National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ENVI CURE ENVIRONMENTAL CONSULTANT & ENGINEERS-LABORATORY DIVISION, 423, 424, 424-A, SOHAM ARCADE, GREEN CITY ROAD, 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
Permanent Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	IS: 5182 (Part 25), Indophenol Method
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Disulphide (CS2)	IS 5182 (Part 20): Spectrophotometic Method
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Chlorine (Cl2)	IS 5182 (Part 19): Methyl Orange Method
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Hydrogen Sulphide (H2S)	IS 5182 (Part 7): Spectrophotometic Method
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Oxide (NOx)	IS 5182 (Part 6), Modified Jacob and Hochheiser Method
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxidants as O3	IS 5182 (Part 9):, Spectrophotometic Method
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter PM10	IS 5182 (Part 23), Gravimetric method
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter PM2.5	IS 5182 (Part 24)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulfur Dioxide (SO2)	IS 5182 (Part 2), Improved West and Gaeke Method
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels (Excluding Vibration)	Noise level	IS:9989
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia (NH3)	IS 11255 (Part 6), Titration method
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Nitrogen Oxide (NOx)	IS 11255 (Part 7) & NOx Assembly Manual, PDS method
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter PM	IS 11255 (Part 1), Gravimetric method
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulfur Dioxide (SO2)	IS 11255 (Part 2), IPA- Thorin method
15	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	CEC	In House SOP ECECE/SOP/SO/06/00, Issue No: 01, Issue Date: 01/10/2019:2019
16	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	SAR	In House SOP ECECE/SOP/SO/06/00, Issue No: 01, Issue Date: 01/10/2019:2019

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17	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available & Total Nitrogen	In house SOP No: ECECE/SOP/SO/11/00, Issue No: 01, Issue Date: 01/10/2019
18	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Phosphorous	In House SOP ECECE/SOP/SO/13/00, Issue No: 01, Issue Date: 01/10/2019
19	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Boron	In House ECECE/SOP/SO/16/00, Issue No: 01, Issue Date: 01/10/2019
20	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Carbonate and Bicarbonate	In House SOP ECECE/SOP/SO/07/00, Issue No: 01, Issue Date: 01/10/2019
21	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Chloride	In House SOP ECECE/SOP/SO/08/00, Issue No: 01, Issue Date: 01/10/2019
22	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Conductivity	IS 14767
23	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Copper	In House SOP ECECE/SOP/SO/15/00, Issue No: 01, Issue Date: 01/10/2019
24	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	ESP	In House SOP ECECE/SOP/SO/06/00, Issue No: 01, Issue Date: 01/10/2019
25	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Exchangeable & Water soluble Calcium and Magnesium	In House SOP ECECE/SOP/SO/04/00, Issue No: 01, Issue Date: 01/10/2019
26	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Exchangeble Sodium and Potassium	IS 9487, Flame Photometer
27	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Iron	In House SOP ECECE/SOP/SO/14/00, Issue No: 01, Issue Date: 01/10/2019
28	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Nitrate	In House SOP ECECE/SOP/SO/12/00, Issue No: 01, Issue Date: 01/10/2019
29	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Carbon & Organic matter	In House SOP ECECE/SOP/SO/07/00, Issue No: 01, Issue Date: 01/10/2019
30	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	pH	IS 2720 (Part- 26), Electrometric Method
31	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Texture Class Analysis	IS 2720 (Part 4) 1985, Gravimetric Method

