National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QC LABORATORY - THE GREEN ENVIRONMENT SERVICES CO. OPERATIVE SOCIETY LIMITED, PLOT NO. 244-251, PHASE-II, GIDC INDUSTRIAL ESTATE, VATVA, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7814 **Page No** 1 of 5

Validity 22/09/2022 to 21/09/2024 **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- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Acidity	APHA 2310 B 23rd Edition
2	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Acidity	IS 3025 Part 22
3	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Alkalinity	APHA 23rd Edition 2320 B
4	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Alkalinity	IS 3025 Part 23
5	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Ammonical Nitrogen	APHA 23rd Edition 4500 NH3 C
6	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Ammonical Nitrogen	IS 3025 Part 34 2.1a
7	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Biochemical Oxygen Demand (BOD) @ 20°C for 5 Days	APHA 23rd Edition 5210 B
8	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Biochemical Oxygen Demand (BOD) @ 27°C for 3 Days	IS 3025 Part 44
9	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Chemical Oxygen Demand (COD)	APHA 5220 B 23rd Edition
10	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Chemical Oxygen Demand (COD)	IS 3025 Part 58
11	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Chlorides	APHA 23rd Edition 4500 Cl, B
12	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Chlorides	IS 3025, Part 32-2
13	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Oil and Grease	APHA 23rd Edition 5520 B
14	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Oil and Grease	IS 3025 Part 39 1.1 a
15	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	pH	APHA 23rd Edition 4500 H+ B
16	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	pH	IS 3025 Part 11
17	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Sulphates	APHA 23rd Edition 4500 SO4 E
18	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Sulphates	IS 3025 Part 24 1.1 (III)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7814 **Page No** 2 of 5

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Temperature	APHA 23rd Edition 2550 B
20	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Temperature	IS 3025 Part 9 2.1
21	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Total Dissolve Solids (TDS)	APHA 23rd Edition 2540 C
22	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Total Dissolve Solids (TDS)	IS 3025 Part 16
23	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Total Organic Carbon (TOC)	APHA 23rd Edition 5310 B
24	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Total Suspended Solids (TSS)	APHA 23 rd Edition 2540 D
25	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Waste Water / Treated or Untreated Effluent Water	Total Suspended Solids (TSS)	IS 3025 Part 17
26	CHEMICAL- WATER	Drinking water	Acidity	APHA 23rd Edition 2310 B
27	CHEMICAL- WATER	Drinking water	Acidity	IS 3025 Part 22
28	CHEMICAL- WATER	Drinking water	Alkalinity	APHA 23rd Edition 2320 B
29	CHEMICAL- WATER	Drinking water	Alkalinity	IS 3025 Part 23
30	CHEMICAL- WATER	Drinking water	Ammonical Nitrogen	APHA 23rd Edition 4500 NH3 C
31	CHEMICAL- WATER	Drinking water	Ammonical Nitrogen	IS 3023 Part 34 2.1a
32	CHEMICAL- WATER	Drinking water	Biochemical Oxygen Demand (BOD) @ 20°C for 5 Days	APHA 23rd Edition 5210 B
33	CHEMICAL- WATER	Drinking water	Biochemical Oxygen Demand (BOD) @ 27°C for 3 Days	IS 3025 Part 44
34	CHEMICAL- WATER	Drinking water	Chemical Oxygen Demand (COD)	APHA 23rd Edition 5220 B
35	CHEMICAL- WATER	Drinking water	Chemical Oxygen Demand (COD)	IS 3025 Part 58
36	CHEMICAL- WATER	Drinking Water	Chlorides	APHA 23rd Edition 4500 Cl- B
37	CHEMICAL- WATER	Drinking water	Chlorides	IS 3025 Part 32-2
38	CHEMICAL- WATER	Drinking water	Oil and Grease	APHA 23rd Edition 5220 B
39	CHEMICAL- WATER	Drinking water	Oil and Grease	IS 3025 Part 39 1.1a
40	CHEMICAL- WATER	Drinking water	pH	APHA 23rd Edition 4500 H+ B
41	CHEMICAL- WATER	Drinking water	pH	IS 3025 Part 11
42	CHEMICAL- WATER	Drinking water	Sulphate	APHA 23rd Edition 4500 SO4 E

