from Purification Plant	Total Dissolved Solids	IS 3025(Part 16)
61	CHEMICAL- WATER	Water from Purification Plant	Total Hardness as CaCO3	IS 3025(Part 21)
62	CHEMICAL- WATER	Water from Purification Plant	Turbidity	IS: 3025 (Part 10)