National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ROYAL ENVIRONMENT AUDITING & CONSULTANCY SERVICE (LABORATORY DIVISION), PLOT NO. 19/20, MASOOM SCHOOL ROAD, MOTA MAUVA, RAJKOT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10779 **Page No** 1 of 16

Validity 02/07/2022 to 01/07/2024 **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- ATMOSPHERIC POLLUTION	Ambient Air	Chlorine Gas (Cl2)	IS 5182 (Part 19)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Hydrogen Sulphide (H2S)	IS 5182 (Part 7)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide (NO2)	IS 5182 (Part 6)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM 2.5	IS 5182(Part 24)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Respirable Suspended Particular Matter (PM 10)	IS 5182 (Part 23)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part 2)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia	IS 11255 (Part 6)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide (CO2)	IS 13270
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide (CO)	IS 13270
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen (NOx)	IS 11255 (Part 7)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen (O2)	IS 13270
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter (PM)	IS 11255 (Part 1)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO2)	IS 11255 (Part 2)
14	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Acidity	APHA 23rd Edition, 2310 B
15	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Acidity	IS 3025 (Part 22)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Ammonical Nitrogen	APHA 23rd Edition, 4500 NH3 - C
17	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Ammonical Nitrogen	IS 3025 (Part 34)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	BOD (3 Day @ 27 'C)	IS 3025 (Part 44)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10779 **Page No** 2 of 16

Validity 02/07/2022 to 01/07/2024 **Last Amended on** -

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	BOD (5 Day @ 20 'C)	APHA 23rd Edition, 5210-BOD
20	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	BOD (5 Day @ 20 'C)	IS 3025 (Part 44)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Boron (as B)	APHA 23rd Edition, 3120 B, Pg. no. 3-42
22	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Cadmium (as Cd)	APHA 23rd Edition, 3120 B, Pg. no. 3-42
23	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Chemical Oxygen Demand (COD)	APHA 23rd Edition, 5220 - C
24	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Chloride	APHA 23rd Edition 4500 Cl-, B
25	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Chloride	IS 3025 (Part 32)
26	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Cobalt (as Co)	APHA 23rd Edition, 3120 B, Pg. no. 3-42
27	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Conductivity	APHA 23rd Edition, 2510 B
28	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Conductivity	IS 3025 (Part 14)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Copper (as Cu)	APHA 23rd Edition, 3120 B, Pg. no. 3-42
30	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Dissolved Oxygen	APHA 23rd Edition, 4500-O, C
31	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Dissolved Oxygen	IS 3025 (Part 38)
32	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Iron (as Fe)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
33	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Iron (as Fe)	APHA 23rd Edition, 3500-Fe, B
34	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Iron (as Fe)	IS 3025 (Part 53)
35	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Lead (as Pb)	APHA 23rd Edition, 3120 B, Pg. no. 3-42
36	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Manganese (as Mn)	APHA 23rd Edition, 3120 B, Pg. no. 3-42
37	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Mercury (as Hg)	APHA 23rd Edition, 3120 B, Pg. no. 3-42

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10779 **Page No** 3 of 16

Validity 02/07/2022 to 01/07/2024 **Last Amended on** -

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38	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Nickle (as Ni)	APHA 23rd Edition, 3120 B, Pg. no.3-42
39	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Nitrate Nitrogen	APHA 23rd Edition, 4500 NO3-, B
40	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Nitrate Nitrogen	IS 3025 (Part 34)
41	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Nitrite Nitrogen	APHA 23rd Edition, 4500 NO2-, B
42	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Nitrite Nitrogen	IS 3025 (Part 34)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Nitrogen (Organic)	APHA 23rd Edition 4500 Norg-B
44	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Oil & Grease	APHA 23rd Edition, 5520-B
45	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Oil & Grease	IS 3025 (Part 39)
46	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Oil & Grease	IS 3025 (Part 39)
47	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	pH	APHA 23rd Edition, 4500 H+, B
48	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	pH	IS 3025 (Part 11)
49	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Phenol	APHA 23rd Edition, 5530 C
50	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Phenol	IS 3025 (Part 43)
51	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Phosphorus (as PO4 3-)	APHA 23rd Edition, 4500-P, C
52	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Phosphorus (as PO4 3-)	IS 3025 (Part 31)
53	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Potassium	APHA 23rd Edition, 3500-K, B
54	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Potassium	IS 3025 (Part 45)
55	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Potassium (as K)	APHA 23rd Edition, 3120-B, Pg. No.3-42
56	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Residual Chlorine	APHA 23rd Edition, 4500 Cl, B

