SCOPE OF ACCREDITATION

Laboratory Name : ECO-CLEAN CONSULTING SERVICES, 20-21, SECOND FLOOR, SURAT NAVSARI MAIN ROAD, BHESTAN CHAR RASTA, BHESTAN, SURAT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 24/12/2022 to 23/12/2024 **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	Air, Gas & Atmosphere	NOx	IS: 5182 (Part -VI)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Air, Gas & Atmosphere	P.M 2.5	IS:5182 (Part 24)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Air, Gas & Atmosphere	RSPM (PM10)	IS: 5182 (Part - XXIII)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Air, Gas, & Atmosphere	Sulphur Dioxide	IS: 5182 (Part - 2)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Nitrogen Dioxide	IS:11255 (Part-7)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	PM	IS: 11255 (Part 1)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide	IS: 11255 (Part–2)
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Acidity	APHA (23rd Ed.) 2310-B Standard Method (2-34) Titration Method
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen	APHA (23rd Ed.) 4500 NH3-B & C Standard Method(4-114,115,116) Titrimetric Method
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biological Oxygen Demand (3 Days @27°C)	IS:3025 (P-44)
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	IS 3025 Part 58: 2006
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride	APHA (23rd Ed.) 4500Cl-B Standard Method (4-75) Argentometric method
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Color	APHA (23rd Ed.) 2120- C Standard Method (2-7) Spectrometric Single wavelength method
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Conductivity	APHA(23rd Ed.) 2510-B Standard Method (2-58)
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA (23rd Ed.) 4500O-C Standard Method Azide Modification (4-146, 149) Membrane Electrod Method

SCOPE OF ACCREDITATION

Laboratory Name : ECO-CLEAN CONSULTING SERVICES, 20-21, SECOND FLOOR, SURAT NAVSARI MAIN ROAD, BHESTAN CHAR RASTA, BHESTAN, SURAT, GUJARAT, INDIA

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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
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexavalent Chromium	APHA (23rd Ed.) 3500Cr- B Standard Method (3-71) Colorimetric Method
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA(23rd Ed.) 5520 B Standard Method (5-42) Liquid-Liquid Partition Gravimetric Method
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA (23rd Ed.)4500-H+- Standard Method (4-95) Electrometric Method
19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	pH Value	IS:3025 (Part–11)
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Phenol Compound	APHA (23rd Ed.) 5530 D Standard Method (5-52) Direct Photometric Method
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Potassium	APHA (23rd Ed.) 3500K-B Standard Method (3-89) Flame Photometric Method
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sodium	APHA(23rd Ed.) 3500Na-BStandard Method(3-99) Flame Emission Photometric Method
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate	APHA (23rd Ed.) 4500 SO4-E Standard Method (4-199) Turbidimetric Method
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphide	APHA (23rd Ed.) 4500 S2- F Standard Method (4-187) Iodometric Method
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	APHA (23rd Ed.) 2550-B Standard Method (2-74)
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	IS: 3025(Part–9)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Alkalinity	APHA (23rd Ed.) 2320-B Standard Method (2-37) Titration Method
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA (23rd Ed.) 2540-C Standard Method (2-69)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	APHA (23rd Ed.) 2540-B Standard Method (2-68)
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA (23rd Ed.) 2540-D Standard Method (2-70)

SCOPE OF ACCREDITATION

Laboratory Name : ECO-CLEAN CONSULTING SERVICES, 20-21, SECOND FLOOR, SURAT NAVSARI MAIN ROAD, BHESTAN CHAR RASTA, BHESTAN, SURAT, GUJARAT, INDIA

