National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SRISHTI ENVIRONMENTAL SERVICES (LABORATORY DEPARTMENT), KRISHNA SOCIETY, STREET NO. 7, OFF JAMNAGAR ROAD, RAJKOT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 18/05/2022 to 17/05/2024 **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	Oxides of Nitrogen (NOx)	IS 5182 Part 6
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM 2.5)	IS 5182 Part 24
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matters (PM 10)	IS 5182 Part 23
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 Part 2
5	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxide of Nitrogen (NOx)	IS 11255 Part 7
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 Part 1
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO2)	IS 11255 Part 2
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Effluent Water, Sewage Water, Treated Water	Biochemical Oxygen Demand	IS 3025 Part 44
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Effluent Water, Sewage Water, Treated Water	Calcium Hardness	APHA 23rd Edition 3500 Ca B
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Effluent Water, Sewage Water, Treated Water	Chemical Oxygen Demand	IS 3025 Part 58
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Effluent Water, Sewage Water, Treated Water	Chloride	APHA 23rd Edition 4500 Cl B
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Effluent Water, Sewage Water, Treated Water	Color	APHA 23rd Edition 2120 B
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Effluent Water, Sewage Water, Treated Water	Conductivity	APHA 23rd Edition 2510 B
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Effluent Water, Sewage Water, Treated Water	Dissolved Oxygen	IS 3025 Part 38
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Effluent Water, Sewage Water, Treated Water	Oil & Grease	APHA 23rd Edition 5520 B
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Effluent Water, Sewage Water, Treated Water	pH	APHA 23rd Edition 4500 H+
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Effluent Water, Sewage Water, Treated Water	Sulphate	APHA 23rd Edition 4500 SO4-2 E
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Effluent Water, Sewage Water, Treated Water	Temperature	APHA 23rd Edition 2550 B

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Effluent Water, Sewage Water, Treated Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Effluent Water, Sewage Water, Treated Water	Total Hardness	APHA 23rd Edition 2340 C
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Effluent Water, Sewage Water, Treated Water	Total Suspended Solids	APHA 23rd Edition 2540 D
22	CHEMICAL- WATER	Drinking Water / Potable water	Calcium Hardness	APHA 23rd Edition 3500-Cab
23	CHEMICAL- WATER	Drinking Water / Potable water	Chemical Oxygen Demand	IS 3025 Part 58
24	CHEMICAL- WATER	Drinking Water / Potable water	Chloride	APHA 23rd Edition 4500 Cl B
25	CHEMICAL- WATER	Drinking Water / Potable water	Color	APHA 23rd Edition 2120 B
26	CHEMICAL- WATER	Drinking Water / Potable water	Conductivity	APHA 23rd Edition 2510 B
27	CHEMICAL- WATER	Drinking Water / Potable Water	Dissolved Oxygen	IS 3025 Part 38
28	CHEMICAL- WATER	Drinking Water / Potable water	pH	APHA 23rd Edition 4500 H+
29	CHEMICAL- WATER	Drinking Water / Potable Water	Sulphate	APHA 23rd Edition 4500 SO4-2 E
30	CHEMICAL- WATER	Drinking Water / Potable Water	Temperature	APHA 23rd Edition 2550 B
31	CHEMICAL- WATER	Drinking Water / Potable Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
32	CHEMICAL- WATER	Drinking Water / Potable water	Total Hardness	APHA 23rd Edition 2340 C
33	CHEMICAL- WATER	Drinking Water / Potable Water	Total Suspended Solids	APHA 23rd Edition 2540 D
34	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand	IS 3025 Part 44
35	CHEMICAL- WATER	Ground Water	Calcium Hardness	APHA 23rd Edition 3500-Ca b
36	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	IS 3025 Part 58
37	CHEMICAL- WATER	Ground Water	Chloride	APHA 23rd Edition 4500 Cl B
38	CHEMICAL- WATER	Ground Water	Color	APHA 23rd Edition 2120 B
39	CHEMICAL- WATER	Ground Water	Conductivity	APHA 23rd Edition 2510 B
40	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS 3025 Part 38
41	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition 4500 H+
42	CHEMICAL- WATER	Ground Water	Sulphate	APHA 23rd Edition 4500 SO4-2 E
43	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Edition 2550 B
44	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
45	CHEMICAL- WATER	Ground Water	Total Hardness	APHA 23rd Edition 2340 C

