National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT LABORATORY, PUBLIC HEALTH ENGINEERING DEPARTMENT, PHED CAMPUS, BAPU NAGAR, BHILWARA, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7734 **Page No** 1 of 5

Validity 18/11/2022 to 17/11/2024 **Last Amended on** 19/01/2023

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		Color	APHA 23rd Edition 2017- 2120: B
2	CHEMICAL- WATER	Drinking Water	Calcium	APHA 23rd Edition 2017- 3500Ca
3	CHEMICAL- WATER	Drinking Water	Chloride	APHA 23rd Edition 2017- 4500Cl
4	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025; 32
5	CHEMICAL- WATER	Drinking Water	Color	APHA 23rd Edition 2017- 2120
6	CHEMICAL- WATER	Drinking Water	Conductivity	APHA 23rd Edition 2017- 2510
7	CHEMICAL- WATER	Drinking Water	Conductivity	IS 3025; 14
8	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	APHA 23rd Edition 2017- 4500 O
9	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	IS 3025 P-28
10	CHEMICAL- WATER	Drinking Water	Fluoride	APHA 23rd Edition 2017- 4500 F
11	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025; 60
12	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 23rd Edition 2017- 3500 Mg
13	CHEMICAL- WATER	Drinking Water	Nitrate	APHA 23rd Edition 2017- 4500 NO3
14	CHEMICAL- WATER	Drinking Water	Nitrate	APHA 4500 NO3 B UV Spectrophotometric
15	CHEMICAL- WATER	Drinking Water	Odor	APHA 2150 B. Threshold Odor Test
16	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition 2017- 4500 H
17	CHEMICAL- WATER	Drinking Water	pH	IS 3025; 11
18	CHEMICAL- WATER	Drinking Water	Potassium	APHA 23rd Edition 2017- 3500 K
19	CHEMICAL- WATER	Drinking Water	Potassium	IS 3025; 45
20	CHEMICAL- WATER	Drinking Water	Residual Chlorine	APHA 23rd Edition 2017- 4500 Cl
21	CHEMICAL- WATER	Drinking Water	Sodium	APHA 23rd Edition 2017- 3500 Na
22	CHEMICAL- WATER	Drinking Water	Sodium	IS 3025; 45

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT LABORATORY, PUBLIC HEALTH ENGINEERING DEPARTMENT, PHED CAMPUS, BAPU NAGAR, BHILWARA, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7734 **Page No** 2 of 5

Validity 18/11/2022 to 17/11/2024 **Last Amended on** 19/01/2023

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	Drinking Water	Sulphate	APHA 23rd Edition 2017- 4500 SO4
24	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025; 24
25	CHEMICAL- WATER	Drinking Water	Taste	APHA 2160 B. Flavor Threshold Test
26	CHEMICAL- WATER	Drinking Water	Total Alkalinity	APHA 23rd Edition 2017- 2320
27	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025; 23
28	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	APHA 23rd Edition 2017- 2540
29	CHEMICAL- WATER	Drinking Water	Total Hardness	APHA 23rd Edition 2017- 2340
30	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition 2017- 2130
31	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025; 10
32	CHEMICAL- WATER	Ground Water	Nitrate	APHA 4500 NO3 B UV Spectrophotometric:
33	CHEMICAL- WATER	Ground Water	Odor	APHA 2150 B. Threshold Odor Test
34	CHEMICAL- WATER	Ground Water	Taste	APHA 2160 B. Flavor Threshold Test
35	CHEMICAL- WATER	Groundwater	Calcium	APHA 23rd Edition 2017 - 3500Ca
36	CHEMICAL- WATER	Groundwater	Chloride	APHA 23rd Edition 2017- 4500 Cl
37	CHEMICAL- WATER	Groundwater	Chloride	IS 3025; 32
38	CHEMICAL- WATER	Groundwater	Conductivity	APHA 23rd Edition 2017- 2510
39	CHEMICAL- WATER	Groundwater	Conductivity	IS 3025; 14
40	CHEMICAL- WATER	Groundwater	Fluoride	APHA 23rd Edition 2017- 4500 F
41	CHEMICAL- WATER	Groundwater	Fluoride	IS 3025; 60
42	CHEMICAL- WATER	Groundwater	Magnesium	APHA 23rd Edition 2017- 3500 Mg
43	CHEMICAL- WATER	Groundwater	Nitrate	APHA 23rd Edition 2017- 4500 NO3
44	CHEMICAL- WATER	Groundwater	pH	APHA 23rd Edition 2017- 4500 H+
45	CHEMICAL- WATER	Groundwater	pH	IS 3025; 11