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10779 **Page No** 4 of 16

Validity 02/07/2022 to 01/07/2024 **Last Amended on** -

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57	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Residual Chlorine	IS 3025 (Part 26)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Silver (as Ag)	APHA 23rd Edition, 3120 B, Pg no.3-42
59	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Sodium (as Na)	APHA 23rd Edition, 3120-B, Pg.no. 3-42
60	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Sodium (as Na)	APHA 23rd Edition, 3500-Na, B
61	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Sodium (as Na)	IS 3025 (Part 45)
62	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Sodium Adsorption Ratio (SAR)	IS 11624, Calculation Method
63	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Strontium (as Sr)	APHA 23rd Edition, 3120 B, Pg. no. 3-42
64	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Sulphate (as SO4)	APHA 23rd Edition, 4500 SO4 2-, E
65	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Sulphate (as SO4)	IS 3025 (Part 24) Gravimetric
66	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Sulphate (as SO4)	IS 3025 (Part 24) Spectrophotometric Method
67	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Sulphide	APHA 23rd Edition, 4500 S2-, F
68	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Sulphide	IS 3025 (Part 29)
69	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Sulphite	APHA 23rd Edition, S3 2-, B
70	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Sulphite	IS 3025 (Part 28)
71	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Total Chromium	APHA 23rd Edition, 3120-B, Pg. no.3-42
72	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Total Chromium	APHA 23rd Edition, 3500-Cr, B
73	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Total Chromium	IS 3025 (Part 52)
74	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Total Dissolved Solids (TDS)	APHA 23rd Edition, 2540-C
75	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Total Dissolved Solids (TDS)	IS 3025 (Part 16)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10779 **Page No** 5 of 16

Validity 02/07/2022 to 01/07/2024 **Last Amended on** -

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76	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Total Solids	APHA 23rd Edition, 2540 D,
77	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Total Solids	IS 3025 (Part 15)
78	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Total Suspended Solids (TSS)	APHA 23rd Edition, 2540 D
79	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Total Suspended Solids (TSS)	SI 3025 (Part 17)
80	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Turbidity	APHA 23rd Edition, 2130 B
81	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Turbidity	IS 3025 (Part 10)
82	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Zinc (as Zn)	APHA 23rd Edition, 3120 B, Pg. no. 3-42
83	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Fixed and Volatile Solids	APHA 23rd Edition, 2540 E
84	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Oil & Grease	APHA 23rd Edition, 5520 B,
85	CHEMICAL- RESIDUES IN WATER	Drinking Water	Aluminium (as Al)	APHA 23rd Edition, 3120-B, Pg.no.3-42
86	CHEMICAL- RESIDUES IN WATER	Drinking Water	Arsenic (as As)	APHA 23rd Edition, 3120-B, Pg.no.3-42
87	CHEMICAL- RESIDUES IN WATER	Drinking Water	Barium (as Ba)	APHA 23rd Edition, 3120-B, Pg.no. 3-42
88	CHEMICAL- RESIDUES IN WATER	Drinking Water	Boron (as B)	APHA 23rd Edition, 3120-B, Pg.no.3-42
89	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cadmium (as Cd)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
90	CHEMICAL- RESIDUES IN WATER	Drinking Water	Calcium (as Ca)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
91	CHEMICAL- RESIDUES IN WATER	Drinking Water	Chromium (as Cr)	APHA 23rd Edition, 3120-B, Pg.no. 3-42
92	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cobalt (as Co)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
93	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper (as Cu)	APHA 23rd Edition, 3120-B, Pg.no. 3-42
94	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron (as Fe)	APHA 23rd Edition, 3120-B, Pg.no.3-42

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10779 **Page No** 6 of 16

Validity 02/07/2022 to 01/07/2024 **Last Amended on** -

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95	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead (as Pb)	APHA 23rd Edition, 3120-B, 3-42
96	CHEMICAL- RESIDUES IN WATER	Drinking Water	Magnesium (as Mg)	APHA 23rd Edition, 3120-B, Pg.no.3-42
97	CHEMICAL- RESIDUES IN WATER	Drinking Water	Manganese (as Mn)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
98	CHEMICAL- RESIDUES IN WATER	Drinking Water	Mercury (as Hg)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
99	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickle (as Ni)	APHA 23rd Edition, 3120-B, Pg.no. 3-42
100	CHEMICAL- RESIDUES IN WATER	Drinking Water	Potassium (as K)	APHA 23rd Edition, 3120-B, Pg.no.3-42
101	CHEMICAL- RESIDUES IN WATER	Drinking Water	Silver (as Ag)	APHA 23rd Edition, 3120 B, Pg. no. 3-42
102	CHEMICAL- RESIDUES IN WATER	Drinking Water	Sodium (as Na)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
103	CHEMICAL- RESIDUES IN WATER	Drinking Water	Strontium (as Sr)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
104	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc (as Zn)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
105	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Aluminum (as Al)	APHA 23rd Edition, 3120 B, Pg.no.3-42
106	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Arsenic (as As)	APHA 23rd Edition, 3120B, Pg.No.3-42
107	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Barium (as Ba)	APHA 23rd Edition, 3120B, Pg. no. 3-42
108	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Boron (as B)	APHA 23rd Edition, 3120 B, Pg.no. 3-42
109	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Cadmium (as Cd)	APHA 23rd Edition, 3120-B, Pg.no. 3-42
110	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Chromium (as Cr)	APHA 23rd Edition, 3120-B, Pg.no. 3-42
111	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Cobalt (as Co)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
112	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Copper (as Cu)	APHA 23rd Edition, 3120-B, Pg.no.3-42
113	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Iron (as Fe)	APHA 23rd Edition, 3120-B, Pg. no. 3-42