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46	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 23rd Edition 2540 D
47	CHEMICAL- WATER	Packaged Drinking Water	Calcium Hardness	APHA 23rd Edition 3500-Cab
48	CHEMICAL- WATER	Packaged Drinking Water	Chemical Oxygen Demand	IS 3025 Part 58
49	CHEMICAL- WATER	Packaged Drinking Water	Chloride	APHA 23rd Edition 4500 Cl B
50	CHEMICAL- WATER	Packaged Drinking Water	Color	APHA 23rd Edition 2120 B
51	CHEMICAL- WATER	Packaged Drinking Water	Conductivity	APHA 23rd Edition 2510 B
52	CHEMICAL- WATER	Packaged Drinking Water	Dissolved Oxygen	IS 3025 Part 44
53	CHEMICAL- WATER	Packaged Drinking Water	pH	APHA 23rd Edition 4500 H+
54	CHEMICAL- WATER	Packaged Drinking Water	Sulphate	APHA 23rd Edition 4500 SO4-2 E
55	CHEMICAL- WATER	Packaged Drinking Water	Temperature	APHA 23rd Edition 2550 B
56	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
57	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness	APHA 23rd Edition 2340 C
58	CHEMICAL- WATER	Packaged Drinking Water	Total Suspended Solids	APHA 23rd Edition 2540 D
59	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand	IS 3025 Part 44
60	CHEMICAL- WATER	Surface Water	Calcium Hardness	APHA 23rd Edition 3500 Ca
61	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	IS 3025 Part 58
62	CHEMICAL- WATER	Surface Water	Chloride	APHA 23rd Edition 4500 Cl B
63	CHEMICAL- WATER	Surface Water	Color	APHA 23rd Edition 2120 B
64	CHEMICAL- WATER	Surface Water	Conductivity	APHA 23rd Edition 2510 B
65	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 Part 38
66	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition 4500 H+
67	CHEMICAL- WATER	Surface Water	Sulphate	APHA 23rd Edition 4500 SO4-2 E
68	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Edition 2550 B
69	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
70	CHEMICAL- WATER	Surface Water	Total Hardness	APHA 23rd Edition 2340 C
71	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 23rd Edition 2540 D
72	CHEMICAL- WATER	Water for construction purpose	Biochemical Oxygen Demand	IS 3025 Part 44
73	CHEMICAL- WATER	Water for construction purpose	Calcium Hardness	APHA 23rd Edition 3500-Cab
74	CHEMICAL- WATER	Water for construction purpose	Chemical Oxygen Demand	IS 3025 Part 58

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75	CHEMICAL- WATER	Water for construction purpose	Chloride	APHA 23rd Edition 4500 Cl B
76	CHEMICAL- WATER	Water for construction purpose	pH	APHA 23rd Edition 4500 H+
77	CHEMICAL- WATER	Water for construction purpose	Sulphate	APHA 23rd Edition 4500 SO4-2 E
78	CHEMICAL- WATER	Water for construction purpose	Temperature	APHA 23rd Edition 2550 B
79	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solids	APHA 23rd Edition 2540 C
80	CHEMICAL- WATER	Water for construction purpose	Total Hardness	APHA 23rd Edition 2340 C
81	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solids	APHA 23rd Edition 2540 D

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Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matters (PM 10)	IS 5182 Part 23
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level	IS 9989
3	CHEMICAL- ATMOSPHERIC POLLUTION	Source noise level (Excluding Vibration) emitted by Diesel Generation Set	Noise Level	IS 4758

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.