National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SONI GROUP OF TECHNOLOGIES - ENVIRONMENTAL TESTING LABORATORY, 125, KAMLA AMRUT INDUSTRIAL PARK, KADI, MAHESANA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8508 **Page No** 1 of 8

Validity 16/05/2022 to 15/05/2024 **Last Amended on** 07/07/2022

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	Ammonia	IS 5182 Part 25
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Chlorine	IS 5182 Part 19
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxide of Nitrogen	IS 5182 Part 6
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter PM 10	IS 5182 Part 23
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter PM 2.5	IS 5182, Part:24
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 Part 2
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels	Noise Levels	IS 9989
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia	IS 11255, Part-6
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxide of Nitrogen	IS 11255 Part 7
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 Part 1
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulfur Dioxides	IS 11255 Part 2
12	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Loss on Ignition	IS 10158
13	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Moisture Content	IS 9235
14	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Non Volatile Substance	IS 10158
15	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	pH	IS 10158
16	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Acidity as CaCo3	APHA 23rd Edition 2310 B
17	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Alkalinity as CaCO3	APHA 23rd Edition 2320 B
18	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Ammonical Nitrogen	APHA 23rd Edition 4500 NH3 C

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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
19	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Biochemical Oxygen Demand	IS 3025 : Part 44
20	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Boron	IS 3025 : Part 57
21	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Calcium as Ca+2	APHA 23rd Edition 3500 Ca B
22	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500 Ca B
23	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Chemical Oxygen Demand	IS 3025 Part 58
24	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Chloride	IS 3025 Part 32
25	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Chromium as Cr	APHA 23rd Edition 3500 Cr B
26	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Color	APHA 23rd Edition 2017, 2120 C
27	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Conductivity	APHA 23rd Edition 2510 B
28	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Copper	APHA 23rd Edition 3500 Cu C
29	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Dissolved Oxygen	IS 3025 Part 38
30	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Fixed Solids	APHA 23rd Edition 2540 E
31	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Fluoride	APHA 23rd Edition 4500 F D
32	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Iron	APHA 23rd Edition 3500 Fe B
33	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Magnesium as Mg+2	APHA 23rd Edition 3500 Mg B
34	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500 Mg B
35	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Oil & Grease	IS 3025 Part 39
36	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	pH	IS 3025 Part 11
37	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Phenols (Phenolic Compound)	APHA 23rd Edition 5530 D

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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
38	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Phosphorus	APHA 23rd Edition 4500 P:D
39	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Potassium	APHA 23rd Edition 3500 K B
40	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Reactive Silica as Sio2	APHA 23rd Edition 4500 Sio2 C
41	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Residue in Chlorine	APHA 23rd Edition 4500 Cl- B
42	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Sodium	APHA 23rd Edition 3500 Na B
43	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Sodium Absorption Ratio (SAR)	IS 11624
44	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Sulfide	APHA 23rd Edition 4500 S-2 F
45	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Sulphate	APHA 23rd Edition 4500 SO4-2 E
46	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Temperature	APHA 23rd Edition 2550 B
47	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
48	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
49	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Total Solids	APHA 23rd Edition 2540 B
50	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Total Suspended Solids	APHA 23rd Edition 2540 D
51	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Turbidity	APHA 23rd Edition 2130 B
52	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Volatile Solids	APHA 23rd Edition 2540 E
53	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater, Effluent Water, Sewage Water	Zinc	APHA 23rd Edition 3500 Zn B
54	CHEMICAL- RESIDUES IN WATER	Ground Water, Potable Water, Drinking Water	Boron	IS 3025 : Part 57
55	CHEMICAL- RESIDUES IN WATER	Ground Water, Potable Water, Drinking Water	Chromium as Cr	APHA 23rd Edition 3500 Cr B
56	CHEMICAL- RESIDUES IN WATER	Ground Water, Potable Water, Drinking Water	Copper	APHA 23rd Edition 3500 Cu C