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32	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Chromium	In House SOP ECECE/SOP/SO/19/00, Issue No: 01, Issue Date: 01/10/2019
33	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Water Content	IS 2720 (Part- II), Gravimetric Method
34	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Zinc	In House SOP ECECE/SOP/SO/17/00, Issue No: 01, Issue Date: 01/10/2019
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Acidity	IS: 3025 (Part 22), Titrametric Method
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ammonical Nitrogen	IS: 3025 (Part 34), Titrimetric Method
37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Biochemical Oxygen Demand (BOD)	IS: 3025 (Part 44), Incubation For 3 Days, at 27°C
38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Boron	IS: 3025 (PART 57), Titrametric Method
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Calcium as CaCO3	IS: 3025 (Part 40), EDTA Titrimetric Method
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand (COD)	IS:3025 (Part 58), Open Reflux Method
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride	IS:3025 (Part 32), Titrametric Method
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Oxygen	IS: 3025 (Part 38), Titrimetric Method
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Flouride	APHA 23rd ed. 4500 F(4-90), SPADNS method
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Hexavalent Chromium	APHA 23rd ed. 3500-Cr B(3-71), Diphenylcarbazide method
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Magnesium as Mg	APHA 23rd ed. 3500 B(3-86), Calculation Method
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrate	APHA 23rd ed. 4500-NO3- B(4-127), Spectrophotometric Method
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrite	IS: 3025 (Part 34), Spectrophotometric Method
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil & Grease	APHA 23rd ed. 5520 B(5-42), Partition Gravimetric Method

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49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH	IS:3025 (Part 11), Electrometric Method
50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phenol	IS: 3025 (Part 43), 4-Aminoantipyrine Method with chloroform extraction
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phosphorus	APHA 23rd ed. 4500-P C(4-161), Vanadomolybdo-Phosphoric Acid
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Potassium as K	IS 3025 (Part 45), Flame Photometry Method
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Settleable Matter	IS: 3025 (Part 19), Gravimetric Method
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium as Na	IS 3025 (Part 45), Flame Photometry Method
55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Specific Conductance	IS:3025 (Part 14), Wheatstone Bridge, conductance cell
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulfate	APHA 23rd edition 4500 E(4-199), Turbidity Method
57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulfite	APHA 23rd ed. 4500 B(4-194),Iodometric Method
58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	IS:3025 (Part 9)
59	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Alkalinity	IS: 3025 (Part23), Titrametric Method
60	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved solids	IS:3025 (Part 16), Gravimetric Method
61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Fixed Solids	IS:3025 (Part 18), Gravimetric Method
62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Hardness as CaCO3	IS: 3025 (Part 21), EDTA Titrametric Method
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Solids	IS: 3025 (Part 15), Gravimetric Method
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids	IS:3025 (Part 17), Gravimetric Method
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Volatile Solids	IS:3025 (Part 18), Gravimetric Method
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Turbidity	IS:3025 (Part 10), Nephlometric Method

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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
67	CHEMICAL- WATER	Drinking Water	Acidity	IS: 3025 (Part 22), Titrametric Method
68	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen	IS: 3025 (Part 34), Titrimetric Method
69	CHEMICAL- WATER	Drinking Water	Calcium as CaCO3	IS: 3025 (Part 40), EDTA Titrimetric Method
70	CHEMICAL- WATER	Drinking Water	Chloride (Cl)	IS:3025 (Part 32), Titrimetric Method
71	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen (DO)	IS: 3025 (Part 38), Titrimetric Method
72	CHEMICAL- WATER	Drinking Water	Fluoride	APHA 23rd ed. 4500 F-(4-90), SPADNS method
73	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 23rd ed. 3500 B(3-86), Calculation Method
74	CHEMICAL- WATER	Drinking Water	Nitrate	APHA 23rd ed. 4500-NO3-B(4-127), Spectrophotometric Method
75	CHEMICAL- WATER	Drinking Water	Nitrite	IS: 3025 (Part 34), Spectrophotometric Method
76	CHEMICAL- WATER	Drinking Water	pH	IS:3025 (Part 11), Electrometric Method
77	CHEMICAL- WATER	Drinking Water	Potassium as K	IS 3025 (Part 45), Flame Photometry Method
78	CHEMICAL- WATER	Drinking Water	Sodium as Na	IS 3025 (Part 45), Flame Photometry Method
79	CHEMICAL- WATER	Drinking Water	Specific Conductance	IS:3025 (Part 14), Wheatstone Bridge, Conductance Cell
80	CHEMICAL- WATER	Drinking Water	Temperature	IS:3025 (Part 9)
81	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS: 3025 (Part23), Titrimetric Method
82	CHEMICAL- WATER	Drinking Water	Total Dissolved solids	IS:3025 (Part 16), Gravimetric Method
83	CHEMICAL- WATER	Drinking Water	Total Fixed Solid	IS:3025 (Part 18), Gravimetric Method
84	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS: 3025 (Part 21)- EDTA Titrametric Method
85	CHEMICAL- WATER	Drinking Water	Total Solids	IS: 3025 (Part 15), Gravimetric Method