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10779 **Page No** 7 of 16

Validity 02/07/2022 to 01/07/2024 **Last Amended on** -

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114	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Lead (as Pb)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
115	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Manganese (as Mn)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
116	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Mercury (as Hg)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
117	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Nickle (as Ni)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
118	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Potassium (as K)	APHA 23rd Edition, 3120-B, Pg. no. 3-28
119	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Silver (as Ag)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
120	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Sodium (as Na)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
121	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Strontium (as Sr)	APHA 23rd Edition, 3120-B, Pg.no.3-42
122	CHEMICAL- RESIDUES IN WATER	Effluent/Sewage	Zinc (as Zn)	APHA 23rd Edition, 3120-B, Pg.no. 3-42
123	CHEMICAL- RESIDUES IN WATER	Ground Water	Aluminum (as Al)	APHA 23rd Edition, 3120-B, Pg. no.3-42
124	CHEMICAL- RESIDUES IN WATER	Ground Water	Arsenic (as As)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
125	CHEMICAL- RESIDUES IN WATER	Ground Water	Barium (as Ba)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
126	CHEMICAL- RESIDUES IN WATER	Ground Water	Boron (as B)	APHA 23rd Edition, 3120-B, Pg.no.3-42
127	CHEMICAL- RESIDUES IN WATER	Ground Water	Cadmium (as Cd)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
128	CHEMICAL- RESIDUES IN WATER	Ground Water	Calcium (as Ca)	APHA 23rd Edition, 3120-B, Pg.no.3-42
129	CHEMICAL- RESIDUES IN WATER	Ground Water	Chromium (as Cr)	APHA 23rd Edition, 3120-B, Pg.no.3-42
130	CHEMICAL- RESIDUES IN WATER	Ground Water	Cobalt (as Co)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
131	CHEMICAL- RESIDUES IN WATER	Ground Water	Copper (as Cu)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
132	CHEMICAL- RESIDUES IN WATER	Ground Water	Iron (as Fe)	APHA 23rd Edition, 3120-B, Pg. no. 3-42

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10779 **Page No** 8 of 16

Validity 02/07/2022 to 01/07/2024 **Last Amended on** -

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133	CHEMICAL- RESIDUES IN WATER	Ground Water	Lead (as Pb)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
134	CHEMICAL- RESIDUES IN WATER	Ground Water	Magnesium (as Mg)	APHA 23rd Edition, 3120-B, Pg.no.3-42
135	CHEMICAL- RESIDUES IN WATER	Ground Water	Manganese (as Mn)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
136	CHEMICAL- RESIDUES IN WATER	Ground Water	Mercury (as Hg)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
137	CHEMICAL- RESIDUES IN WATER	Ground Water	Nickel (as Ni)	APHA 23rd Edition, 3120-B, Pg. no.3-42
138	CHEMICAL- RESIDUES IN WATER	Ground Water	Potassium (as K)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
139	CHEMICAL- RESIDUES IN WATER	Ground Water	Silver (as Ag)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
140	CHEMICAL- RESIDUES IN WATER	Ground Water	Sodium (as Na)	APHA 23rd Edition, 3120-B, Pg.no.3-42
141	CHEMICAL- RESIDUES IN WATER	Ground Water	Strontium (as Sr)	APHA 23rd Edition, 3120-B, Pg.no.3-42
142	CHEMICAL- RESIDUES IN WATER	Ground Water	Zinc (as Zn)	APHA 23rd Edition, 3120-B, Pg.no.3-42
143	CHEMICAL- RESIDUES IN WATER	Surface Water	Aluminum (as Al)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
144	CHEMICAL- RESIDUES IN WATER	Surface Water	Arsenic (as As)	APHA 23rd Edition, 3120-B, Pg.no.3-42
145	CHEMICAL- RESIDUES IN WATER	Surface Water	Barium (as Ba)	APHA 23rd Edition, 3120-B, Pg. no.3-42
146	CHEMICAL- RESIDUES IN WATER	Surface Water	Boron (as B)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
147	CHEMICAL- RESIDUES IN WATER	Surface Water	Cadmium (as Cd)	APHA 23rd Edition, 3120-B, Pg. no.3-42
148	CHEMICAL- RESIDUES IN WATER	Surface Water	Calcium (as Ca)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
149	CHEMICAL- RESIDUES IN WATER	Surface Water	Chromium (as Cr)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
150	CHEMICAL- RESIDUES IN WATER	Surface Water	Cobalt (as Co)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
151	CHEMICAL- RESIDUES IN WATER	Surface Water	Copper (as Cu)	APHA 23rd Edition, 3120-B, Pg. no. 3-42

