SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 1 of 19

Validity 29/12/2022 to 28/12/2024 **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	BIOLOGICAL- WATER	Drinking Water	Aerobic Microbial count at 22 °C	IS 5402
2	BIOLOGICAL- WATER	Drinking Water	Aerobic Microbial count at 37 °C	IS 5402
3	BIOLOGICAL- WATER	Drinking Water	Coliform bacteria	IS 15185
4	BIOLOGICAL- WATER	Drinking Water	Escherichia coli	IS 15185
5	BIOLOGICAL- WATER	Drinking Water	Faecal streptococci	IS 15186
6	BIOLOGICAL- WATER	Drinking Water	Pseudomonas aeruginosa	IS 13428 Annex D
7	BIOLOGICAL- WATER	Drinking Water	Salmonella	IS 15187
8	BIOLOGICAL- WATER	Drinking Water	Shigella	IS 5887 Part 7
9	BIOLOGICAL- WATER	Drinking Water	Staphylococcus aureus	IS 5887 Part 2
10	BIOLOGICAL- WATER	Drinking Water	Sulphite reducing anaerobes	IS 13428 Annex C
11	BIOLOGICAL- WATER	Drinking Water	V. parahaemolyticus	IS 5887 Part 5
12	BIOLOGICAL- WATER	Drinking Water	Vibrio cholera	IS 5887 Part 5
13	BIOLOGICAL- WATER	Drinking Water	Yeast & Mould count	IS 5403
14	BIOLOGICAL- WATER	Ground Water/ Surface Water	Staphylococcus aureus	IS 5887 Part 2
15	BIOLOGICAL- WATER	Ground Water/ Surface Water	Sulphite reducing anaerobes	IS 13428 Annex C
16	BIOLOGICAL- WATER	Ground Water/ Surface Water	Vibrio cholera	IS 5887 Part 5
17	BIOLOGICAL- WATER	Ground Water/ Surface Water	Yeast & Mould count	IS 5403
18	BIOLOGICAL- WATER	Ground Water/Surface Water	Aerobic Microbial count at 22 °C	IS 5402
19	BIOLOGICAL- WATER	Ground Water/Surface Water	Aerobic Microbial count at 37 °C	IS 5402
20	BIOLOGICAL- WATER	Ground Water/Surface Water	Coliform bacteria	IS 15185
21	BIOLOGICAL- WATER	Ground Water/Surface Water	Escherichia coli	IS 15185
22	BIOLOGICAL- WATER	Ground Water/Surface Water	Faecal streptococci	IS 15186
23	BIOLOGICAL- WATER	Ground Water/Surface Water	Pseudomonas aeruginosa	IS 13428 Annex D
24	BIOLOGICAL- WATER	Ground Water/Surface Water	Salmonella	IS 15187
25	BIOLOGICAL- WATER	Ground Water/Surface Water	Shigella	IS 5887 Part 7
26	BIOLOGICAL- WATER	Ground Water/Surface Water	V. parahaemolyticus	IS 5887 Part 5

SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 2 of 19

Validity 29/12/2022 to 28/12/2024 **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
27	BIOLOGICAL- WATER	Packaged Drinking Water	Aerobic Microbial count at 22 °C	IS 5402
28	BIOLOGICAL- WATER	Packaged Drinking Water	Aerobic Microbial count at 37 °C	IS 5402
29	BIOLOGICAL- WATER	Packaged Drinking Water	Coliform bacteria	IS 15185
30	BIOLOGICAL- WATER	Packaged Drinking Water	Escherichia coli	IS 15185
31	BIOLOGICAL- WATER	Packaged Drinking Water	Faecal streptococci	IS 15186
32	BIOLOGICAL- WATER	Packaged Drinking Water	Pseudomonas aeruginosa	IS 13428 Annex D
33	BIOLOGICAL- WATER	Packaged Drinking Water	Salmonella	IS 15187
34	BIOLOGICAL- WATER	Packaged Drinking Water	Shigella	IS 5887 Part 7
35	BIOLOGICAL- WATER	Packaged Drinking Water	Staphylococcus aureus	IS 5887 Part 2
36	BIOLOGICAL- WATER	Packaged Drinking Water	Sulphite reducing anaerobes	IS 13428 Annex C
37	BIOLOGICAL- WATER	Packaged Drinking Water	V. parahaemolyticus	IS 5887 Part 5
38	BIOLOGICAL- WATER	Packaged Drinking Water	Vibrio cholera	IS 5887 Part 5
39	BIOLOGICAL- WATER	Packaged Drinking Water	Yeast & Mould count	IS 5403
40	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia (NH3)	IS:5182 (Part-25)
41	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Arsenic (As)	CPCB - guidelines for measurement of ambient air pollutants
42	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead (Pb)	IS:5182 (Part-22)
43	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nickel (Ni)	IS:5182 (Part-26)
44	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen (NOX)	IS 5182 (Part-6)
45	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone (O3)	IS:5182 (Part-9)
46	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (PM2.5)	SVELC/LAB/AIR/10
47	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Respirable Suspended Particulate Matter (PM10)	IS 5182 (Part-23):
48	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part-2):
49	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Suspended Paritculate Matter (SPM)	IS:5182 (Part 4)

SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 3 of 19

Validity 29/12/2022 to 28/12/2024 **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
50	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Assessment of Noise with respect to community response	IS 9989
51	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise Levels	Method of measurement of Noise emitted by machines	IS:4758
52	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Hydrogen Sulphide (H2S)	IS:11255 (Part-4)
53	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Mercury (Hg)	EPA Method 29
54	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen (NOX)	IS 11255 (Part-7)
55	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter (PM)	IS 11255 (Part-1)
56	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO2)	IS 11255 (Part-2)
57	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Solid Waste/Sediment	Organic Matter	Methods Manual Soil testing in india, Ministry of Agriculture
58	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Solid Waste/Sediment	pH	IS:2720 (Part-26)
59	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Solid Waste/Sediment	Water Content	IS:2720 P 2
60	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Solid Waste/Sediments	Available Iron	Methods manual Soil testing in India, Department of Agriculture
61	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Solid Waste/Sediments	Available Boron	Methods manual Soil testing in India, Department of Agriculture
62	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Solid Waste/Sediments	Available Copper	Methods manual Soil testing in India, Department of Agriculture
63	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Solid Waste/Sediments	Available Manganese	Methods manual Soil testing in India, Department of Agriculture
64	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Solid Waste/Sediments	Available Phosphorus	Manual methods Soil testing in India, Department of Agriculture
65	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Solid Waste/Sediments	Available Potassium	Methods manual Soil testing in India, Ministry of Agriculture

SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 4 of 19

Validity 29/12/2022 to 28/12/2024 **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
66	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Solid Waste/Sediments	Available Sodium	Methods manual Soil testing in India, Department of Agriculture
67	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Solid Waste/Sediments	Available Zinc	Methods manual Soil testing in India, Ministry of Agriculture
68	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Solid Waste/Sediments	Cation Exchange Capacity	Methods manual Soil testing in India, Department of Agriculture
69	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Solid Waste/Sediments	Exchangeable Calcium and Magnesium	Methods manual Soil testing in India, Ministry of Agriculture
70	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Solid Waste/Sediments	Total Nitrogen(excluding nitrate)	IS:14684
71	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Solid Waste/Sediments	Total Soluble sulphates	IS:2720 (Part-27)
72	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Solid Water/Sediment	Conductivity	IS:14767
73	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Organic Nitrogen (Kjeldahl)	APHA 4500 N Org B & C, 23rd Edition
74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ammoniacal Nitrogen	APHA 4500 NH3-B & C (Titration Method)
75	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ammoniacal Nitrogen	APHA 4500 NH3-B & F (Phenate Method)
76	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Bio-Chemical Oxygen Demand	APHA 5210B, 4500 OC
77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Bio-Chemical Oxygen Demand	IS:3025 (Part-44)
78	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	APHA 5220 B 23rd Edition
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Hexavalent Chromium	APHA 3500 Cr-B
80	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil & Grease	APHA, 5520-D, 5-38, 23rd Edition
81	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Organic Nitrogen (Kjeldahl)	APHA 4500 N org B & F
82	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH	APHA, 4500-H+B, 23rd Edition
83	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phosphate as P	APHA 4500 PC

SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 5 of 19

Validity 29/12/2022 to 28/12/2024 **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
84	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Silica as SiO2	APHA 4500 SiO2 C
85	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids (TDS)	APHA, 2540-C, 23rd Edition
86	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Solids	APHA, 2540-B, 23rd Edition
87	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids (TSS)	APHA, 2540-D, 23rd Edition
88	CHEMICAL- RESIDUES IN WATER	Drinking Water	Acenapthelene	SVELC/LAB/WAT/GC-MSMS/02
89	CHEMICAL- RESIDUES IN WATER	Drinking Water	Acenapthene	SVELC/LAB/WAT/GC-MSMS/02
90	CHEMICAL- RESIDUES IN WATER	Drinking Water	Alachor	SVELC/LAB/WAT/GC-MSMS/01
91	CHEMICAL- RESIDUES IN WATER	Drinking Water	Aldrin	SVELC/LAB/WAT/GC-MSMS/01
92	CHEMICAL- RESIDUES IN WATER	Drinking Water	Alpha-HCH	SVELC/LAB/WAT/GC-MSMS/01
93	CHEMICAL- RESIDUES IN WATER	Drinking Water	Aluminium (as Al)	APHA, 3120-B, 23rd Edition
94	CHEMICAL- RESIDUES IN WATER	Drinking water	Anthracene	SVELC/LAB/WAT/GC-MSMS/02
95	CHEMICAL- RESIDUES IN WATER	Drinking water	Antimony (as Sb)	APHA, 3120-B, 23rd Edition
96	CHEMICAL- RESIDUES IN WATER	Drinking Water	Arsenic (as As)	APHA, 3120-B, 23rd Edition
97	CHEMICAL- RESIDUES IN WATER	Drinking Water	Barium (as Ba)	APHA, 3120-B, 23rd Edition
98	CHEMICAL- RESIDUES IN WATER	Drinking Water	Benz(a)anthracene	SVELC/LAB/WAT/GC-MSMS/02
99	CHEMICAL- RESIDUES IN WATER	Drinking Water	Beta-HCH	SVELC/LAB/WAT/GC-MSMS/01
100	CHEMICAL- RESIDUES IN WATER	Drinking Water	Borate (as B)	APHA, 3120-B, 23rd Edition
101	CHEMICAL- RESIDUES IN WATER	Drinking Water	Butachlor	SVELC/LAB/WAT/GC-MSMS/01
102	CHEMICAL- RESIDUES IN WATER	Drinking water	Cadmium (as Cd)	APHA, 3120-B, 23rd Edition

SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 6 of 19

Validity 29/12/2022 to 28/12/2024 **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
103	CHEMICAL- RESIDUES IN WATER	Drinking water	Chlorophyriphos	SVELC/LAB/WAT/GC-MSMS/01
104	CHEMICAL- RESIDUES IN WATER	Drinking Water	Chromium (as Cr)	APHA, 3120-B, 23rd Edition
105	CHEMICAL- RESIDUES IN WATER	Drinking water	Copper (as Cu)	APHA, 3120-B, 23rd Edition
106	CHEMICAL- RESIDUES IN WATER	Drinking Water	DDT	SVELC/LAB/WAT/GC-MSMS/01
107	CHEMICAL- RESIDUES IN WATER	Drinking Water	Delta-HCH	SVELC/LAB/WAT/GC-MSMS/01
108	CHEMICAL- RESIDUES IN WATER	Drinking water	Dieldrin	SVELC/LAB/WAT/GC-MSMS/01
109	CHEMICAL- RESIDUES IN WATER	Drinking Water	Endosulphan (Alpha,Beta,Sulphate)	SVELC/LAB/WAT/GC-MSMS/01
110	CHEMICAL- RESIDUES IN WATER	Drinking Water	Ethion	SVELC/LAB/WAT/GC-MSMS/01
111	CHEMICAL- RESIDUES IN WATER	Drinking Water	Fluoranthene	SVELC/LAB/WAT/GC-MSMS/02
112	CHEMICAL- RESIDUES IN WATER	Drinking Water	Fluorene	SVELC/LAB/WAT/GC-MSMS/02
113	CHEMICAL- RESIDUES IN WATER	Drinking Water	Gamma-HCH	SVELC/LAB/WAT/GC-MSMS/01
114	CHEMICAL- RESIDUES IN WATER	Drinking water	Iron (as Fe)	APHA, 3120-B, 23rd Edition
115	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead (as Pb)	APHA, 3120-B, 23rd Edition
116	CHEMICAL- RESIDUES IN WATER	Drinking Water	Manganese (as Mn)	APHA, 3120-B, 23rd Edition
117	CHEMICAL- RESIDUES IN WATER	Drinking Water	Mercury (as Hg)	APHA, 3120-B, 23rd Edition
118	CHEMICAL- RESIDUES IN WATER	Drinking Water	Methyl Parathion	SVELC/LAB/WAT/GC-MSMS/01
119	CHEMICAL- RESIDUES IN WATER	Drinking Water	Monocrotophos	SVELC/LAB/WAT/GC-MSMS/01
120	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickel (as Ni)	APHA, 3120-B, 23rd Edition
121	CHEMICAL- RESIDUES IN WATER	Drinking water	Phenanthrene	SVELC/LAB/WAT/GC-MSMS/02

SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 7 of 19

Validity 29/12/2022 to 28/12/2024 **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
122	CHEMICAL- RESIDUES IN WATER	Drinking water	Phorate	SVELC/LAB/WAT/GC-MSMS/01
123	CHEMICAL- RESIDUES IN WATER	Drinking Water	Selenium (as Se)	APHA, 3120-B, 23rd Edition
124	CHEMICAL- RESIDUES IN WATER	Drinking water	Silver (as Ag)	APHA, 3120-B, 23rd Edition
125	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc (as Zn)	APHA, 3120-B, 23rd Edition
126	CHEMICAL- RESIDUES IN WATER	Ground Water	Alachlor	SVELC/LAB/WAT/GC-MSMS/01
127	CHEMICAL- RESIDUES IN WATER	Ground Water	Aldrin	SVELC/LAB/WAT/GC-MSMS/01
128	CHEMICAL- RESIDUES IN WATER	Ground Water	Alpha - HCH	SVELC/LAB/WAT/GC-MSMS/01
129	CHEMICAL- RESIDUES IN WATER	Ground Water	Aluminium (as Al)	APHA, 3120-B, 23rd Edition
130	CHEMICAL- RESIDUES IN WATER	Ground Water	Antimony (as Sb)	APHA, 3120-B, 23rd Edition
131	CHEMICAL- RESIDUES IN WATER	Ground Water	Arsenic (as As)	APHA, 3120-B, 23rd Edition
132	CHEMICAL- RESIDUES IN WATER	Ground Water	Barium (as Ba)	APHA, 3120-B, 23rd Edition
133	CHEMICAL- RESIDUES IN WATER	Ground Water	Beta - HCH	SVELC/LAB/WAT/GC-MSMS/01
134	CHEMICAL- RESIDUES IN WATER	Ground Water	Borate (as B)	APHA, 3120-B, 23rd Edition
135	CHEMICAL- RESIDUES IN WATER	Ground water	Butachlor	SVELC/LAB/WAT/GC-MSMS/01
136	CHEMICAL- RESIDUES IN WATER	Ground Water	Cadmium (as Cd)	APHA, 3120-B, 23rd Edition
137	CHEMICAL- RESIDUES IN WATER	Ground Water	Chlorophyrophos	SVELC/LAB/WAT/GC-MSMS/01
138	CHEMICAL- RESIDUES IN WATER	Ground water	Chromium (as Cr)	APHA, 3120-B, 23rd Edition
139	CHEMICAL- RESIDUES IN WATER	Ground Water	Copper (as Cu)	APHA, 3120-B, 23rd Edition
140	CHEMICAL- RESIDUES IN WATER	Ground Water	DDT	SVELC/LAB/WAT/GC-MSMS/01

SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 8 of 19

Validity 29/12/2022 to 28/12/2024 **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
141	CHEMICAL- RESIDUES IN WATER	Ground Water	Delta HCH	SVELC/LAB/WAT/GC-MSMS/01
142	CHEMICAL- RESIDUES IN WATER	Ground Water	Dieldrin	SVELC/LAB/WAT/GC-MSMS/01
143	CHEMICAL- RESIDUES IN WATER	Ground Water	Endosulphan (Alpha, Beta, Sulphate)	SVELC/LAB/WAT/GC-MSMS/01
144	CHEMICAL- RESIDUES IN WATER	Ground Water	Ethion	SVELC/LAB/WAT/GC-MSMS/01
145	CHEMICAL- RESIDUES IN WATER	Ground water	Gamma - HCH	SVELC/LAB/WAT/GC-MSMS/01
146	CHEMICAL- RESIDUES IN WATER	Ground Water	Iron (as Fe)	APHA, 3120-B, 23rd Edition
147	CHEMICAL- RESIDUES IN WATER	Ground Water	Lead (as Pb)	APHA, 3120-B, 23rd Edition
148	CHEMICAL- RESIDUES IN WATER	Ground Water	Manganese (as Mn)	APHA, 3120-B, 23rd Edition
149	CHEMICAL- RESIDUES IN WATER	Ground Water	Mercury (as Hg)	APHA, 3120-B, 23rd Edition
150	CHEMICAL- RESIDUES IN WATER	Ground Water	Methyl Parathion	SVELC/LAB/WAT/GC-MSMS/01
151	CHEMICAL- RESIDUES IN WATER	Ground Water	Monocrotophos	SVELC/LAB/WAT/GC-MSMS/01
152	CHEMICAL- RESIDUES IN WATER	Ground Water	Nickel (as Ni)	APHA, 3120-B, 23rd Edition
153	CHEMICAL- RESIDUES IN WATER	Ground water	Phorate	SVELC/LAB/WAT/GC-MSMS/01
154	CHEMICAL- RESIDUES IN WATER	Ground Water	Selenium (as Se)	APHA, 3120-B, 23rd Edition
155	CHEMICAL- RESIDUES IN WATER	Ground Water	Silver (as Ag)	APHA, 3120-B, 23rd Edition
156	CHEMICAL- RESIDUES IN WATER	Ground water	Zinc (as Zn)	APHA, 3120-B, 23rd Edition
157	CHEMICAL- RESIDUES IN WATER	Industrial Water	Aluminium (as Al)	APHA, 3120-B, 23rd Edition
158	CHEMICAL- RESIDUES IN WATER	Industrial Water	Antimony (as Sb)	APHA, 3120-B, 23rd Edition
159	CHEMICAL- RESIDUES IN WATER	Industrial Water	Arsenic (as As)	APHA, 3120-B, 23rd Edition

SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 9 of 19

Validity 29/12/2022 to 28/12/2024 **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
160	CHEMICAL- RESIDUES IN WATER	Industrial Water	Barium (as Ba)	APHA, 3120-B, 23rd Edition
161	CHEMICAL- RESIDUES IN WATER	Industrial Water	Borate (as B)	APHA, 3120-B, 23rd Edition
162	CHEMICAL- RESIDUES IN WATER	Industrial Water	Cadmiuim (as Cd)	APHA, 3120-B, 23rd Edition
163	CHEMICAL- RESIDUES IN WATER	Industrial Water	Chromium (as Cr)	APHA, 3120-B, 23rd Edition
164	CHEMICAL- RESIDUES IN WATER	Industrial Water	Copper (as Cu)	APHA, 3120-B, 23rd Edition
165	CHEMICAL- RESIDUES IN WATER	Industrial Water	Iron (as Fe)	APHA, 3120-B, 23rd Edition
166	CHEMICAL- RESIDUES IN WATER	Industrial Water	Lead (as Pb)	APHA, 3120-B, 23rd Edition
167	CHEMICAL- RESIDUES IN WATER	Industrial Water	Manganese (as Mn)	APHA, 3120-B, 23rd Edition
168	CHEMICAL- RESIDUES IN WATER	Industrial Water	Mercury (as Hg)	APHA, 3120-B, 23rd Edition
169	CHEMICAL- RESIDUES IN WATER	Industrial Water	Nickel (as Ni)	APHA, 3120-B, 23rd Edition
170	CHEMICAL- RESIDUES IN WATER	Industrial Water	Selenium (as Se)	APHA, 3120-B, 23rd Edition
171	CHEMICAL- RESIDUES IN WATER	Industrial Water	Silver (as Ag)	APHA, 3120-B, 23rd Edition
172	CHEMICAL- RESIDUES IN WATER	Industrial Water	Zinc (as Zn)	APHA, 3120-B, 23rd Edition
173	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Acenapthelene	SVELC/LAB/WAT/GC-MSMS/02
174	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Acenapthene	SVELC/LAB/WAT/GC-MSMS/02
175	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Alachor	SVELC/LAB/WAT/GC-MSMS/01
176	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Aldrin	SVELC/LAB/WAT/GC-MSMS/01
177	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Alpha-HCH	SVELC/LAB/WAT/GC-MSMS/01
178	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Aluminium (as Al)	APHA, 3120-B, 23rd Edition

SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 10 of 19

Validity 29/12/2022 to 28/12/2024 **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
179	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Anthracene	SVELC/LAB/WAT/GC-MSMS/02
180	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Antimony (as Sb)	APHA, 3120-B, 23rd Edition
181	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Arsenic (as As)	APHA, 3120-B, 23rd Edition
182	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Barium (as Ba)	APHA, 3120-B, 23rd Edition
183	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Benz(a)anthracene	SVELC/LAB/WAT/GC-MSMS/02
184	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Beta-HCH	SVELC/LAB/WAT/GC-MSMS/01
185	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Borate (as B)	APHA, 3120-B, 23rd Edition
186	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Butachlor	SVELC/LAB/WAT/GC-MSMS/01
187	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Cadmium (as Cd)	APHA, 3120-B, 23rd Edition
188	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Chloropyriphos	SVELC/LAB/WAT/GC-MSMS/01
189	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Chromium (as Cr)	APHA, 3120-B, 23rd Edition
190	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Copper (as Cu)	APHA, 3120-B, 23rd Edition
191	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	DDT	SVELC/LAB/WAT/GC-MSMS/01
192	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Delta-HCH	SVELC/LAB/WAT/GC-MSMS/01
193	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Dieldrin	SVELC/LAB/WAT/GC-MSMS/01
194	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Endosulphan (Alpha,Beta, Sulphate)	SVELC/LAB/WAT/GC-MSMS/01
195	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Ethion	SVELC/LAB/WAT/GC-MSMS/01
196	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Fluoranthene	SVELC/LAB/WAT/GC-MSMS/02
197	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Fluorene	SVELC/LAB/WAT/GC-MSMS/02