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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
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Volatile and Fixed Residue	APHA (23rd Ed.) 2540-E Standard Method (2-71)
32	CHEMICAL- WATER	Drinking Water	Acidity as CaCO3	APHA(23rd Ed.) 2310 B Standard Method (2-34) Titration Method
33	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen	APHA(23rd Ed.) 4500-NH3 B&C Standard Method (4-114,115,116) Titrimetric Method
34	CHEMICAL- WATER	Drinking Water	Biological Oxygen Demand (3 days @ 27°C)	IS:3025 (Part 44)
35	CHEMICAL- WATER	Drinking Water	Calcium Hardness as CaCO3	APHA(23rd Ed.) 3500-Ca B Standard Method (3-69) EDTA Titrimetric Method
36	CHEMICAL- WATER	Drinking Water	Chemical Oxygen Demand	IS 3025 Part 58
37	CHEMICAL- WATER	Drinking Water	Chloride	APHA(23rd Ed.) 4500-Cl B Standard Method (4-75) Argentometric Method
38	CHEMICAL- WATER	Drinking Water	Conductivity at 25 Deg.C	APHA(23rd Ed.) 2510 B Standard Method (2-58)
39	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	APHA(23rd Ed.) 4500-O C&G Standard Method Azide Modification, Membrane Electrod (4-146, 149)
40	CHEMICAL- WATER	Drinking Water	Hexavalent Chromium	APHA (23rd Ed.) 3500-Cr B Standard Method (3-71) Colorimetric Method
41	CHEMICAL- WATER	Drinking Water	Magnesium as CaCO3	APHA(23rd Ed.) 3500-Mg B Standard Method (3-86) Calculation Method
42	CHEMICAL- WATER	Drinking Water	Nitrate Nitrogen	APHA (23rd Ed.) 4500-NO3 E Standard Method (4-131) Cadmium Reduction Method
43	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen	APHA (23rd Ed.) 4500-NO2 B Standard Method (4-124) Colorimetric Method
44	CHEMICAL- WATER	Drinking Water	pH	IS:3025 (Part 11)
45	CHEMICAL- WATER	Drinking Water	Potassium	APHA(23rd Ed.) 3500-K B Standard Method (3-89) Flame Photometric Method

SCOPE OF ACCREDITATION

Laboratory Name : ECO-CLEAN CONSULTING SERVICES, 20-21, SECOND FLOOR, SURAT NAVSARI MAIN ROAD, BHESTAN CHAR RASTA, BHESTAN, SURAT, GUJARAT, INDIA

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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	Drinking Water	Residual Chlorine	APHA(23rd Ed.) 4500-Cl B&C Standard Method (4-63,64,65) Iodometric Method
47	CHEMICAL- WATER	Drinking Water	Sodium	APHA(23rd Ed.) 3500-Na B Standard Method (3-99) Flame Emission Photometric Method
48	CHEMICAL- WATER	Drinking Water	Sulphate	APHA(23rd Ed.) 4500-SO4 E Standard Method (4-199) Turbidimetric Method
49	CHEMICAL- WATER	Drinking Water	Total Alkalinity	APHA(23rd Ed.) 2320 B Standard Method (2-37) Titration Method
50	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA (23rd Ed.) 2540 C Standard Method (2-69)
51	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA(23rd Ed.) 2340 C Standard Method (2-48) EDTA Titrimetric Method
52	CHEMICAL- WATER	Drinking Water	Total Solids	APHA(23rd Ed.) 2540 B Standard Method (2-68)
53	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	APHA(23rd Ed.) 2540 D Standard Method (2-70)
54	CHEMICAL- WATER	Drinking Water	Turbidity	APHA(23rd Ed.) 2130 B Standard Method (2-13) Nephelometric Method
55	CHEMICAL- WATER	Drinking Wtaer	Color	APHA(23rd Ed.) 2120 B Standard Method (2-7)
56	CHEMICAL- WATER	Ground Water	Acidity as CaCO3	APHA(23rd Ed.) 2310 B Standard Method (2-34) Titration Method
57	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen	APHA(23rd Ed.) 4500-NH3 B& C Standard Method (4-114,115,116) Titrimetric Method
58	CHEMICAL- WATER	Ground Water	Biological Oxygen Demand (3 days @ 27°C)	IS:3025 (Part 44)
59	CHEMICAL- WATER	Ground Water	Calcium as CaCO3	APHA(23rd Ed.) 3500-Ca B Standard Method (3-69) EDTA Titrimetric Method
60	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	IS 3025 Part 58: 2006