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Certificate Number TC-7814 **Page No** 3 of 5

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43	CHEMICAL- WATER	Drinking water	Sulphate	IS 3025 Part 24 1.1 (III)
44	CHEMICAL- WATER	Drinking Water	Temperature	APHA 23rd Edition 2550 B
45	CHEMICAL- WATER	Drinking water	Temperature	IS 3025 Part 9 2.1
46	CHEMICAL- WATER	Drinking water	Total Dissolved Solids (TDS)	IS 3025 Part 16
47	CHEMICAL- WATER	Drinking water	Total Dissoved Solids (TDS)	APHA 23rd Edition 2540 C
48	CHEMICAL- WATER	Drinking water	Total Organic Carbon (TOC)	APHA 23rd Edition 5310 B
49	CHEMICAL- WATER	Drinking water	Total Suspended Solids (TSS)	APHA 23rd Edition 2540 D
50	CHEMICAL- WATER	Drinking water	Total Suspended Solids (TSS)	IS 3025 Part 17
51	CHEMICAL- WATER	Ground Water (Bore Well Water)	Acidity	APHA 23rd Edition 2310 B
52	CHEMICAL- WATER	Ground Water (Bore Well Water)	Acidity	IS 3025 Part 22
53	CHEMICAL- WATER	Ground Water (Bore Well Water)	Alkalinity	APHA 23rd Edition 2320 B
54	CHEMICAL- WATER	Ground Water (Bore Well Water)	Alkalinity	IS 3025 Part 23
55	CHEMICAL- WATER	Ground Water (Bore Well Water)	Ammonical Nitrogen	APHA 23rd Edition 4500 NH3 C
56	CHEMICAL- WATER	Ground Water (Bore Well Water)	Ammonical Nitrogen	IS 3025 Part 34 2.1a
57	CHEMICAL- WATER	Ground Water (Bore Well Water)	Biochemical Oxygen Demand (BOD) @ 20°C for 5 Days	APHA 23rd Edition 5210 B
58	CHEMICAL- WATER	Ground Water (Bore Well Water)	Biochemical Oxygen Demand (BOD) @ 27°C for 3 Days	IS 3025 Part 44
59	CHEMICAL- WATER	Ground Water (Bore Well Water)	Chemical Oxygen Demand (COD)	APHA 23rd Edition 5220 B
60	CHEMICAL- WATER	Ground Water (Bore Well Water)	Chemical Oxygen Demand (COD)	IS 3025 Part 58
61	CHEMICAL- WATER	Ground Water (Bore Well Water)	Chlorides	APHA 23rd Edition 4500 Cl B
62	CHEMICAL- WATER	Ground Water (Bore Well Water)	Chlorides	IS 3025 Part 32-2
63	CHEMICAL- WATER	Ground Water (Bore Well Water)	Oil & Grease	APHA 23rd Edition 5520 B
64	CHEMICAL- WATER	Ground Water (Bore Well Water)	Oil & Grease	IS 3025 Part 39 1.1 a
65	CHEMICAL- WATER	Ground Water (Bore Well Water)	pH	APHA 23rd Edition 4500 H+ B
66	CHEMICAL- WATER	Ground Water (Bore Well Water)	pH	IS 3025 Part 11
67	CHEMICAL- WATER	Ground Water (Bore Well Water)	Sulphates	APHA 23rd Edition 4500 SO4 E
68	CHEMICAL- WATER	Ground Water (Bore Well Water)	Sulphates	IS 3025 Part 24 1.1 (III)
69	CHEMICAL- WATER	Ground Water (Bore Well Water)	Temperature	APHA 23rd Edition 2550 B
70	CHEMICAL- WATER	Ground Water (Bore Well Water)	Temperature	IS 3025 Part 9 2.1