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT LABORATORY, PUBLIC HEALTH ENGINEERING DEPARTMENT, PHED CAMPUS, BAPU NAGAR, BHILWARA, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7734 **Page No** 3 of 5

Validity 18/11/2022 to 17/11/2024 **Last Amended on** 19/01/2023

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
46	CHEMICAL- WATER	Groundwater	Potassium	APHA 23rd Edition 2017- 3500 K
47	CHEMICAL- WATER	Groundwater	Potassium	IS 3025; 45
48	CHEMICAL- WATER	Groundwater	Sodium	APHA 23rd Edition 2017- 3500 Na
49	CHEMICAL- WATER	Groundwater	Sodium	IS 3025; 45
50	CHEMICAL- WATER	Groundwater	Sulphate	APHA 23rd Edition 2017- 4500 SO4
51	CHEMICAL- WATER	Groundwater	Sulphate	IS 3025; 24
52	CHEMICAL- WATER	Groundwater	Total Alkalinity	APHA 23rd Edition 2017- 2320
53	CHEMICAL- WATER	Groundwater	Total Alkalinity	IS 3025; 23
54	CHEMICAL- WATER	Groundwater	Total Dissolved Solids	APHA 23rd Edition 2017- 2540
55	CHEMICAL- WATER	Groundwater	Total Hardness	APHA 23rd Edition 2017- 2340
56	CHEMICAL- WATER	Potable Water	Calcium	APHA 23rd Edition 2017- 3500Ca
57	CHEMICAL- WATER	Potable Water	Chloride	APHA 23rd Edition 2017- 4500 Cl
58	CHEMICAL- WATER	Potable Water	Chloride	IS 3025; 32
59	CHEMICAL- WATER	Potable Water	Color	APHA 23rd Edition 2017- 2120
60	CHEMICAL- WATER	Potable Water	Conductivity	APHA 23rd Edition 2017- 2510
61	CHEMICAL- WATER	Potable Water	Conductivity	IS 3025; 14
62	CHEMICAL- WATER	Potable Water	Dissolved Oxygen	APHA 23rd Ed. 4500 O-C
63	CHEMICAL- WATER	Potable Water	Dissolved Oxygen	IS 3025 P-28
64	CHEMICAL- WATER	Potable Water	Fluoride	APHA 23rd Edition 2017- 4500 F
65	CHEMICAL- WATER	Potable Water	Fluoride	IS 3025; 60
66	CHEMICAL- WATER	Potable Water	Magnesium	APHA 23rd Edition 2017- 3500 Mg
67	CHEMICAL- WATER	Potable Water	Nitrate	APHA 23rd Edition 2017- 4500 NO3
68	CHEMICAL- WATER	Potable Water	Nitrate	APHA 4500 NO3 B UV Spectrophotometric:
69	CHEMICAL- WATER	Potable Water	Odor	APHA 2150 B. Threshold Odor Test

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT LABORATORY, PUBLIC HEALTH ENGINEERING DEPARTMENT, PHED CAMPUS, BAPU NAGAR, BHILWARA, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7734 **Page No** 4 of 5