SCOPE OF ACCREDITATION

Laboratory Name : ECO-CLEAN CONSULTING SERVICES, 20-21, SECOND FLOOR, SURAT NAVSARI MAIN ROAD, BHESTAN CHAR RASTA, BHESTAN, SURAT, GUJARAT, INDIA

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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
61	CHEMICAL- WATER	Ground Water	Chloride	APHA(23rd Ed.) 4500-Cl B Standard Method (4-75) Argentometric Method
62	CHEMICAL- WATER	Ground Water	Color	APHA(23rd Ed.) 2120 B Standard Method (2-7)
63	CHEMICAL- WATER	Ground Water	Conductivity at 25 Deg.C	APHA(23rd Ed.) 2510 B Standard Method (2-58)
64	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	APHA(23rd Ed.) 4500-O C&G Standard Method Azide Modification, Membrane Electrod (4-146, 149)
65	CHEMICAL- WATER	Ground Water	Hexavalent Chromium	APHA (23rd Ed.) 3500-Cr B Standard Method (3-71) Colorimetric Method
66	CHEMICAL- WATER	Ground Water	Magnesium as CaCO3	APHA(23rd Ed.) 3500-Mg B Standard Method (3-86) Calculation Method
67	CHEMICAL- WATER	Ground Water	Nitrate Nitrogen	APHA (23rd Ed.) 4500-NO3 E Standard Method (4-131) Cadmium Reduction Method
68	CHEMICAL- WATER	Ground Water	Nitrite Nitrogen	APHA (23rd Ed.) 4500-NO2 B Standard Method (4-124) Colorimetric Method
69	CHEMICAL- WATER	Ground Water	pH	IS:3025 (Part 11)
70	CHEMICAL- WATER	Ground Water	Potassium	APHA(23rd Ed.) 3500-K B Standard Method (3-89) Flame Photometric Method
71	CHEMICAL- WATER	Ground Water	Sodium	APHA(23rd Ed.) 3500-Na B Standard Method (3-99) Flame Emission Photometric Method
72	CHEMICAL- WATER	Ground Water	Sulphate	APHA(23rd Ed.) 4500-SO4 E Standard Method (4-199) Turbidimetric Method
73	CHEMICAL- WATER	Ground Water	Temperature	IS: 3025 (Part 9)
74	CHEMICAL- WATER	Ground Water	Total Alkalinity	APHA(23rd Ed.) 2320 B Standard Method (2-37) Titration Method
75	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA (23rd Ed.) 2540 C Standard Method (2-69)

SCOPE OF ACCREDITATION

Laboratory Name :	ECO-CLEAN CONSULTING SERVICES, 20-21, SECOND FLOOR, SURAT NAVSARI MAIN ROAD, BHESTAN CHAR RASTA, BHESTAN, SURAT, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
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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
76	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA(23rd Ed.) 2340 C Standard Method (2-48) EDTA Titrimetric Method
77	CHEMICAL- WATER	Ground Water	Total Solids	APHA(23rd Ed.) 2540 B Standard Method (2-68)
78	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA(23rd Ed.) 2540 D Standard Method (2-70)
79	CHEMICAL- WATER	Ground Water	Turbidity	APHA(23rd Ed.) 2130 B Standard Method (2-13) Nephelometric Method
80	CHEMICAL- WATER	Industrial Raw Water	Nitrate Nitrogen	APHA (23rd Ed.) 4500-NO3 E Standard Method (4-131) Cadmium Reduction Method
81	CHEMICAL- WATER	Industrial Water	Acidity	APHA(23rd Ed.) 2310 B Standard Method (2-34) Titration Method
82	CHEMICAL- WATER	Industrial Water	Ammonical Nitrogen	APHA(23rd Ed.) 4500-NH3 B&C StandardMethod (4-114,115,116) Titrimetric Method
83	CHEMICAL- WATER	Industrial Water	Biological Oxygen Demand (3 days @ 27°C)	IS:3025 (Part 44)
84	CHEMICAL- WATER	Industrial Water	Calcium as CaCO3	APHA(23rd Ed.) 3500-Ca B Standard Method (3-69) EDTA Titrimetric Method
85	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand	IS 3025 Part 58: 2006
86	CHEMICAL- WATER	Industrial Water	Chloride	APHA(23rd Ed.) 4500-Cl B Standard Method (4-75) Argentometric Method
87	CHEMICAL- WATER	Industrial Water	Color	APHA(23rd Ed.) 2120 B Standard Method (2-7)
88	CHEMICAL- WATER	Industrial Water	Conductivity at 25 Deg.C	APHA(23rd Ed.) 2510 B Standard Method (2-58)
89	CHEMICAL- WATER	Industrial Water	Dissolved Oxygen	APHA(23rd Ed.) 4500-O C&G Standard Method Azide Modification, Membrane Electrod (4-146, 149)
90	CHEMICAL- WATER	Industrial Water	Hexavalent Chromium	APHA (23rd Ed.) 3500-Cr B Standard Method (3-71) Colorimetric Method