SCOPE OF ACCREDITATION

Laboratory Name : ROYAL ENVIRONMENT AUDITING & CONSULTANCY SERVICE (LABORATORY DIVISION), PLOT NO. 19/20, MASOOM SCHOOL ROAD, MOTA MAUVA, RAJKOT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10779 **Page No** 9 of 16

Validity 02/07/2022 to 01/07/2024 **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
152	CHEMICAL- RESIDUES IN WATER	Surface Water	Iron (as Fe)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
153	CHEMICAL- RESIDUES IN WATER	Surface Water	Lead (as Pb)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
154	CHEMICAL- RESIDUES IN WATER	Surface Water	Magnesium (as Mg)	APHA 23rd Edition, 3120-B, Pg. no.3-42
155	CHEMICAL- RESIDUES IN WATER	Surface Water	Manganese (as Mn)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
156	CHEMICAL- RESIDUES IN WATER	Surface Water	Mercury (as Hg)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
157	CHEMICAL- RESIDUES IN WATER	Surface Water	Nickel (as Ni)	APHA 23rd Edition, 3120-B, Pg.no.3-42
158	CHEMICAL- RESIDUES IN WATER	Surface Water	Potassium (as K)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
159	CHEMICAL- RESIDUES IN WATER	Surface Water	Silver (as Ag)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
160	CHEMICAL- RESIDUES IN WATER	Surface Water	Sodium (as Na)	APHA 23rd Edition, 3120-B, Pg. no. 3-42
161	CHEMICAL- RESIDUES IN WATER	Surface Water	Strontium (as Sr)	APHA 23rd Edition, 3120-B, Pg.no.3-42
162	CHEMICAL- RESIDUES IN WATER	Surface Water	Zinc (as Zn)	APHA 23rd Edition, 3120-B, Pg.no.3-42
163	CHEMICAL- WATER	Drinking Water	Acidity	APHA 23rd Edition, 2310 B
164	CHEMICAL- WATER	Drinking Water	Acidity	IS 3025 (Part 22)
165	CHEMICAL- WATER	Drinking Water	Alkalinity	APHA 23rd Edition, 2320 B
166	CHEMICAL- WATER	Drinking Water	Alkalinity	IS 3025 (Part 23)
167	CHEMICAL- WATER	Drinking Water	Chloride	APHA 23rd Edition, 4500 Cl-, B
168	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32)
169	CHEMICAL- WATER	Drinking Water	Color	APHA 23rd Edition, 2120 B
170	CHEMICAL- WATER	Drinking Water	Color	IS 3025(Part 4)
171	CHEMICAL- WATER	Drinking Water	Electric Conductivity	APHA 23rd Edition, 2510 B
172	CHEMICAL- WATER	Drinking Water	Electric Conductivity	IS 3025 (Part 14)
173	CHEMICAL- WATER	Drinking Water	Fluoride	APHA 23rd Edition, 4500 F-, D
174	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025 (Part 60)
175	CHEMICAL- WATER	Drinking Water	Hardness as Calcium	APHA 23rd Edition, 3500-Ca, B

SCOPE OF ACCREDITATION

Laboratory Name : ROYAL ENVIRONMENT AUDITING & CONSULTANCY SERVICE (LABORATORY DIVISION), PLOT NO. 19/20, MASOOM SCHOOL ROAD, MOTA MAUVA, RAJKOT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10779 **Page No** 10 of 16