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86	CHEMICAL- WATER	Drinking Water	Total Suspended solids	IS:3025 (Part 17), Gravimetric Method
87	CHEMICAL- WATER	Drinking Water	Total Volatile Solids	IS:3025 (Part 18), Gravimetric Method
88	CHEMICAL- WATER	Drinking Water	Turbidity	IS:3025 (Part 10), Nephlometric Method
89	CHEMICAL- WATER	Ground Water	Acidity	IS: 3025 (Part 22), Titrimetric Method
90	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen	IS: 3025 (Part 34), Titrimetric Method
91	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand (BOD)	IS: 3025 (Part 44), Incubation For 3 Days, at 27°C
92	CHEMICAL- WATER	Ground Water	Boron	IS: 3025 (PART 57), Titrimetric Method
93	CHEMICAL- WATER	Ground Water	Calcium as CaCO3	IS: 3025 (Part 40), EDTA Titrimetric Method
94	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand (COD)	IS:3025 (Part 58), Open Reflux Method
95	CHEMICAL- WATER	Ground Water	Chloride	IS:3025 (Part 32), Titrimetric Method
96	CHEMICAL- WATER	Ground Water	Dissolved Oxygen (DO)	IS: 3025 (Part 38), Titrimetric Method
97	CHEMICAL- WATER	Ground Water	Flouride	APHA 23rd ed. 4500 F(4-90), SPADNS method
98	CHEMICAL- WATER	Ground Water	Hexavalent Chromium	APHA 23rd ed. 3500-Cr B(3-71), Diphenylcarbazide method
99	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA 23rd ed. 3500 B(3-86), Calculation Method
100	CHEMICAL- WATER	Ground Water	Nitrate	APHA 23rd ed. 4500-NO3-B(4-127), Spectrophotometric Method
101	CHEMICAL- WATER	Ground Water	Nitrite	IS: 3025 (Part 34), Spectrophotometric Method
102	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 23rd ed. 5520 B(5-42), Partition Gravimetric Method
103	CHEMICAL- WATER	Ground Water	pH	IS:3025 (Part 11), Electrometric Method

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104	CHEMICAL- WATER	Ground Water	Phosphorus	APHA 23rd ed. 4500-P C(4-161), Vanadomolybdo-Phosphoric Acid
105	CHEMICAL- WATER	Ground Water	Potassium as K	IS 3025 (Part 45), Flame Photometry Method
106	CHEMICAL- WATER	Ground Water	Settleable Matter	IS: 3025 (Part 19), Gravimetric Method
107	CHEMICAL- WATER	Ground Water	Sodium as Na	IS 3025 (Part 45), Flame Photometry Method
108	CHEMICAL- WATER	Ground Water	Specific Conductance	IS:3025 (Part 14), Wheatstone Bridge, Conductance Cell
109	CHEMICAL- WATER	Ground Water	Sulfate	APHA, 23rd Ed., 4500 E(4-199), Turbidity Method
110	CHEMICAL- WATER	Ground Water	Sulfite	APHA 23rd Edition 4500 B (4-194), Iodometric Method
111	CHEMICAL- WATER	Ground Water	Temperature	IS:3025 (Part 9)
112	CHEMICAL- WATER	Ground Water	Total Alkalinity	IS: 3025 (Part 23), Titrimetric Method
113	CHEMICAL- WATER	Ground Water	Total Dissolved solids	IS:3025 (Part 16), Gravimetric Method
114	CHEMICAL- WATER	Ground Water	Total Fixed Solid	IS:3025 (Part 18), Gravimetric Method
115	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	IS: 3025 (Part 21), EDTA Titrametric Method
116	CHEMICAL- WATER	Ground Water	Total Solids	IS: 3025 (Part 15), Gravimetric Method
117	CHEMICAL- WATER	Ground Water	Total Suspended solids	IS:3025 (Part 17), Gravimetric Method
118	CHEMICAL- WATER	Ground Water	Total Volatile Solids	IS:3025 (Part 18), Gravimetric Method
119	CHEMICAL- WATER	Ground Water	Turbidity	IS:3025 (Part 10), Nephlometric Method
120	CHEMICAL- WATER	Industrial Water	Acidity	IS: 3025 (Part 22), Titrimetric Method
121	CHEMICAL- WATER	Industrial Water	Ammonical Nitrogen	IS: 3025 (Part 34), Titrimetric Method
122	CHEMICAL- WATER	Industrial Water	Biochemical Oxygen Demand (BOD)	IS: 3025 (Part 44), Incubation For 3 Days, at 27°C