SCOPE OF ACCREDITATION

Laboratory Name : ECO-CLEAN CONSULTING SERVICES, 20-21, SECOND FLOOR, SURAT NAVSARI MAIN ROAD, BHESTAN CHAR RASTA, BHESTAN, SURAT, GUJARAT, INDIA

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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
91	CHEMICAL- WATER	Industrial Water	Magnesium as CaCO3	APHA(23rd Ed.) 3500-Mg B Standard Method (3-86) Calculation Method
92	CHEMICAL- WATER	Industrial Water	Nitrite Nitrogen	APHA (23rd Ed.) 4500-NO2 B Standard Method (4-124) Colorimetric Method
93	CHEMICAL- WATER	Industrial Water	pH	IS:3025 (Part 11)
94	CHEMICAL- WATER	Industrial Water	Potassium	APHA(23rd Ed.) 3500-K B Standard Method (3-89) Flame Photometric Method
95	CHEMICAL- WATER	Industrial Water	Residual Chlorine	APHA(23rd Ed.) 4500-Cl B&C Standard Method (4-63,64,65) Iodometric Method
96	CHEMICAL- WATER	Industrial Water	Sodium	APHA(23rd Ed.) 3500-Na B Standard Method (3-99) Flame Emission Photometric Method
97	CHEMICAL- WATER	Industrial Water	Sulphate	APHA(23rd Ed.) 4500-SO4 E Standard Method (4-199) Turbidimetric Method
98	CHEMICAL- WATER	Industrial Water	Temperature	IS: 3025 (Part 9)
99	CHEMICAL- WATER	Industrial Water	Total Alkalinity	APHA(23rd Ed.) 2320 B Standard Method (2-37) Titration Method
100	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	APHA (23rd Ed.) 2540 C Standard Method (2-69)
101	CHEMICAL- WATER	Industrial Water	Total Hardness as CaCO3	APHA(23rd Ed.) 2340 C Standard Method (2-48) EDTA Titrimetric Method
102	CHEMICAL- WATER	Industrial Water	Total Solids	APHA(23rd Ed.) 2540 B Standard Method (2-68)
103	CHEMICAL- WATER	Industrial Water	Total Suspended Solids	APHA(23rd Ed.) 2540 D Standard Method (2-70)
104	CHEMICAL- WATER	Industrial Water	Turbidity	APHA(23rd Ed.) 2130 B Standard Method (2-13) Nephelometric Method
105	CHEMICAL- WATER	Irriagation Water	Magnesium as CaCO3	APHA(23rd Ed.) 3500-Mg B Standard Method (3-86) Calculation Method

SCOPE OF ACCREDITATION

Laboratory Name : ECO-CLEAN CONSULTING SERVICES, 20-21, SECOND FLOOR, SURAT NAVSARI MAIN ROAD, BHESTAN CHAR RASTA, BHESTAN, SURAT, GUJARAT, INDIA