Validity 02/07/2022 to 01/07/2024 **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
176	CHEMICAL- WATER	Drinking Water	Hardness as Calcium	IS 3025 (Part 40)
177	CHEMICAL- WATER	Drinking Water	Hardness as Magnesium	APHA 23rd Edition, 3500-Mg, B
178	CHEMICAL- WATER	Drinking Water	Hardness as Magnesium	IS 3025 (Part 46)
179	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	APHA 23rd Edition, 3500-Fe, B
180	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	IS 3025 (Part 53)
181	CHEMICAL- WATER	Drinking Water	Nitrate Nitrogen	APHA 23rd Edition, 4500 NO3-, B
182	CHEMICAL- WATER	Drinking Water	Nitrate Nitrogen	IS 3025 (Part 34) Chromotropic Acid Method
183	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen	APHA 23rd Edition, 4500 NO2-, B
184	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen	IS 3025 (Part 34)
185	CHEMICAL- WATER	Drinking Water	Odour	APHA 23rd Edition, 2150 B
186	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition, 4500 H+, B
187	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
188	CHEMICAL- WATER	Drinking Water	Phenol	APHA 23rd Edition, 5530 C
189	CHEMICAL- WATER	Drinking Water	Phenol	IS 3025 (Part 43)
190	CHEMICAL- WATER	Drinking Water	Potassium	APHA 23rd Edition, 3500-K, B
191	CHEMICAL- WATER	Drinking Water	Potassium (as K)	IS 3025 (Part 45) Flame Photometer
192	CHEMICAL- WATER	Drinking Water	Residual Chlorine	APHA 23rd Edition, 4500 Cl, B
193	CHEMICAL- WATER	Drinking Water	Residual Chlorine	IS 3025 (Part 26)
194	CHEMICAL- WATER	Drinking Water	Sodium (as Na)	APHA 23rd Edition, 4500-Na, B
195	CHEMICAL- WATER	Drinking Water	Sodium (as Na)	IS 3025 (Part 45) Flame Photometer
196	CHEMICAL- WATER	Drinking Water	Sulphate (as SO4)	APHA 23rd Edition, 4500 SO4 2-, E
197	CHEMICAL- WATER	Drinking Water	Sulphate (as SO4)	IS 3025 (Part 24), Spectrophotometric Method
198	CHEMICAL- WATER	Drinking Water	Sulphide	APHA 23rd Edition, 4500 S2-, F
199	CHEMICAL- WATER	Drinking Water	Sulphide	IS 3025 (Part 29) Iodometric Method
200	CHEMICAL- WATER	Drinking Water	Sulphite	APHA 23rd Edition, 4500 SO3 2-, B

SCOPE OF ACCREDITATION

Laboratory Name : ROYAL ENVIRONMENT AUDITING & CONSULTANCY SERVICE (LABORATORY DIVISION), PLOT NO. 19/20, MASOOM SCHOOL ROAD, MOTA MAUVA, RAJKOT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10779 **Page No** 11 of 16

Validity 02/07/2022 to 01/07/2024 **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
201	CHEMICAL- WATER	Drinking Water	Sulphite	IS 3025 (Part 28) Iodometric Method
202	CHEMICAL- WATER	Drinking Water	Taste	APHA 23rd Edition, 2160 B
203	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 8)
204	CHEMICAL- WATER	Drinking Water	Total Chromium (as Cr)	APHA 23rd Edition, 3500-Cr, B Spectrophoto metric Method
205	CHEMICAL- WATER	Drinking Water	Total Chromium (as Cr)	IS 3025 (Part 52)
206	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	APHA 23rd Edition, 2540 C
207	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
208	CHEMICAL- WATER	Drinking Water	Total Hardness	APHA 23rd Edition, 2340-C
209	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 (Part 21)
210	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition, 2130 B
211	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
212	CHEMICAL- WATER	Ground Water	Acidity	APHA 23rd Edition, 2310 B
213	CHEMICAL- WATER	Ground Water	Acidity	IS 3025 (Part 22)
214	CHEMICAL- WATER	Ground Water	Alkalinity	APHA 23rd Edition, 2320 B,
215	CHEMICAL- WATER	Ground Water	Alkalinity	IS 3025 (Part 23)
216	CHEMICAL- WATER	Ground Water	Aluminum (as Al)	APHA 23rd Edition, 3120 B, Pg. no. 3-42
217	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen	APHA 23rd Edition, 4500-NH3, C
218	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen	IS 3025 (Part 34)
219	CHEMICAL- WATER	Ground Water	Arsenic (as As)	APHA 23rd Edition, 3120 B, Pg. no. 3-42
220	CHEMICAL- WATER	Ground Water	Barium (as Ba)	APHA 23rd Edition, 3120 B, Pg.no.3-42
221	CHEMICAL- WATER	Ground Water	BOD (3-day @ 27'C)	IS 3025 (Part 44)
222	CHEMICAL- WATER	Ground Water	BOD (5 day @ 20'C)	APHA 23rd Edition, 5210 B
223	CHEMICAL- WATER	Ground Water	BOD (5 day @ 20'C)	IS 3025 (Part 44)
224	CHEMICAL- WATER	Ground Water	Boron (as B)	APHA 23rd Edition, 3120 B, Pg. no. 3-42
225	CHEMICAL- WATER	Ground Water	Cadmium (as Cd)	APHA 23rd Edition, 3120 B, Pg. no. 3-42

SCOPE OF ACCREDITATION

Laboratory Name : ROYAL ENVIRONMENT AUDITING & CONSULTANCY SERVICE (LABORATORY DIVISION), PLOT NO. 19/20, MASOOM SCHOOL ROAD, MOTA MAUVA, RAJKOT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10779 **Page No** 12 of 16