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123	CHEMICAL- WATER	Industrial Water	Boron	IS: 3025 (PART 57), Titrimetric Method
124	CHEMICAL- WATER	Industrial Water	Calcium as CaCO3	IS: 3025 (Part 40), EDTA Titrimetric Method
125	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand (COD)	IS:3025 (Part 58), Open Reflux Method
126	CHEMICAL- WATER	Industrial Water	Chloride (Cl)	IS:3025 (Part 32), Titrimetric Method
127	CHEMICAL- WATER	Industrial Water	Dissolved Oxygen (DO)	IS: 3025 (Part 38), Titrimetric Method
128	CHEMICAL- WATER	Industrial Water	Fluoride	APHA 23rd ed. 4500 F(4-90), SPADNS method
129	CHEMICAL- WATER	Industrial Water	Hexavalent Chromium	APHA 23rd ed. 3500-Cr B(3-71), Diphenylcarbazide method
130	CHEMICAL- WATER	Industrial Water	Magnesium as Mg	APHA 23rd ed. 3500 B(3-86), Calculation Method
131	CHEMICAL- WATER	Industrial Water	Nitrate	APHA 23rd ed. 4500-NO3- B(4-127), Spectrophotometric Method
132	CHEMICAL- WATER	Industrial Water	Nitrite	IS: 3025 (Part 34), Spectrophotometric Method
133	CHEMICAL- WATER	Industrial Water	Oil & Grease	APHA 23rd ed. 5520 B(5-42), Partition Gravimetric Method
134	CHEMICAL- WATER	Industrial Water	pH	IS:3025 (Part 11), Electrometric Method
135	CHEMICAL- WATER	Industrial Water	Phenol	IS: 3025 (Part 43), 4-Aminoantipyrine Method with chloroform extraction
136	CHEMICAL- WATER	Industrial Water	Phosphorus	APHA 23rd ed. 4500-P C(4-161), Vanadomolybdo-Phosphoric Acid
137	CHEMICAL- WATER	Industrial Water	Potassium as K	IS 3025 (Part 45), Flame Photometry Method
138	CHEMICAL- WATER	Industrial Water	Settleable Matter	IS: 3025 (Part 19), Gravimetric Method
139	CHEMICAL- WATER	Industrial Water	Sodium as Na	IS 3025 (Part 45), Flame Photometry Method