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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
106	CHEMICAL- WATER	Irrigation Water	Acidity	APHA(23rd Ed.) 2310 B Standard Method (2-34) Titration Method
107	CHEMICAL- WATER	Irrigation Water	Ammonical Nitrogen	APHA(23rd Ed.) 4500-NH3 B&C StandardMethod (4-114,115,116) Titrimetric Method
108	CHEMICAL- WATER	Irrigation Water	Biological Oxygen Demand (3 days @ 27°C)	IS:3025 (Part 44)
109	CHEMICAL- WATER	Irrigation Water	Calcium as CaCO3	APHA(23rd Ed.) 3500-Ca B Standard Method (3-69) EDTA Titrimetric Method
110	CHEMICAL- WATER	Irrigation Water	Chemical Oxygen Demand	IS 3025 Part 58
111	CHEMICAL- WATER	Irrigation Water	Chloride	APHA(23rd Ed.) 4500-Cl B Standard Method (4-75) Argentometric Method
112	CHEMICAL- WATER	Irrigation Water	Color	APHA(23rd Ed.) 2120 B Standard Method (2-7)
113	CHEMICAL- WATER	Irrigation Water	Conductivity at 25 Deg.C	APHA(23rd Ed.) 2510 B Standard Method (2-58)
114	CHEMICAL- WATER	Irrigation Water	Dissolved Oxygen	APHA(23rd Ed.) 4500-O C&G Standard Method Azide Modification, Membrane Electrod (4-146, 149)
115	CHEMICAL- WATER	Irrigation Water	Hexavalent Chromium	APHA (23rd Ed.) 3500-Cr B Standard Method (3-71) Colorimetric Method
116	CHEMICAL- WATER	Irrigation Water	Nitrate Nitrogen	APHA (23rd Ed.) 4500-NO3 E Standard Method (4-131) Cadmium Reduction Method
117	CHEMICAL- WATER	Irrigation Water	Nitrite Nitrogen	APHA (23rd Ed.) 4500-NO2 B Standard Method (4-124) Colorimetric Method
118	CHEMICAL- WATER	Irrigation Water	pH	IS:3025 (Part 11)
119	CHEMICAL- WATER	Irrigation Water	Potassium	APHA(23rd Ed.) 3500-K B Standard Method (3-89) Flame Photometric Method
120	CHEMICAL- WATER	Irrigation Water	Residual Chlorine	APHA(23rd Ed.) 4500-Cl B&C Standard Method (4-63,64,65) Iodometric Method

SCOPE OF ACCREDITATION

Laboratory Name :	ECO-CLEAN CONSULTING SERVICES, 20-21, SECOND FLOOR, SURAT NAVSARI MAIN ROAD, BHESTAN CHAR RASTA, BHESTAN, SURAT, GUJARAT, INDIA		
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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
121	CHEMICAL- WATER	Irrigation Water	Sodium	APHA(23rd Ed.) 3500-Na B Standard Method (3-99) Flame Emission Photometric Method
122	CHEMICAL- WATER	Irrigation Water	Sulphate	APHA(23rd Ed.) 4500-SO4 E Standard Method (4-199) Turbidimetric Method
123	CHEMICAL- WATER	Irrigation Water	Temperature	IS: 3025 (Part 9)
124	CHEMICAL- WATER	Irrigation Water	Total Alkalinity	APHA(23rd Ed.) 2320 B Standard Method (2-37) Titration Method
125	CHEMICAL- WATER	Irrigation Water	Total Dissolved Solids	APHA (23rd Ed.) 2540 C Standard Method (2-69)
126	CHEMICAL- WATER	Irrigation Water	Total Hardness as CaCO3	APHA(23rd Ed.) 2340 C Standard Method (2-48) EDTA Titrimetric Method
127	CHEMICAL- WATER	Irrigation Water	Total Solids	APHA(23rd Ed.) 2540 B Standard Method (2-68)
128	CHEMICAL- WATER	Irrigation Water	Total Suspended Solids	APHA(23rd Ed.) 2540 D Standard Method (2-70)
129	CHEMICAL- WATER	Irrigation Water	Turbidity	APHA(23rd Ed.) 2130 B Standard Method (2-13) Nephelometric Method
130	CHEMICAL- WATER	Packaged Drinking Water	Acidity	APHA(23rd Ed.) 2310-BStandard Method(2-34) Titration Method
131	CHEMICAL- WATER	Packaged Drinking Water	Ammonical Nitrogen	APHA(23rd Ed.) 4500-NH3 B&C StandardMethod (4-114,115,116) Titrimetric Method
132	CHEMICAL- WATER	Packaged Drinking Water	Biological Oxygen Demand (3 days @ 27°C)	IS:3025 (Part 44)
133	CHEMICAL- WATER	Packaged Drinking Water	Calcium as CaCO3	APHA(23rd Ed.) 3500-Ca B Standard Method (3-69) EDTA Titrimetric Method
134	CHEMICAL- WATER	Packaged Drinking Water	Chemical Oxygen Demand	IS 3025 Part 58
135	CHEMICAL- WATER	Packaged Drinking Water	Conductivity at 25 Deg.C	APHA(23rd Ed.) 2510 B Standard Method (2-58)