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Certificate Number TC-7814 **Page No** 4 of 5

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71	CHEMICAL- WATER	Ground Water (Bore Well Water)	Total Dissolve Solids (TDS)	APHA 23rd Edition 2540 C
72	CHEMICAL- WATER	Ground Water (Bore Well Water)	Total Dissolve Solids (TDS)	IS 3025 Part 16
73	CHEMICAL- WATER	Ground Water (Bore Well Water)	Total Organic Carbon (TOC)	APHA 23rd Edition 5310 B
74	CHEMICAL- WATER	Ground Water (Bore Well Water)	Total Suspended Solids (TSS)	APHA 23rd Edition 2540 D
75	CHEMICAL- WATER	Ground Water (Bore Well Water)	Total Suspended Solids (TSS)	IS 3025 Part 17
76	CHEMICAL- WATER	Surface water	Acidity	APHA 23rd Edition 2310 B
77	CHEMICAL- WATER	Surface water	Acidity	IS 3025 Part 22
78	CHEMICAL- WATER	Surface water	Alkalinity	APHA 23rd Edition 2320 B
79	CHEMICAL- WATER	Surface water	Alkalinity	IS 3025 Part 23
80	CHEMICAL- WATER	Surface water	Ammonical Nitrogen	APHA 23rd Edition 4500 NH3-C
81	CHEMICAL- WATER	Surface water	Ammonical Nitrogen	IS 3025 Part 34 2.1 a
82	CHEMICAL- WATER	Surface water	Biochemical Oxygen Demand (BOD) @ 20°C for 5 Days	APHA 23rd Edition 5210 B
83	CHEMICAL- WATER	Surface water	Biochemical Oxygen Demand (BOD) @ 27°C for 3 Days	IS 3025 Part 44
84	CHEMICAL- WATER	Surface water	Chemical Oxygen Demand (COD)	APHA 23rd Edition 5220 B
85	CHEMICAL- WATER	Surface water	Chemical Oxygen Demand (COD)	IS 3025 Part 58
86	CHEMICAL- WATER	Surface water	Chlorides	APHA 23rd Edition 4500 Cl- B
87	CHEMICAL- WATER	Surface water	Chlorides	IS 3025 Part 32-2
88	CHEMICAL- WATER	Surface water	Oil and Grease	APHA 23rd Edition 5520 B
89	CHEMICAL- WATER	Surface water	Oil and Grease	IS 3025 Part 39 1.1 a
90	CHEMICAL- WATER	Surface water	pH	APHA 23rd Edition 4500 H+ B
91	CHEMICAL- WATER	Surface water	pH	IS 3025 Part 11
92	CHEMICAL- WATER	Surface water	Sulphates	APHA 23rd Edition 4500 SO4 E
93	CHEMICAL- WATER	Surface water	Sulphates	IS 3025 Part 24 1.1 (III)
94	CHEMICAL- WATER	Surface water	Temperature	APHA 23rd Edition 2550 B
95	CHEMICAL- WATER	Surface water	Temperature	IS 3025 Part 9 2.1
96	CHEMICAL- WATER	Surface water	Total Dissolved Solids (TDS)	APHA 23rd Edition 2540 C
97	CHEMICAL- WATER	Surface water	Total Dissolved Solids (TDS)	IS 3025 Part 16
98	CHEMICAL- WATER	Surface water	Total Organic Carbon (TOC)	APHA 23rd Edition 5310 B

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99	CHEMICAL- WATER	Surface water	Total Suspended Solids (TSS)	APHA 23rd Edition 2540 D
100	CHEMICAL- WATER	Surface water	Total Suspended Solids (TSS)	IS 3025 Part 17