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140	CHEMICAL- WATER	Industrial Water	Specific Conductance	IS:3025 (Part 14), Wheatstone bridge Conductance cell
141	CHEMICAL- WATER	Industrial Water	Sulfate	APHA 23rd edition 4500 E(4-199), Turbidity Method
142	CHEMICAL- WATER	Industrial Water	Sulfite	APHA 23rd ed. 4500 B(4-194),Iodometric Method
143	CHEMICAL- WATER	Industrial Water	Temperature	IS:3025 (Part 9)
144	CHEMICAL- WATER	Industrial Water	Total Alkalinity	IS: 3025 (Part 23), Titrimetric Method
145	CHEMICAL- WATER	Industrial Water	Total Dissolved solids	IS:3025 (Part 16), Gravimetric Method
146	CHEMICAL- WATER	Industrial Water	Total Fixed Solid	IS:3025 (Part 18), Gravimetric Method
147	CHEMICAL- WATER	Industrial Water	Total Hardness as CaCO3	IS: 3025 (Part 21), EDTA Titrametric Method
148	CHEMICAL- WATER	Industrial Water	Total Solids	IS: 3025 (Part 15), Gravimetric Method
149	CHEMICAL- WATER	Industrial Water	Total Suspended solids	IS:3025 (Part 17), Gravimetric Method
150	CHEMICAL- WATER	Industrial Water	Total Volatile Solids	IS:3025 (Part 18), Gravimetric Method
151	CHEMICAL- WATER	Industrial Water	Turbidity	IS:3025 (Part 10), Nephlometric Method
152	CHEMICAL- WATER	Packaged Drinking Water	Acidity	IS: 3025 (Part 22), Titrimetric Method
153	CHEMICAL- WATER	Packaged Drinking Water	Ammonical Nitrogen	IS: 3025 (Part 34), Titrimetric Method
154	CHEMICAL- WATER	Packaged Drinking Water	Boron	IS: 3025 (PART 57), Titrimetric Method
155	CHEMICAL- WATER	Packaged Drinking Water	Calcium as CaCO3	IS: 3025 (Part 40), EDTA Titrimetric Method
156	CHEMICAL- WATER	Packaged Drinking Water	Chloride (Cl)	IS:3025 (Part 32), Titrimetric Method
157	CHEMICAL- WATER	Packaged Drinking Water	Dissolved Oxygen (DO)	IS: 3025 (Part 38), Titrimetric Method
158	CHEMICAL- WATER	Packaged Drinking Water	Fluoride	APHA 23rd ed. 4500 F(4-90), SPADNS method

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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
159	CHEMICAL- WATER	Packaged Drinking Water	Magnesium as Mg	APHA 23rd ed. 3500 B(3-86), Calculation Method
160	CHEMICAL- WATER	Packaged Drinking Water	Nitrate	APHA 23rd ed. 4500-NO3-B(4-127), Spectrophotometric Method
161	CHEMICAL- WATER	Packaged Drinking Water	Nitrite	IS: 3025 (Part 34), Spectrophotometric Method
162	CHEMICAL- WATER	Packaged Drinking Water	pH	IS:3025 (Part 11), Electrometric Method
163	CHEMICAL- WATER	Packaged Drinking Water	Potassium as K	IS 3025 (Part 45), Flame Photometry Method
164	CHEMICAL- WATER	Packaged Drinking Water	Sodium as Na	IS 3025 (Part 45), Flame Photometry Method
165	CHEMICAL- WATER	Packaged Drinking Water	Specific Conductance	IS:3025 (Part 14), Wheatstone Bridge Conductance Cell
166	CHEMICAL- WATER	Packaged Drinking Water	Temperature	IS:3025 (Part 9)
167	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity	IS: 3025 (Part 23), Titrimetric Method
168	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved solids	IS:3025 (Part 16), Gravimetric Method
169	CHEMICAL- WATER	Packaged Drinking Water	Total Fixed Solid	IS:3025 (Part 18), Gravimetric Method
170	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness as CaCO3	IS: 3025 (Part 21), EDTA Titrametric Method
171	CHEMICAL- WATER	Packaged Drinking Water	Total Solids	IS: 3025 (Part 15), Gravimetric Method
172	CHEMICAL- WATER	Packaged Drinking Water	Total Suspended solids	IS:3025 (Part 17), Gravimetric Method
173	CHEMICAL- WATER	Packaged Drinking Water	Total Volatile Solids	IS:3025 (Part 18), Gravimetric Method
174	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS:3025 (Part 10), Nephlometric Method
175	CHEMICAL- WATER	Surface Water	Acidity	IS: 3025 (Part 22), Titrimetric Method
176	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen	IS: 3025 (Part 34), Titrimetric Method
177	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand (BOD)	IS: 3025 (Part 44), Incubation For 3 Days, at 27°C