Validity 02/07/2022 to 01/07/2024 **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
226	CHEMICAL- WATER	Ground water	Chemical Oxygen Demand (COD)	APHA 23rd Edition, 5220 C
227	CHEMICAL- WATER	Ground Water	Chloride	APHA 23rd Edition, 4500 Cl-
228	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 (Part 32)
229	CHEMICAL- WATER	Ground Water	Cobalt (as Co)	APHA 23rd Edition, 3120 B, Pg. no. 3-42
230	CHEMICAL- WATER	Ground Water	Copper (as Cu)	APHA 23rd Edition, 3120 B, Pg. no. 3-42
231	CHEMICAL- WATER	Ground Water	Dissolved Oxygen (DO)	APHA 23rd Edition, 4500-O, C
232	CHEMICAL- WATER	Ground Water	Dissolved Oxygen (DO)	IS 3025 (Part 38)
233	CHEMICAL- WATER	Ground Water	Electric Conductivity (EC)	APHA 23rd Edition, 2510 B
234	CHEMICAL- WATER	Ground Water	Electric Conductivity (EC)	IS 3025 (Part 14)
235	CHEMICAL- WATER	Ground Water	Fluoride (as F)	APHA 23rd Edition, 4500 F-, D
236	CHEMICAL- WATER	Ground Water	Hardness as Calcium	APHA 23rd Edition, 3500 Ca, B
237	CHEMICAL- WATER	Ground Water	Hardness as Calcium	IS 3025 (Part 40)
238	CHEMICAL- WATER	Ground Water	Hardness as Magnesium	APHA 23rd Edition, 3500 Mg, B
239	CHEMICAL- WATER	Ground Water	Hardness as Magnesium	IS 3025 (Part 46)
240	CHEMICAL- WATER	Ground Water	Iron (as Fe)	APHA 23rd Edition, 3500 Fe, B
241	CHEMICAL- WATER	Ground Water	Iron (as Fe)	IS 3025 (Part 53) Spectrophotometric Method
242	CHEMICAL- WATER	Ground Water	Nitrate Nitrogen	APHA 23rd Edition, 4500 NO3-, B
243	CHEMICAL- WATER	Ground Water	Nitrate Nitrogen	IS 3025 (Part 34) Chromotropic Acid Method
244	CHEMICAL- WATER	Ground Water	Nitrite Nitrogen	APHA 23rd Edition, 4500 NO2-, B
245	CHEMICAL- WATER	Ground Water	Nitrite Nitrogen	IS 3025 (Part 34)Spectrophotometric Method
246	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 23rd Edition, 5520 B,
247	CHEMICAL- WATER	Ground Water	Oil & Grease	IS 3025 (Part 39)
248	CHEMICAL- WATER	Ground Water	Organic Nitrogen	APHA 23rd Edition, 4500 Norg, B
249	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition, 4500 H+, B
250	CHEMICAL- WATER	Ground Water	pH	IS 3025 (part 11)

SCOPE OF ACCREDITATION

Laboratory Name : ROYAL ENVIRONMENT AUDITING & CONSULTANCY SERVICE (LABORATORY DIVISION), PLOT NO. 19/20, MASOOM SCHOOL ROAD, MOTA MAUVA, RAJKOT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10779 **Page No** 13 of 16

Validity 02/07/2022 to 01/07/2024 **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
251	CHEMICAL- WATER	Ground Water	Phenol	APHA 23rd Edition, 5530 C
252	CHEMICAL- WATER	Ground Water	Phenol	IS 3025 (Part 43)
253	CHEMICAL- WATER	Ground Water	Phosphorus (as PO4 3-)	APHA 23rd Edition, 4500-P, C
254	CHEMICAL- WATER	Ground Water	Phosphorus (as PO4 3-)	IS 3025 (Part 31)
255	CHEMICAL- WATER	Ground Water	Potassium (as K)	APHA 23rd Edition, 3500-K, B
256	CHEMICAL- WATER	Ground Water	Potassium (as K)	IS 3025 (Part 45)
257	CHEMICAL- WATER	Ground Water	Residual Chlorine	APHA 23rd Edition, 4500 Cl, B
258	CHEMICAL- WATER	Ground Water	Residual Chlorine	IS 3025 (Part 26)
259	CHEMICAL- WATER	Ground Water	Sodium (as Na)	APHA 23rd Edition, 3500-Na, B
260	CHEMICAL- WATER	Ground Water	Sodium (as Na)	IS 3025 (Part 45) Flame Photometer
261	CHEMICAL- WATER	Ground Water	Sulphate (as SO4)	APHA 23rd Edition, 4500 SO4 2-, E
262	CHEMICAL- WATER	Ground Water	Sulphate (as SO4)	IS 3025 (Part 24) Turbidity Method
263	CHEMICAL- WATER	Ground Water	Sulphate (as SO4)	IS 3025 (Part 29) Gravimetric Method
264	CHEMICAL- WATER	Ground Water	Sulphide (as S 2-)	APHA 23rd Edition, 4500 S-2, F
265	CHEMICAL- WATER	Ground Water	Sulphide (as S 2-)	IS 3025 (Part 29) Iodometric
266	CHEMICAL- WATER	Ground Water	Sulphite (as SO3 2-)	APHA 23rd Edition, 4500 SO3 2-, B
267	CHEMICAL- WATER	Ground Water	Sulphite (as SO3 2-)	IS 3025 (Part 28) Iodometric
268	CHEMICAL- WATER	Ground Water	Total Chromium (as Cr)	APHA 23rd Edition, 3500-Cr, B
269	CHEMICAL- WATER	Ground Water	Total Chromium (as Cr)	IS 3025 (Part 52) Spectrophotometric Method
270	CHEMICAL- WATER	Ground Water	Total Dissolved Solids (TDS)	APHA 23rd Edition, 2540 C
271	CHEMICAL- WATER	Ground Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
272	CHEMICAL- WATER	Ground Water	Total Hardness	APHA 23rd Edition, 2540 B,
273	CHEMICAL- WATER	Ground Water	Total Hardness	IS 3025 (Part 21)
274	CHEMICAL- WATER	Ground Water	Total Solids	APHA 23rd Edition, 2540 B
275	CHEMICAL- WATER	Ground Water	Total Solids	IS 3025 (Part 15)
276	CHEMICAL- WATER	Ground Water	Total Suspended Solids (TSS)	APHA 23rd Edition, 2540 D
277	CHEMICAL- WATER	Ground Water	Total Suspended Solids (TSS)	IS 3025 (Part 17)