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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
57	CHEMICAL- RESIDUES IN WATER	Ground Water, Potable Water, Drinking Water	Phosphorus	APHA 23rd Edition 4500 P:D
58	CHEMICAL- RESIDUES IN WATER	Ground Water, Potable Water, Drinking Water	Reactive silica as CaCo3	APHA 23rd Edition 4500 Sio2
59	CHEMICAL- RESIDUES IN WATER	Ground Water, Potable Water, Drinking Water	Residue Chlorine	APHA 23rd Edition 4500 Cl-
60	CHEMICAL- RESIDUES IN WATER	Ground Water, Potable Water, Drinking Water	Sodium Absorption Ratio (SAR)	IS 11624
61	CHEMICAL- RESIDUES IN WATER	Ground Water, Potable Water, Drinking Water	Sulfide	APHA 23rd Edition 4500 S-2 F
62	CHEMICAL- RESIDUES IN WATER	Ground Water, Potable Water, Drinking Water	Zinc	APHA 23rd Edition 3500 Zn B
63	CHEMICAL- WATER	Drinking Water	Acidity as CaCo3	APHA 23rd Edition 2310 B
64	CHEMICAL- WATER	Drinking Water	Alkalinity as CaCO3	APHA 23rd Edition 2320 B
65	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen	APHA 23rd Edition 4500 NH3 C
66	CHEMICAL- WATER	Drinking Water	Biochemical Oxygen Demand	IS 3025 Part 44
67	CHEMICAL- WATER	Drinking Water	Calcium as Ca+2	APHA 23rd Edition 3500 Ca B
68	CHEMICAL- WATER	Drinking Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500 Ca B
69	CHEMICAL- WATER	Drinking Water	Chemical Oxygen Demand	IS 3025 Part 58
70	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 Part 32
71	CHEMICAL- WATER	Drinking Water	Color	APHA 23rd Edition 2120 C
72	CHEMICAL- WATER	Drinking Water	Conductivity	APHA 23rd Edition 2510 B
73	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	IS 3025 Part 38
74	CHEMICAL- WATER	Drinking Water	Fixed Solids	APHA 23rd Edition 2540 E
75	CHEMICAL- WATER	Drinking Water	Fluoride	APHA 23rd Edition 4500 F D
76	CHEMICAL- WATER	Drinking Water	Iron	APHA 23rd Edition 3500 Fe B
77	CHEMICAL- WATER	Drinking Water	Magnesium as Mg+2	APHA 23rd Edition 3500 Mg B
78	CHEMICAL- WATER	Drinking Water	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500 Mg B
79	CHEMICAL- WATER	Drinking Water	Oil & Grease	IS 3025 Part 39
80	CHEMICAL- WATER	Drinking Water	pH	IS 3025 Part 11
81	CHEMICAL- WATER	Drinking Water	Phenol	APHA 23rd Edition 5530 D
82	CHEMICAL- WATER	Drinking Water	Potassium	APHA 23rd Edition 3500 K B

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
83	CHEMICAL- WATER	Drinking Water	Sodium	APHA 23rd Edition 3500 Na B
84	CHEMICAL- WATER	Drinking Water	Sulphate	APHA 23rd Edition 4500 SO4-2 E
85	CHEMICAL- WATER	Drinking Water	Temperature	APHA 23rd Edition 2550 B
86	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
87	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCo3	APHA 23rd Edition 2340 C
88	CHEMICAL- WATER	Drinking Water	Total Solids	APHA 23rd Edition 2540 B
89	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	APHA 23rd Edition 2540 D
90	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition 2130 B
91	CHEMICAL- WATER	Drinking Water	Volatile Solids	APHA 23rd Edition 2540 E
92	CHEMICAL- WATER	Ground Water	Acidity as CaCo3	APHA 23rd Edition 2310 B
93	CHEMICAL- WATER	Ground Water	Alkalinity as CaCO3	APHA 23rd Edition 2320 B
94	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen	APHA 23rd Edition 4500 NH3 C
95	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand	IS 3025 Part 44
96	CHEMICAL- WATER	Ground Water	Calcium as Ca+2	APHA 23rd Edition 3500 Ca B
97	CHEMICAL- WATER	Ground Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500 Ca B
98	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	IS 3025 Part 58
99	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 Part 32
100	CHEMICAL- WATER	Ground Water	Color	APHA 23rd Edition 2120 C
101	CHEMICAL- WATER	Ground Water	Conductivity	APHA 23rd Edition 2510 B
102	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS 3025 Part 38
103	CHEMICAL- WATER	Ground Water	Fixed Solids	APHA 23rd Edition 2540 E
104	CHEMICAL- WATER	Ground Water	Fluoride	APHA 23rd Edition 4500 F D
105	CHEMICAL- WATER	Ground Water	Iron	APHA 23rd Edition 3500 Fe B
106	CHEMICAL- WATER	Ground Water	Magnesium as Mg+2	APHA 23rd Edition 3500 Mg B
107	CHEMICAL- WATER	Ground Water	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500 Mg B
108	CHEMICAL- WATER	Ground Water	Oil & Grease	IS 3025 Part 39
109	CHEMICAL- WATER	Ground Water	pH	IS 3025 Part 11
110	CHEMICAL- WATER	Ground Water	Phenol	APHA 23rd Edition 5530 D
111	CHEMICAL- WATER	Ground Water	Potassium	APHA 23rd Edition 3500 K B