SCOPE OF ACCREDITATION

Laboratory Name :	SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5582	**Page No**	11 of 19
Validity	29/12/2022 to 28/12/2024	**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
198	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Gamma-HCH	SVELC/LAB/WAT/GC-MSMS/01
199	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Iron (as Fe)	APHA, 3120-B, 23rd Edition
200	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Lead (as Pb)	APHA, 3120-B, 23rd Edition
201	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Manganese (as Mn)	APHA, 3120-B, 23rd Edition
202	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Mercury (as Hg)	APHA, 3120-B, 23rd Edition
203	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Methyl Parathion	SVELC/LAB/WAT/GC-MSMS/01
204	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Monocrotophos	SVELC/LAB/WAT/GC-MSMS/01
205	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Nickel (as Ni)	APHA, 3120-B, 23rd Edition
206	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Phenanthrene	SVELC/LAB/WAT/GC-MSMS/02
207	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Phorate	SVELC/LAB/WAT/GC-MSMS/01
208	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Selenium (as Se)	APHA, 3120-B, 23rd Edition
209	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Silver (as Ag)	APHA, 3120-B, 23rd Edition
210	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Zinc (as Zn)	APHA, 3120-B, 23rd Edition
211	CHEMICAL- RESIDUES IN WATER	Surface Water	Alachor	SVELC/LAB/WAT/GC-MSMS/01
212	CHEMICAL- RESIDUES IN WATER	Surface Water	Aldrin	SVELC/LAB/WAT/GC-MSMS/01
213	CHEMICAL- RESIDUES IN WATER	Surface Water	Alpha-HCH	SVELC/LAB/WAT/GC-MSMS/01
214	CHEMICAL- RESIDUES IN WATER	Surface Water	Aluminium (as Al)	APHA, 3120-B, 23rd Edition
215	CHEMICAL- RESIDUES IN WATER	Surface Water	Antimony (as Sb)	APHA, 3120-B, 23rd Edition
216	CHEMICAL- RESIDUES IN WATER	Surface Water	Arsenic (as As)	APHA, 3120-B, 23rd Edition

SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 12 of 19

Validity 29/12/2022 to 28/12/2024 **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
217	CHEMICAL- RESIDUES IN WATER	Surface Water	Barium (as Ba)	APHA, 3120-B, 23rd Edition
218	CHEMICAL- RESIDUES IN WATER	Surface Water	Beta-HCH	SVELC/LAB/WAT/GC-MSMS/01
219	CHEMICAL- RESIDUES IN WATER	Surface Water	Borate (as B)	APHA, 3120-B, 23rd Edition
220	CHEMICAL- RESIDUES IN WATER	Surface Water	Butachlor	SVELC/LAB/WAT/GC-MSMS/01
221	CHEMICAL- RESIDUES IN WATER	Surface Water	Cadmium (as Cd)	APHA, 3120-B, 23rd Edition
222	CHEMICAL- RESIDUES IN WATER	Surface Water	Chloropyriphos	SVELC/LAB/WAT/GC-MSMS/01
223	CHEMICAL- RESIDUES IN WATER	Surface Water	Chromium (as Cr)	APHA, 3120-B, 23rd Edition
224	CHEMICAL- RESIDUES IN WATER	Surface Water	Copper (as Cu)	APHA, 3120-B, 23rd Edition
225	CHEMICAL- RESIDUES IN WATER	Surface Water	DDT	SVELC/LAB/WAT/GC-MSMS/01
226	CHEMICAL- RESIDUES IN WATER	Surface Water	Delta-HCH	SVELC/LAB/WAT/GC-MSMS/01
227	CHEMICAL- RESIDUES IN WATER	Surface Water	Dieldrin	SVELC/LAB/WAT/GC-MSMS/01
228	CHEMICAL- RESIDUES IN WATER	Surface Water	Endosulphan (Alpha, Beta, Sulphate)	SVELC/LAB/WAT/GC-MSMS/01
229	CHEMICAL- RESIDUES IN WATER	Surface Water	Ethion	SVELC/LAB/WAT/GC-MSMS/01
230	CHEMICAL- RESIDUES IN WATER	Surface Water	Gama-HCH	SVELC/LAB/WAT/GC-MSMS/01
231	CHEMICAL- RESIDUES IN WATER	Surface Water	Iron (as Fe)	APHA, 3120-B, 23rd Edition
232	CHEMICAL- RESIDUES IN WATER	Surface Water	Lead (as Pb)	APHA, 3120-B, 23rd Edition
233	CHEMICAL- RESIDUES IN WATER	Surface Water	Manganese (as Mn)	APHA, 3120-B, 23rd Edition
234	CHEMICAL- RESIDUES IN WATER	Surface Water	Mercury (as Hg)	APHA, 3120-B, 23rd Edition
235	CHEMICAL- RESIDUES IN WATER	Surface Water	Methyl Parathion	SVELC/LAB/WAT/GC-MSMS/01

SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 13 of 19

Validity 29/12/2022 to 28/12/2024 **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
236	CHEMICAL- RESIDUES IN WATER	Surface Water	Monocrotophos	SVELC/LAB/WAT/GC-MSMS/01
237	CHEMICAL- RESIDUES IN WATER	Surface Water	Nickel (as Ni)	APHA, 3120-B, 23rd Edition
238	CHEMICAL- RESIDUES IN WATER	Surface Water	Phorate	SVELC/LAB/WAT/GC-MSMS/01
239	CHEMICAL- RESIDUES IN WATER	Surface Water	Selenium (as Se)	APHA, 3120-B, 23rd Edition
240	CHEMICAL- RESIDUES IN WATER	Surface Water	Silver (as Ag)	APHA, 3120-B, 23rd Edition
241	CHEMICAL- RESIDUES IN WATER	Surface Water	Zinc (as Zn)	APHA, 3120-B, 23rd Edition
242	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS 1350 Part 1
243	CHEMICAL- SOLID FUELS	Coal	Moisture	IS 1350 Part 1
244	CHEMICAL- SOLID FUELS	Coal/Coke	Ash	IS 1350 Part 1
245	CHEMICAL- SOLID FUELS	Coal/Coke	Gross Calorific Value	IS 1350, Part - 2
246	CHEMICAL- SOLID FUELS	Coal/Coke	Volatile Matter	IS 1350 Part 1
247	CHEMICAL- WATER	Drinking Water	Ammonia (as total ammonia - N)	APHA 4500 NH3-B&C (Phenate method), 23rd Edition
248	CHEMICAL- WATER	Drinking Water	Anionic Surface Active Agents (as MBAS)	IS:13428: 2005, Annexure-K&L
249	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	APHA 3500-Ca B, 23rd Edition
250	CHEMICAL- WATER	Drinking Water	Chlorides (as Cl)	APHA 4500-Cl B, 23rd Edition
251	CHEMICAL- WATER	Drinking Water	Colour	APHA 2120-C, 23rd Edition
252	CHEMICAL- WATER	Drinking Water	Conductivity	APHA 2510-B, 23rd Edition
253	CHEMICAL- WATER	Drinking Water	Cyanides (as CN)	APHA 4500-CN E, 23rd Edition
254	CHEMICAL- WATER	Drinking Water	Fluoride (as F)	APHA 4500-FD, 23rd Edition
255	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg	APHA 3500-Mg B, 23rd Edition
256	CHEMICAL- WATER	Drinking Water	Nitrate Nitrogen (as NO3)	APHA 4500-NO3 B&C, 23rd Edition
257	CHEMICAL- WATER	Drinking Water	Nitrite (as NO2)	APHA 4500-NO2 B, 23rd Edition
258	CHEMICAL- WATER	Drinking Water	Odour	APHA 2150, 23rd Edition
259	CHEMICAL- WATER	Drinking Water	pH	APHA 4500-H+B, 23rd Edition

SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 14 of 19

Validity 29/12/2022 to 28/12/2024 **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
260	CHEMICAL- WATER	Drinking Water	Phenolic Compounds (as C6H5OH)	APHA 5530-C, 23rd Edition
261	CHEMICAL- WATER	Drinking Water	Potassium (as K)	APHA 3500-K B, 23rd Edition
262	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS:3025 (Part-26)
263	CHEMICAL- WATER	Drinking Water	Sodium (as Na)	APHA 3500-Na B, 23rd Edition
264	CHEMICAL- WATER	Drinking Water	Sulfates (as SO4)	APHA 4500-SO42 E, 23rd Edition
265	CHEMICAL- WATER	Drinking Water	Sulfide (as S)	APHA 4500-S2 D, 23rd Edition
266	CHEMICAL- WATER	Drinking Water	Taste	APHA 2160- B, 23rd Edition
267	CHEMICAL- WATER	Drinking Water	Total Alkalinity (as CaCO3)	APHA 2320-B, 23rd Edition
268	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	APHA 2540-C, 23rd Edition
269	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCO3)	APHA 2340-C, 23rd Edition
270	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 2130 -B, 23rd Edition
271	CHEMICAL- WATER	Ground Water	Acidity (as CaCO3)	APHA, 2310-B, 23rd Edition
272	CHEMICAL- WATER	Ground Water	Ammonia (as total ammonia-N)	APHA 4500 NH3 B &C (Phenate method)
273	CHEMICAL- WATER	Ground Water	Anionic Surface Active Agents (as MBAS)	IS 13428:2005Annex-K&L
274	CHEMICAL- WATER	Ground Water	Calcium (as Ca)	APHA, 3500-Ca B, 23rd Edition
275	CHEMICAL- WATER	Ground Water	Chlorides (as Cl)	APHA, 4500-Cl B, 23rd Edition
276	CHEMICAL- WATER	Ground Water	Colour	APHA, 2120-C, 23rd Edition
277	CHEMICAL- WATER	Ground Water	Conductivity	APHA, 2510-B, 23rd Edition
278	CHEMICAL- WATER	Ground Water	Cyanides (as CN)	APHA, 4500-CN - E, 23rd Edition
279	CHEMICAL- WATER	Ground Water	Dissolved Oxygen (DO)	APHA, 4500-DC, 23rd Edition
280	CHEMICAL- WATER	Ground Water	Fluoride (as F)	APHA, 4500-FD, 23rd Edition
281	CHEMICAL- WATER	Ground Water	Magnesium (as Mg)	APHA, 3500-Mg B, 23rd Edition
282	CHEMICAL- WATER	Ground Water	Nitrate Nitrogen (as NO3)	APHA, 4500 NO3—B & C, 23rd Edition
283	CHEMICAL- WATER	Ground Water	Nitrite (as NO2)	APHA, 4500-NO2- B, 23rd Edition
284	CHEMICAL- WATER	Ground Water	Odour	APHA, 2150, 23rd Edition
285	CHEMICAL- WATER	Ground Water	pH	APHA, 4500-H+B, 23rd Edition

SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 15 of 19

Validity 29/12/2022 to 28/12/2024 **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
286	CHEMICAL- WATER	Ground Water	Phenolic Compounds (as C6H5OH)	APHA, 5530-C, 23rd Edition
287	CHEMICAL- WATER	Ground Water	Potassium (as K)	APHA, 3500-KB, 23rd Edition
288	CHEMICAL- WATER	Ground Water	Residual Free Chlorine	IS 3025 P:26
289	CHEMICAL- WATER	Ground Water	Sodium (as Na)	APHA, 3500-Na B, 23rd Edition
290	CHEMICAL- WATER	Ground Water	Sulfates (as SO4)	APHA, 4500-SO42- E, 23rd Edition
291	CHEMICAL- WATER	Ground Water	Sulphide (as S)	APHA, 4500S2D, 23rd Edition
292	CHEMICAL- WATER	Ground Water	Taste	APHA, 2160-B, 23rd Edition
293	CHEMICAL- WATER	Ground Water	Total Alkalinity (as CaCO3)	APHA, 2320-B, 23rd Edition
294	CHEMICAL- WATER	Ground Water	Total Dissolved Solids (TDS)	APHA, 2540-C, 23rd Edition
295	CHEMICAL- WATER	Ground Water	Total Hardness (as CaCO3)	APHA, 2340-C, 23rd Edition
296	CHEMICAL- WATER	Ground Water	Total Solids	APHA, 2540-B, 23rd Edition
297	CHEMICAL- WATER	Ground Water	Turbidity	APHA, 2130-B, 23rd Edition
298	CHEMICAL- WATER	Industrial Water	Ammonia (as total ammonia - N)	APHA 4500 NH3-B&C (Phenate method), 23rd Edition
299	CHEMICAL- WATER	Industrial Water	Chlorides (as CL)	APHA 4500-Cl B, 23rd Edition
300	CHEMICAL- WATER	Industrial Water	Colour	APHA 2120-C, 23rd Edition
301	CHEMICAL- WATER	Industrial Water	Cyanides (as CN)	APHA 4500-CN E, 23rd Edition
302	CHEMICAL- WATER	Industrial Water	Hexavalent Chromium	APHA 3500 Cr B, 23rd Edition
303	CHEMICAL- WATER	Industrial Water	Nitrate Nitrogen (as NO3)	APHA 4500-NO3 B&C, 23rd Edition
304	CHEMICAL- WATER	Industrial Water	Nitrite (as NO2)	APHA 4500-NO2 B, 23rd Edition
305	CHEMICAL- WATER	Industrial Water	pH	APHA 4500-H+B, 23rd Edition
306	CHEMICAL- WATER	Industrial Water	Phenolic Compounds (as C6H5OH)	APHA 5530-C, 23rd Edition
307	CHEMICAL- WATER	Industrial Water	Phosphate as P	APHA 4500 PD, 23rd Edition
308	CHEMICAL- WATER	Industrial Water	Potassium (as K)	APHA 3500-K B, 23rd Edition
309	CHEMICAL- WATER	Industrial Water	Silica as SiO2	APHA 4500 SiO2 C, 23rd Edition
310	CHEMICAL- WATER	Industrial Water	Sodium (as Na)	APHA 3500-Na B, 23rd Edition
311	CHEMICAL- WATER	Industrial Water	Sulfates (as SO4)	APHA 4500-SO42 E, 23rd Edition

SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 16 of 19

Validity 29/12/2022 to 28/12/2024 **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
312	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids (TDS)	APHA 2540-C, 23rd Edition
313	CHEMICAL- WATER	Industrial Water	Total Hardness (as CaCO3)	APHA 2340-C, 23rd Edition
314	CHEMICAL- WATER	Industrial Water	Total Suspended Solids	APHA 2540-D, 23rd Edition
315	CHEMICAL- WATER	Industrial Water	Turbidity	APHA 2130 -B, 23rd Edition
316	CHEMICAL- WATER	Packaged Drinking Water	Ammonia (as total ammonia - N)	APHA 4500 NH3-B&C (Phenate method), 23rd Edition
317	CHEMICAL- WATER	Packaged Drinking Water	Anionic Surface Active Agents (as MBAS)	IS:13428 2005, Annexure K&L
318	CHEMICAL- WATER	Packaged Drinking Water	Calcium (as Ca)	APHA 3500-Ca B, 23rd Edition
319	CHEMICAL- WATER	Packaged Drinking Water	Chlorides (as CL)	APHA 4500-Cl B, 23rd Edition
320	CHEMICAL- WATER	Packaged Drinking Water	Colour	APHA 2120-C, 23rd Edition
321	CHEMICAL- WATER	Packaged Drinking Water	Conductivity	APHA 2510-B, 23rd Edition
322	CHEMICAL- WATER	Packaged Drinking Water	Cyanides (as CN)	APHA 4500-CN E, 23rd Edition
323	CHEMICAL- WATER	Packaged Drinking Water	Fluoride (as F)	APHA 4500-FD, 23rd Edition
324	CHEMICAL- WATER	Packaged Drinking Water	Magnesium (as Mg)	APHA 3500-Mg B, 23rd Edition
325	CHEMICAL- WATER	Packaged Drinking Water	Nitrate Nitrogen (as NO3)	APHA 4500-NO3 B&C, 23rd Edition
326	CHEMICAL- WATER	Packaged Drinking Water	Nitrite (as NO2)	APHA 4500-NO2 B, 23rd Edition
327	CHEMICAL- WATER	Packaged Drinking Water	Odour	APHA 2150, 23rd Edition
328	CHEMICAL- WATER	Packaged Drinking Water	pH	APHA 4500-H+B, 23rd Edition
329	CHEMICAL- WATER	Packaged Drinking Water	Phenolic Compounds (as C6H5OH)	APHA 5530-C, 23rd Edition
330	CHEMICAL- WATER	Packaged Drinking Water	Potassium (as K)	APHA 3500-K B, 23rd Edition
331	CHEMICAL- WATER	Packaged Drinking Water	Residual Free Chlorine	IS:3025 (Part-26)
332	CHEMICAL- WATER	Packaged Drinking Water	Sodium (as Na)	APHA 3500-Na B, 23rd Edition
333	CHEMICAL- WATER	Packaged Drinking Water	Sulfates (as SO4)	APHA 4500-SO42 E, 23rd Edition
334	CHEMICAL- WATER	Packaged Drinking Water	Sulfide (as S)	APHA 4500-S2 D, 23rd Edition
335	CHEMICAL- WATER	Packaged Drinking Water	Taste	APHA 2160- B, 23rd Edition
336	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity (as CaCO3)	APHA 2320-B, 23rd Edition
337	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids (TDS)	APHA 2540-C, 23rd Edition
338	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness (as CaCO3)	APHA 2340-C, 23rd Edition

SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 17 of 19

Validity 29/12/2022 to 28/12/2024 **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
339	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	APHA 2130 -B, 23rd Edition
340	CHEMICAL- WATER	Surface Waer	Nitrate Nitrogen (as NO3)	APHA 4500-NO3 B&C, 23rd Edition
341	CHEMICAL- WATER	Surface Water	Acidity (as CaCO3)	APHA 2310-B, 23rd Edition
342	CHEMICAL- WATER	Surface Water	Ammonia (as total ammonia - N)	APHA 4500 NH3-B&C (Phenate method), 23rd Edition
343	CHEMICAL- WATER	Surface Water	Anionic Surface Active Agents (as MBAS)	IS:13428 2005, Annexure K&L
344	CHEMICAL- WATER	Surface Water	Calcium (as Ca)	APHA 3500-Ca B, 23rd Edition
345	CHEMICAL- WATER	Surface Water	Chlorides (as CL)	APHA 4500-Cl B, 23rd Edition
346	CHEMICAL- WATER	Surface Water	Colour	APHA 2120-C, 23rd Edition
347	CHEMICAL- WATER	Surface Water	Conductivity	APHA 2510-B, 23rd Edition
348	CHEMICAL- WATER	Surface Water	Cyanides (as CN)	APHA 4500-CN E, 23rd Edition
349	CHEMICAL- WATER	Surface Water	Dissolved Oxygen (DO)	APHA 4500-DC, 23rd Edition
350	CHEMICAL- WATER	Surface Water	Fluoride (as F)	APHA 4500-FD, 23rd Edition
351	CHEMICAL- WATER	Surface Water	Magnesium (as Mg	APHA 3500-Mg B, 23rd Edition
352	CHEMICAL- WATER	Surface Water	Nitrite (as NO2)	APHA 4500-NO2 B, 23rd Edition
353	CHEMICAL- WATER	Surface Water	Odour	APHA 2150, 23rd Edition
354	CHEMICAL- WATER	Surface Water	pH	APHA 4500-H+B, 23rd Edition
355	CHEMICAL- WATER	Surface Water	Phenolic Compounds (as C6H5OH)	APHA 5530-C, 23rd Edition
356	CHEMICAL- WATER	Surface Water	Potassium (as K)	APHA 3500-K B, 23rd Edition
357	CHEMICAL- WATER	Surface Water	Residual Free Chlorine	IS:3025 (Part-26)
358	CHEMICAL- WATER	Surface Water	Sodium (as Na)	APHA 3500-Na B, 23rd Edition
359	CHEMICAL- WATER	Surface Water	Sulfates (as SO4)	APHA 4500-SO42 E, 23rd Edition
360	CHEMICAL- WATER	Surface Water	Sulfide (as S)	APHA 4500-S2 D, 23rd Edition
361	CHEMICAL- WATER	Surface Water	Total Alkalinity (as CaCO3)	APHA 2320-B, 23rd Edition
362	CHEMICAL- WATER	Surface Water	Total Dissolved Solids (TDS)	APHA 2540-C, 23rd Edition
363	CHEMICAL- WATER	Surface Water	Total Hardness (as CaCO3)	APHA 2340-C, 23rd Edition
364	CHEMICAL- WATER	Surface Water	Total Solids	APHA 2540-B, 23rd Edition
365	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 2540-D, 23rd Edition

SCOPE OF ACCREDITATION

Laboratory Name : SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5582 **Page No** 18 of 19

Validity 29/12/2022 to 28/12/2024 **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
366	CHEMICAL- WATER	Surface Water	Turbidity	APHA 2130 -B, 23rd Edition
367	CHEMICAL- WATER	Water for construction purpose	Chlorides (as Cl)	IS:3025 (Part 32)
368	CHEMICAL- WATER	Water for construction purpose	Inorganic solids	IS : 3025 Part 18
369	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS: 3025 Part 18
370	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 P 11
371	CHEMICAL- WATER	Water for construction purpose	Sulphates (as SO4)	IS 3025 (Part 24)
372	CHEMICAL- WATER	Water for construction purpose	Suspended matter	IS:3025 (Part 17)
373	CHEMICAL- WATER	Water for construction purpose	Volume of 0.02 N H2SO4 required to neutralize 100ml sample of water	IS:3025 (Part 23)
374	CHEMICAL- WATER	Water for construction purpose	Volume of 0.02 N NaOH required to neutralize 100ml sample of water	IS:3025 (Part 22)
375	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS:3495 (Part-1)
376	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS:3495 (Part-2)
377	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness By Dry Sieve Method	IS:4031 (Part-1_
378	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS : 2386 (Part-4)
379	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS:2386 (Part-1)
380	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS:2386 (Part-1)
381	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS:2386 (Part-4)
382	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (4.75mm to 80mm)	IS:2386 (Part-1)
383	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material Finer than 75 micron	IS:2386 (Part-1)
384	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (0.015mm - 10mm)	IS:2386(Part-1)
385	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS:2386 (Part-3)
386	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS:2386 (Part-3)

SCOPE OF ACCREDITATION

Laboratory Name :	SV ENVIRO LABS & CONSULTANTS (LABORATORY SERVICES DIVISION), ENVIRO HOUSE, B-1, BLOCK-B, IDA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5582	**Page No**	19 of 19
Validity	29/12/2022 to 28/12/2024	**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
387	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength (CC Cube)	IS:516 Part 1 Sec 1
388	MECHANICAL- SOIL- BASIC	Soil	Free Swell Index	IS:2720 (Part-40)
389	MECHANICAL- SOIL- BASIC	Soil	Grain Size Analysis (0.075mm - 10.0mm)	IS:2720 (Part-4)
390	MECHANICAL- SOIL- BASIC	Soil	Heavy Compaction (MDD)	IS:2720 (Part-8)
391	MECHANICAL- SOIL- BASIC	Soil	Heavy Compaction (OMC)	IS:2720 (Part-8)
392	MECHANICAL- SOIL- BASIC	Soil	Light Compaction (OMC)	IS:2720 (Part-7)
393	MECHANICAL- SOIL- BASIC	Soil	Liquid Compaction (MDD)	IS:2720 (Part-7)
394	MECHANICAL- SOIL- BASIC	Soil	Liquid Limit	IS:2780 (Part-5)
395	MECHANICAL- SOIL- BASIC	Soil	Plastic Limit	IS:2720 (Part-5)

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.