SCOPE OF ACCREDITATION

Laboratory Name : ROYAL ENVIRONMENT AUDITING & CONSULTANCY SERVICE (LABORATORY DIVISION), PLOT NO. 19/20, MASOOM SCHOOL ROAD, MOTA MAUVA, RAJKOT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10779 **Page No** 14 of 16

Validity 02/07/2022 to 01/07/2024 **Last Amended on** -

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278	CHEMICAL- WATER	Ground Water	Turbidity	APHA 23rd Edition, 2130 B
279	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)
280	CHEMICAL- WATER	Surface Water	Acidity	APHA 23rd Edition, 2310 B
281	CHEMICAL- WATER	Surface Water	Acidity	IS 3025 (Part 22)
282	CHEMICAL- WATER	Surface Water	Alkalinity	APHA 23rd Edition, 2320 B
283	CHEMICAL- WATER	Surface Water	Alkalinity	IS 3025 (Part 23)
284	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen	APHA 23rd Edition, 4500-NH3, C
285	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen	IS 3025 (Part 34) Titrimetric Method
286	CHEMICAL- WATER	Surface Water	BOD (3 day @ 27'C)	IS 3025 (Part 44)
287	CHEMICAL- WATER	Surface Water	BOD (5 day @ 20'C)	APHA 23rd Edition, 5210 B
288	CHEMICAL- WATER	Surface Water	BOD (5 Day @ 20'C)	IS 3025 (Part 44)
289	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	APHA 23rd Edition, 5220 C
290	CHEMICAL- WATER	Surface Water	Chloride	APHA 23rd Edition, 4500 Cl-, B
291	CHEMICAL- WATER	Surface Water	Chloride	IS 3025 (Part 32)
292	CHEMICAL- WATER	Surface Water	Dissolved Oxygen (DO)	APHA 23rd Edition, 4500-O, C
293	CHEMICAL- WATER	Surface Water	Dissolved Oxygen (DO)	IS 3025 (Part 38)
294	CHEMICAL- WATER	Surface Water	Electric Conductivity (EC)	APHA 23rd Edition, 2510 B
295	CHEMICAL- WATER	Surface Water	Electric Conductivity (EC)	IS 3025 (Part 14)
296	CHEMICAL- WATER	Surface Water	Fluoride	APHA 23rd Edition, 4500 F-, D
297	CHEMICAL- WATER	Surface Water	Hardness as Calcium	APHA 23rd Edition, 3500 Ca, B
298	CHEMICAL- WATER	Surface Water	Hardness as Calcium	IS 3025 (Part 40)
299	CHEMICAL- WATER	Surface Water	Hardness as Magnesium	APHA 23rd Edition, 3500 Mg, B
300	CHEMICAL- WATER	Surface Water	Hardness as Magnesium	IS 3025 (Part 46)
301	CHEMICAL- WATER	Surface Water	Iron (as Fe)	APHA 23rd Edition, 3500-Fe, B
302	CHEMICAL- WATER	Surface Water	Iron (as Fe)	IS 3025 (Part 53) Spectrophotometric
303	CHEMICAL- WATER	Surface Water	Nitrate Nitrogen	APHA 23rd Edition, 4500 NO3-, B
304	CHEMICAL- WATER	Surface Water	Nitrate Nitrogen	IS 3025 (Part 34) Chromotropic Acid Method

SCOPE OF ACCREDITATION

Laboratory Name : ROYAL ENVIRONMENT AUDITING & CONSULTANCY SERVICE (LABORATORY DIVISION), PLOT NO. 19/20, MASOOM SCHOOL ROAD, MOTA MAUVA, RAJKOT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10779 **Page No** 15 of 16