SCOPE OF ACCREDITATION

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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
136	CHEMICAL- WATER	Packaged Drinking Water	Dissolved Oxygen	APHA(23rd Ed.) 4500-O C&G Standard Method Azide Modification, Membrane Electrod (4-146, 149)
137	CHEMICAL- WATER	Packaged Drinking Water	Hexavalent Chromium	APHA (23rd Ed.) 3500-Cr B Standard Method (3-71) Colorimetric Method
138	CHEMICAL- WATER	Packaged Drinking Water	Magnesium as CaCO3	APHA(23rd Ed.) 3500-Mg B Standard Method (3-86) Calculation Method
139	CHEMICAL- WATER	Packaged Drinking Water	Nitrate Nitrogen	APHA (23rd Ed.) 4500-NO3 E Standard Method (4-131) Cadmium Reduction Method
140	CHEMICAL- WATER	Packaged Drinking Water	Nitrite Nitrogen	APHA (23rd Ed.) 4500-NO2 B Standard Method (4-124) Colorimetric Method
141	CHEMICAL- WATER	Packaged Drinking Water	pH	IS:3025 (Part 11)
142	CHEMICAL- WATER	Packaged Drinking Water	Potassium	APHA(23rd Ed.) 3500-K B Standard Method (3-89) Flame Photometric Method
143	CHEMICAL- WATER	Packaged Drinking Water	Residual Chlorine	APHA(23rd Ed.) 4500-Cl B&C Standard Method (4-63,64,65) Iodometric Method
144	CHEMICAL- WATER	Packaged Drinking Water	Sodium	APHA(23rd Ed.) 3500-Na B Standard Method (3-99) Flame Emission Photometric Method
145	CHEMICAL- WATER	Packaged Drinking Water	Sulphate	APHA(23rd Ed.) 4500-SO4 E Standard Method (4-199) Turbidimetric Method
146	CHEMICAL- WATER	Packaged Drinking Water	Temperature	IS: 3025 (Part 9)
147	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity	APHA(23rd Ed.) 2320 B Standard Method (2-37) Titration Method
148	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids	APHA (23rd Ed.) 2540 C Standard Method (2-69)
149	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness as CaCO3	APHA(23rd Ed.) 2340 C Standard Method (2-48) EDTA Titrimetric Method
150	CHEMICAL- WATER	Packaged Drinking Water	Total Solids	APHA(23rd Ed.) 2540 B Standard Method (2-68)

SCOPE OF ACCREDITATION

Laboratory Name : ECO-CLEAN CONSULTING SERVICES, 20-21, SECOND FLOOR, SURAT NAVSARI MAIN ROAD, BHESTAN CHAR RASTA, BHESTAN, SURAT, GUJARAT, INDIA