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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
112	CHEMICAL- WATER	Ground Water	Sodium	APHA 23rd Edition 3500 Na B
113	CHEMICAL- WATER	Ground Water	Sulphate	APHA 23rd Edition 4500 SO4-2 E
114	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Edition 2550 B
115	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
116	CHEMICAL- WATER	Ground Water	Total Hardness as CaCo3	APHA 23rd Edition 2340 C
117	CHEMICAL- WATER	Ground Water	Total Solids	APHA 23rd Edition 2540 B
118	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 23rd Edition 2540 D
119	CHEMICAL- WATER	Ground Water	Turbidity	APHA 23rd Edition 2130 B
120	CHEMICAL- WATER	Ground Water	Volatile Solids	APHA 23rd Edition 2540 E
121	CHEMICAL- WATER	Potable Water	Acidity as CaCo3	APHA 23rd Edition 2310 B
122	CHEMICAL- WATER	Potable Water	Alkalinity as CaCO3	APHA 23rd Edition 2320 B
123	CHEMICAL- WATER	Potable Water	Ammonical Nitrogen	APHA 23rd Edition 4500 NH3 C
124	CHEMICAL- WATER	Potable Water	Biochemical Oxygen Demand	IS 3025 Part 44
125	CHEMICAL- WATER	Potable Water	Calcium as Ca+2	APHA 23rd Edition 3500 Ca B
126	CHEMICAL- WATER	Potable Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500 Ca B
127	CHEMICAL- WATER	Potable Water	Chemical Oxygen Demand	IS 3025 Part 58
128	CHEMICAL- WATER	Potable Water	Chloride	IS 3025 Part 32
129	CHEMICAL- WATER	Potable Water	Color	APHA 23rd Edition 2120 C
130	CHEMICAL- WATER	Potable Water	Conductivity	APHA 23rd Edition 2510 B
131	CHEMICAL- WATER	Potable Water	Dissolved Oxygen	IS 3025 Part 38
132	CHEMICAL- WATER	Potable Water	Fixed Solids	APHA 23rd Edition 2540 E
133	CHEMICAL- WATER	Potable Water	Fluoride	APHA 23rd Edition 4500 F D
134	CHEMICAL- WATER	Potable Water	Iron	APHA 23rd Edition 3500 Fe B
135	CHEMICAL- WATER	Potable Water	Magnesium as Mg+2	APHA 23rd Edition 3500 Mg B
136	CHEMICAL- WATER	Potable Water	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500 Mg B
137	CHEMICAL- WATER	Potable Water	Oil & Grease	IS 3025 Part 39
138	CHEMICAL- WATER	Potable Water	pH	IS 3025 Part 11
139	CHEMICAL- WATER	Potable Water	Phenol	APHA 23rd Edition 5530 D
140	CHEMICAL- WATER	Potable Water	Potassium	APHA 23rd Edition 3500 K B

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
141	CHEMICAL- WATER	Potable Water	Sodium	APHA 23rd Edition 3500 Na B
142	CHEMICAL- WATER	Potable Water	Sulphate	APHA 23rd Edition 4500 SO4-2 E
143	CHEMICAL- WATER	Potable Water	Temperature	APHA 23rd Edition 2550 B
144	CHEMICAL- WATER	Potable Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
145	CHEMICAL- WATER	Potable Water	Total Hardness as CaCo3	APHA 23rd Edition 2340 C
146	CHEMICAL- WATER	Potable Water	Total Solids	APHA 23rd Edition 2540 B
147	CHEMICAL- WATER	Potable Water	Total Suspended Solids	APHA 23rd Edition 2540 D
148	CHEMICAL- WATER	Potable Water	Turbidity	APHA 23rd Edition 2130 B
149	CHEMICAL- WATER	Potable Water	Volatile Solids	APHA 23rd Edition 2540 E

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Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxide of Nitrogen	IS 5182 Part 6
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter PM 10	IS 5182 Part 23
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter PM 2.5	IS 5182, Part:24
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 Part 2
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels	Noise Levels	IS 9989
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxide of Nitrogen	IS 11255 Part 7
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 Part 1
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulfur Dioxides	IS 11255 Part 2
9	CHEMICAL- WATER	Ground Water	pH	IS 3025 Part 11
10	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Edition 2550 B