SCOPE OF ACCREDITATION

Laboratory Name : ENVI CURE ENVIRONMENTAL CONSULTANT & ENGINEERS-LABORATORY DIVISION, 423, 424, 424-A, SOHAM ARCADE, GREEN CITY ROAD, SURAT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 23/12/2022 to 22/12/2024 **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
178	CHEMICAL- WATER	Surface Water	Boron	IS: 3025 (PART 57), Titrimetric Method
179	CHEMICAL- WATER	Surface Water	Calcium as CaCO3	IS: 3025 (Part 40), EDTA Titrimetric Method
180	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	IS:3025 (Part 58), Open Reflux Method
181	CHEMICAL- WATER	Surface Water	Chloride	IS:3025 (Part 32), Titrimetric Method
182	CHEMICAL- WATER	Surface Water	Dissolved Oxygen (DO)	IS: 3025 (Part 38), Titrimetric Method
183	CHEMICAL- WATER	Surface Water	Flouride	APHA 23rd ed. 4500 F(4-90), SPADNS method
184	CHEMICAL- WATER	Surface Water	Hexavalent Chromium	APHA 23rd ed. 3500-Cr B(3-71), Diphenylcarbazide method
185	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA 23rd ed. 3500 B(3-86), Calculation Method
186	CHEMICAL- WATER	Surface Water	Nitrate	APHA 23rd ed. 4500-NO3- B(4-127), Spectrophotometric Method
187	CHEMICAL- WATER	Surface Water	Nitrite	IS: 3025 (Part 34), Spectrophotometric Method
188	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 23rd ed. 5520 B(5-42), Partition Gravimetric Method
189	CHEMICAL- WATER	Surface Water	pH	IS:3025 (Part 11), Electrometric Method
190	CHEMICAL- WATER	Surface Water	Phosphorus	APHA 23rd ed. 4500-P C(4-161), Vanadomolybdo-Phosphoric Acid
191	CHEMICAL- WATER	Surface Water	Potassium as K	IS 3025 (Part 45), Flame Photometry Method
192	CHEMICAL- WATER	Surface Water	Settleable Matter	IS: 3025 (Part 19), Gravimetric Method
193	CHEMICAL- WATER	Surface Water	Sodium as Na	IS 3025 (Part 45), Flame Photometry Method
194	CHEMICAL- WATER	Surface Water	Specific Conductance	IS:3025 (Part 14), Wheatstone Bridge Conductance Cell
195	CHEMICAL- WATER	Surface Water	Sulfate	APHA, 23rd Ed., 4500 E(4-199), Turbidity Method: 2017

SCOPE OF ACCREDITATION

Laboratory Name :	ENVI CURE ENVIRONMENTAL CONSULTANT & ENGINEERS-LABORATORY DIVISION, 423, 424, 424-A, SOHAM ARCADE, GREEN CITY ROAD, SURAT, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
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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
196	CHEMICAL- WATER	Surface Water	Sulfite	APHA 23rd ed. 4500 B(4-194),Iodometric Method: 2019
197	CHEMICAL- WATER	Surface Water	Temperature	IS:3025 (Part 9)
198	CHEMICAL- WATER	Surface Water	Total Alkalinity	IS: 3025 (Part23), Titrimetric Method
199	CHEMICAL- WATER	Surface Water	Total Dissolved solids	IS:3025 (Part 16), Gravimetric Method
200	CHEMICAL- WATER	Surface Water	Total Fixed Solid	IS:3025 (Part 18), Gravimetric Method
201	CHEMICAL- WATER	Surface Water	Total Hardness	IS: 3025 (Part 21), EDTA Titrametric Method
202	CHEMICAL- WATER	Surface Water	Total Solids	IS: 3025 (Part 15), Gravimetric Method
203	CHEMICAL- WATER	Surface Water	Total Suspended solids	IS:3025 (Part 17), Gravimetric Method
204	CHEMICAL- WATER	Surface Water	Total Volatile Solids	IS:3025 (Part 18), Gravimetric Method
205	CHEMICAL- WATER	Surface Water	Turbidity	IS:3025 (Part 10), Nephlometric Method

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.