Validity 18/11/2022 to 17/11/2024 **Last Amended on** 19/01/2023

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
70	CHEMICAL- WATER	Potable Water	pH	APHA 23rd Edition 2017- 4500 H
71	CHEMICAL- WATER	Potable Water	pH	IS 3025; 11
72	CHEMICAL- WATER	Potable Water	Potassium	APHA 23rd Edition 2017- 3500 K:
73	CHEMICAL- WATER	Potable Water	Potassium	IS 3025; 45
74	CHEMICAL- WATER	Potable Water	Residual Chlorine	APHA 23rd Edition 2017- 4500 Cl
75	CHEMICAL- WATER	Potable Water	Sodium	APHA 23rd Edition 2017- 3500 Na
76	CHEMICAL- WATER	Potable Water	Sodium	IS 3025; 45
77	CHEMICAL- WATER	Potable Water	Sulphate	APHA 23rd Edition 2017- 4500 SO4
78	CHEMICAL- WATER	Potable Water	Sulphate	IS 3025; 24:
79	CHEMICAL- WATER	Potable Water	Taste	APHA 2160 B. Flavor Threshold Test
80	CHEMICAL- WATER	Potable Water	Total Alkalinity	APHA 23rd Edition 2017- 2320
81	CHEMICAL- WATER	Potable Water	Total Alkalinity	IS 3025; 23
82	CHEMICAL- WATER	Potable Water	Total Dissolved Solids	APHA 23rd Edition 2017- 2540
83	CHEMICAL- WATER	Potable Water	Total Hardness	APHA 23rd Edition 2017- 2340
84	CHEMICAL- WATER	Potable Water	Turbidity	APHA 23rd Edition 2017- 2130
85	CHEMICAL- WATER	Potable Water	Turbidity	IS 3025; 10
86	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand	APHA 23rd Edition 2017- 5210
87	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand	IS 3025; 44:
88	CHEMICAL- WATER	Surface Water	Calcium	APHA 23rd Edition 2017- 3500 Ca
89	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	APHA 5220-C
90	CHEMICAL- WATER	Surface Water	Chloride	APHA 23rd Edition 2017 - 4500 Cl
91	CHEMICAL- WATER	Surface Water	Chloride	IS 3025; 32
92	CHEMICAL- WATER	Surface Water	Color	APHA 2120: B
93	CHEMICAL- WATER	Surface Water	Conductivity	APHA 23rd Edition 2017 - 2510
94	CHEMICAL- WATER	Surface Water	Conductivity	IS 3025; 14

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT LABORATORY, PUBLIC HEALTH ENGINEERING DEPARTMENT, PHED CAMPUS, BAPU NAGAR, BHILWARA, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7734 **Page No** 5 of 5

Validity 18/11/2022 to 17/11/2024 **Last Amended on** 19/01/2023

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
95	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 23rd Edition 2017 - 4500 O
96	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025; 28
97	CHEMICAL- WATER	Surface Water	Fluoride	APHA 23rd Edition 2017- 4500 f
98	CHEMICAL- WATER	Surface Water	Fluoride	IS 3025; 60
99	CHEMICAL- WATER	Surface Water	Magnesium	APHA 23rd Edition 2017- 3500 Mg
100	CHEMICAL- WATER	Surface Water	Nitrate	APHA 23rd Edition 2017- 4500 NO3
101	CHEMICAL- WATER	Surface Water	Nitrate	APHA 4500 NO3 B UV Spectrophotometric:
102	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition 2017; 4500 H+
103	CHEMICAL- WATER	Surface Water	pH	IS 3025; 11
104	CHEMICAL- WATER	Surface Water	Potassium	APHA 23rd Edition 2017- 3500 K
105	CHEMICAL- WATER	Surface Water	Potassium	IS 3025; 45
106	CHEMICAL- WATER	Surface Water	Sodium	APHA 23rd Edition 2017- 3500 Na:
107	CHEMICAL- WATER	Surface Water	Sodium	IS 3025; 45
108	CHEMICAL- WATER	Surface Water	Sulphate	APHA 23rd Edition 2017 - 4500 SO4
109	CHEMICAL- WATER	Surface Water	Sulphate	IS 3025; 24
110	CHEMICAL- WATER	Surface Water	Total Alkalinity	APHA 23rd Edition 2017; 2320
111	CHEMICAL- WATER	Surface Water	Total Alkalinity	IS 3025; 23
112	CHEMICAL- WATER	Surface water	Total Dissolved Solids	APHA 23rd Edition 2017; 2540
113	CHEMICAL- WATER	Surface Water	Total Hardness	APHA 23rd Edition 2017- 2340
114	CHEMICAL- WATER	Surface Water	Turbidity	APHA 23rd Edition 2017 - 2130
115	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025; 10