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Validity 24/12/2022 to 23/12/2024 **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
151	CHEMICAL- WATER	Packaged Drinking Water	Total Suspended Solids	APHA(23rd Ed.) 2540 D Standard Method (2-70)
152	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	APHA(23rd Ed.) 2130 B Standard Method (2-13) Nephelometric Method
153	CHEMICAL- WATER	Surface Water	Acidity	APHA(23rd Ed.) 2310-BStandard Method(2-34) Titration Method
154	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen	APHA(23rd Ed.) 4500-NH3 B& C Standard Method (4-114,115,116) Titrimetric Method
155	CHEMICAL- WATER	Surface Water	Biological Oxygen Demand (3 days @ 27°C)	IS:3025 (Part 44)
156	CHEMICAL- WATER	Surface water	Calcium as CaCO3	APHA(23rd Ed.) 3500-Ca B Standard Method (3-69) EDTA Titrimetric Method
157	CHEMICAL- WATER	Surface water	Chemical Oxygen Demand	IS 3025 Part 58: 2006
158	CHEMICAL- WATER	Surface Water	Chloride	APHA(23rd Ed.) 4500-Cl B Standard Method (4-75) Argentometric Method
159	CHEMICAL- WATER	Surface Water	Color	APHA(23rd Ed.) 2120 B Standard Method (2-7)
160	CHEMICAL- WATER	Surface Water	Conductivity at 25 Deg. C	APHA(23rd Ed.) 2510 B Standard Method (2-58)
161	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA(23rd Ed.) 4500-O C&G Standard Method Azide Modification, Membrane Electrod (4-146, 149)
162	CHEMICAL- WATER	Surface Water	Hexavalent Chromium	APHA (23rd Ed.) 3500-Cr B Standard Method (3-71) Colorimetric Method
163	CHEMICAL- WATER	Surface Water	Magnesium as CaCO3	APHA(23rd Ed.) 3500-Mg B Standard Method (3-86) Calculation Method
164	CHEMICAL- WATER	Surface water	Nitrate Nitrogen	APHA (23rd Ed.) 4500-NO3 E Standard Method (4-131) Cadmium Reduction Method
165	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen	APHA (23rd Ed.) 4500-NO2 B Standard Method (4-124) Colorimetric Method

SCOPE OF ACCREDITATION

Laboratory Name : ECO-CLEAN CONSULTING SERVICES, 20-21, SECOND FLOOR, SURAT NAVSARI MAIN ROAD, BHESTAN CHAR RASTA, BHESTAN, SURAT, GUJARAT, INDIA

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166	CHEMICAL- WATER	Surface Water	pH	IS:3025 (Part 11)
167	CHEMICAL- WATER	Surface Water	Potassium	APHA(23rd Ed.) 3500-K B Standard Method (3-89) Flame Photometric Method
168	CHEMICAL- WATER	Surface Water	Residual Chlorine	APHA(23rd Ed.) 4500-Cl B&C Standard Method (4-63,64,65) Iodometric Method
169	CHEMICAL- WATER	Surface Water	Sodium	APHA(23rd Ed.) 3500-Na B Standard Method (3-99) Flame Emission Photometric Method
170	CHEMICAL- WATER	Surface Water	Sulphate	APHA(23rd Ed.) 4500-SO4 E Standard Method (4-199) Turbidimetric Method
171	CHEMICAL- WATER	Surface Water	Temperature	IS: 3025 (Part 9)
172	CHEMICAL- WATER	Surface Water	Total Alkalinity	APHA(23rd Ed.) 2320 B Standard Method (2-37) Titration Method
173	CHEMICAL- WATER	Surface water	Total Dissolved Solids	APHA (23rd Ed.) 2540 C Standard Method (2-69)
174	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA(23rd Ed.) 2340 C Standard Method (2-48) EDTA Titrimetric Method
175	CHEMICAL- WATER	Surface Water	Total Solids	APHA(23rd Ed.) 2540 B Standard Method (2-68)
176	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA(23rd Ed.) 2540 D Standard Method (2-70)
177	CHEMICAL- WATER	Surface Water	Turbidity	APHA(23rd Ed.) 2130 B Standard Method (2-13) Nephelometric Method