Validity 02/07/2022 to 01/07/2024 **Last Amended on** -

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305	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen	APHA 23rd Edition, 4500 NO2-, B
306	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen	IS 30025 (Part 34) Spectrophotometric Method
307	CHEMICAL- WATER	Surface Water	Organic Nitrogen	APHA 23rd Edition, 4500 Norg, B
308	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition, 4500 H+, B
309	CHEMICAL- WATER	Surface Water	pH	IS 3025 (Part 11)
310	CHEMICAL- WATER	Surface Water	Phenol	IS 3025 (Part 43)
311	CHEMICAL- WATER	Surface Water	Phonol	APHA 23rd Edition, 5530-C,
312	CHEMICAL- WATER	Surface Water	Phosphorus (as PO4 3-)	APHA 23rd Edition, 4500-P, C
313	CHEMICAL- WATER	Surface Water	Phosphorus (as PO4 3-)	IS 3025 (Part 31)
314	CHEMICAL- WATER	Surface Water	Potassium (as K)	APHA 23rd Edition, 3500-K, B
315	CHEMICAL- WATER	Surface Water	Potassium (as K)	IS 3025 (Part 45) Flame Photometer
316	CHEMICAL- WATER	Surface Water	Residual Chlorine	APHA 23rd Edition, 4500 CL,B
317	CHEMICAL- WATER	Surface Water	Residual Chlorine	IS 3025 (Part 26)
318	CHEMICAL- WATER	Surface Water	Silver (as Ag)	APHA 23rd Edition, 3120 B, Pg. no.3-42
319	CHEMICAL- WATER	Surface Water	Sodium (as Na)	APHA 23rd Edition, 3120 B, Pg. no. 3-42
320	CHEMICAL- WATER	Surface Water	Sodium (as Na)	APHA 23rd Edition, 3500-Na, B
321	CHEMICAL- WATER	Surface Water	Sodium (as Na)	IS 3025 (Part 45) Flame Photometer
322	CHEMICAL- WATER	Surface Water	Strontium (as Sr)	APHA 23rd Edition, 3120 B, Pg. no.3-42
323	CHEMICAL- WATER	Surface Water	Sulphate (as SO4)	APHA 23rd Edition, 4500 SO4 -2, E
324	CHEMICAL- WATER	Surface Water	Sulphate (as SO4)	IS 3025 (Part 24) Gravimetric Method
325	CHEMICAL- WATER	Surface Water	Sulphate (as SO4)	IS 3025 (Part 24) Turbidity Method
326	CHEMICAL- WATER	Surface water	Sulphide (as S -2)	APHA 23rd Edition, 4500 S-2, F
327	CHEMICAL- WATER	Surface Water	Sulphide (as S -2)	IS 3025 (Part 29) Iodometric

SCOPE OF ACCREDITATION

Laboratory Name : ROYAL ENVIRONMENT AUDITING & CONSULTANCY SERVICE (LABORATORY DIVISION), PLOT NO. 19/20, MASOOM SCHOOL ROAD, MOTA MAUVA, RAJKOT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10779 **Page No** 16 of 16

Validity 02/07/2022 to 01/07/2024 **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
328	CHEMICAL- WATER	Surface Water	Sulphite (as SO3 -2)	APHA 23rd Edition, 4500 SO3 -2, B
329	CHEMICAL- WATER	Surface Water	Sulphite (as SO3 -2)	IS 3025 (Part 28) Iodometric Method
330	CHEMICAL- WATER	Surface Water	Total Chromium (as Cr)	APHA 23rd Edition, 3120 B, Pg. no. 3-42
331	CHEMICAL- WATER	Surface Water	Total Chromium (as Cr)	APHA 23rd Edition, 3500-Cr, B
332	CHEMICAL- WATER	Surface Water	Total Chromium (Cr)	IS 3025 (Part 52)
333	CHEMICAL- WATER	Surface Water	Total Dissolved Solids (TDS)	APHA 23rd Edition, 2540 C
334	CHEMICAL- WATER	Surface Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
335	CHEMICAL- WATER	Surface Water	Total Hardness	APHA 23rd Edition, 2340 C
336	CHEMICAL- WATER	Surface Water	Total Hardness	IS 3025 (Part 21)
337	CHEMICAL- WATER	Surface Water	Total Solids	APHA 23rd Edition, 2540 B
338	CHEMICAL- WATER	Surface Water	Total Solids	IS 3025 (Part 15)
339	CHEMICAL- WATER	Surface Water	Total Suspended Solids (TSS)	APHA 23rd Edition, 2540 D
340	CHEMICAL- WATER	Surface Water	Total Suspended Solids (TSS)	IS 3025 (Part 17)
341	CHEMICAL- WATER	Surface Water	Turbidity	APHA 23rd Edition, 2130 B
342	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)
343	CHEMICAL- WATER	Surface Water	Zinc (as Zn)	APHA 23rd Edition, 3120 B, Pg. no.3-42