SCOPE OF ACCREDITATION

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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
Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Air, Gas & Atmosphere	NOx	IS: 5182 (Part -VI)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Air, Gas & Atmosphere	P.M 2.5	IS:5182 (Part 24)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Air, Gas & Atmosphere	RSPM (PM10)	IS: 5182 (Part - XXIII)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Air, Gas, & Atmosphere	Sulphur Dioxide	IS: 5182 (Part - 2)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Noise	Noise (dB)ALeq At Source	IS/ISO 8528 (Part 10) : 2019/ CPCB Regulation
6	CHEMICAL- ATMOSPHERIC POLLUTION	Noise	Noise (dB)ALeq In Ambient	IS 9989-1981(2020) / CPCB Protocol for Ambient Noise Level Monitoring July 2015
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Flow Rate	IS:11255 (Part 3)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Nitrogen Dioxide	IS:11255 (Part-7)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	PM	IS: 11255 (Part 1)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide	IS: 11255 (Part–2)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Temperature	IS: 11255 (Part – 3)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Velocity	IS: 11255 (Part – 3)
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	IS: 3025(Part–9)
14	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	APHA(23rd Ed.) 4500-O C&G Standard Method Azide Modification, Membrane Electrod (4-146, 149)
15	CHEMICAL- WATER	Drinking Water	pH	IS:3025 (Part 11)
16	CHEMICAL- WATER	Drinking Water	Residual Chlorine	APHA(23rd Ed.) 4500-Cl B&C Standard Method (4-63,64,65) Iodometric Method
17	CHEMICAL- WATER	Drinking Water	Temperature	IS: 3025 (Part 9)

SCOPE OF ACCREDITATION

Laboratory Name :	ECO-CLEAN CONSULTING SERVICES, 20-21, SECOND FLOOR, SURAT NAVSARI MAIN ROAD, BHESTAN CHAR RASTA, BHESTAN, SURAT, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
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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
18	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	APHA(23rd Ed.) 4500-O C&G Standard Method Azide Modification, Membrane Electrod (4-146, 149)
19	CHEMICAL- WATER	Ground Water	pH	IS:3025 (Part 11)
20	CHEMICAL- WATER	Ground Water	Temperature	IS: 3025 (Part 9)
21	CHEMICAL- WATER	Industrial Water	Dissolved Oxygen	APHA(23rd Ed.) 4500-O C&G Standard Method Azide Modification, Membrane Electrod (4-146, 149)
22	CHEMICAL- WATER	Industrial Water	pH	IS:3025 (Part 11)
23	CHEMICAL- WATER	Industrial Water	Residual Chlorine	APHA(23rd Ed.) 4500-Cl B&C Standard Method (4-63,64,65) Iodometric Method
24	CHEMICAL- WATER	Industrial Water	Temperature	IS: 3025 (Part 9)
25	CHEMICAL- WATER	Irrigation Water	Dissolved Oxygen	APHA(23rd Ed.) 4500-O C&G Standard Method Azide Modification, Membrane Electrod (4-146, 149)
26	CHEMICAL- WATER	Irrigation Water	Temperature	IS: 3025 (Part 9)
27	CHEMICAL- WATER	Packaged Drinking Water	Dissolved Oxygen	APHA(23rd Ed.) 4500-O C&G Standard Method Azide Modification, Membrane Electrod (4-146, 149)
28	CHEMICAL- WATER	Packaged Drinking Water	pH	IS:3025 (Part 11)
29	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA(23rd Ed.) 4500-O C&G Standard Method Azide Modification, Membrane Electrod (4-146, 149)
30	CHEMICAL- WATER	Surface Water	pH	IS:3025 (Part 11)
31	CHEMICAL- WATER	Surface Water	Residual Chlorine	APHA(23rd Ed.) 4500-Cl B&C Standard Method (4-63,64,65) Iodometric Method
32	CHEMICAL- WATER	Surface Water	Temperature	IS: 3025 (Part 9)

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.