National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SPECTRA ENVIROTECH PRIVATE LIMITED, PLOT NO.142/1, ERUVADA JUNCTION, SABBAVARAM MANDAL, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9903 **Page No** 1 of 8

Validity 24/09/2021 to 23/09/2023 **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- ENVIRONMENT AND POLLUTION	Industrial Effluents/ Waste Water/ ETP/STP	Coliforms	APHA 23rd Edn. 9222B
2	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Industrial Effluents/ Waste Water/ ETP/STP	Faecal Coliform (MPN)	APHA 23rd Edn. 9230B
3	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Industrial Effluents/ Waste Water/ ETP/STP	Feacal Coliform, (MFT)	APHA 23rd Edn. 9222D
4	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Industrial Effluents/ Waste Water/ ETP/STP	Legionella	APHA 23rd Edn. 9260J
5	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Industrial Effluents/ Waste Water/ ETP/STP	Listeria monocytogenes	USP Method
6	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Industrial Effluents/ Waste Water/ ETP/STP	Total Coliform (MFT)	APHA 23rd Edn. 9222B
7	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Veg/Non Veg)	Yeast & Mould Count	IS 5403
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Veg/Non-Veg)	E.coli	IS 5887 (Part 1)
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Veg/Non-Veg)	Salmonella	IS 5887 (Part 3)
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Veg/Non-Veg)	Total Bacterial Count	IS 5402
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food Veg/Non-Veg)	Coliform	IS 5401 (Part 1)
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food(Veg/Non Veg)	Staphylococcus aureus	IS 5887 (Part 2)
13	BIOLOGICAL- WATER	Drinking water	Coliform Bacteria	IS 15185
14	BIOLOGICAL- WATER	Drinking water	Escherichia Coli	USP-45 Chapter No USP(62)
15	BIOLOGICAL- WATER	Drinking water	Pseudomonas	USP-45 Chapter No(62)

SCOPE OF ACCREDITATION

Laboratory Name : SPECTRA ENVIROTECH PRIVATE LIMITED, PLOT NO.142/1, ERUVADA JUNCTION, SABBAVARAM MANDAL, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9903 **Page No** 2 of 8

Validity 24/09/2021 to 23/09/2023 **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
16	BIOLOGICAL- WATER	Drinking water	Salmonella	USP-45 Chapter No(62)
17	BIOLOGICAL- WATER	Drinking water	Staphylococcus aureus	USP-45 Chapter No(62)
18	BIOLOGICAL- WATER	Drinking water	Total Plate Count	IS 5402
19	BIOLOGICAL- WATER	Drinking water	Yeast & Mould	IS 5403
20	BIOLOGICAL- WATER	Ground water/surface water	Vibrio cholerea	APHA 23rd Edition. 9260H
21	BIOLOGICAL- WATER	Surface Water	Vibrio cholerea	IS 5887 (Part 5)
22	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrgoen Dioxide	IS 5182 (Part 6)
23	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particular Matter (Size Less Then 10um) or PM10	IS 5182 (Part 23)
24	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particular Matter (Size Less then 2.5 um) or PM2.5	IS 5182 (Part 24)
25	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part 2)
26	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Level LEq dB(A) Ambient	Noise Level LEqdB(A)Ambient	IS 9989
27	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particular Matter	IS 11255 (Part 1)
28	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide as SO2	IS 11255 (Part 2)
29	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Temprature	IS 11255 (Part 3)
30	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emissions/ Gaseous pollutants excluding vehicular	Flue gas Velocity	IS 11255 (Part 3)
31	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Available Calcium as Ca	SOP No. SEL/STP/S/LAB-01, Issue/Revision No.01/00, Issue Date :02.11.2020 based on method manual Soil Testing in India, Department of Agriculture & Cooperation Ministry of Agriculture Government of India, Page No. 10.4 & 105
32	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Moisture	IS 2720 (Part 2)
33	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Nirogen	IS 14684, Sl. No. 3

SCOPE OF ACCREDITATION

Laboratory Name : SPECTRA ENVIROTECH PRIVATE LIMITED, PLOT NO.142/1, ERUVADA JUNCTION, SABBAVARAM MANDAL, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9903 **Page No** 3 of 8

Validity 24/09/2021 to 23/09/2023 **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
34	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Phosphours	SOP No. SEL/STP/S/LAB-03, issue /Revision No.01/00, issue Date :02.11.2020,based on method manual Soil Testing in India, Department of Agriculture & Cooperation Ministry of Agriculture Government of India Page No. 95 & 96
35	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Electrical Conductivity	IS 14767
36	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Carbon	IS 2720 (Part 22)
37	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Matter	IS 2720 (Part 22)
38	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	pH	IS 2720 (Part 26)
39	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Soluble Sulphate as SO4-2	IS 2720 (Part 27)
40	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Seiments	Available Magnesium as Mg	SOP No. SEL/STP/LAB-02, Issue/Revision No.01/00, Issue date: 02.11.2020 method manual, Soil Testing in India, Department of Agriculture & Cooperation Ministry of Agriculture Government of India, Page No. 104
41	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Seiments	Soluble Chlorides	SOP No. SEL/STP/S/LAB-04, Issue//Revision No. 01/00, Issue Date 01.11.2020, (Bases on ICARDA) Page No.196 & 197
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Acidity as CaCO3	APHA 23rd Edition, 2310 B
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen as N	APHA 23rd Edition, 4500 NH3 B, C
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Bio Chemical Oxyen Demand (3 Days at 27 oC)	IS 3025 (Part 44)
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Boron as B	IS 3025 (Part 57)
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium as Ca	APHA 23rd Edition, 3500 Ca B

SCOPE OF ACCREDITATION

Laboratory Name : SPECTRA ENVIROTECH PRIVATE LIMITED, PLOT NO.142/1, ERUVADA JUNCTION, SABBAVARAM MANDAL, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9903 **Page No** 4 of 8

Validity 24/09/2021 to 23/09/2023 **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
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demend	APHA 23rd Edition, 5220 B
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chlorides as Cl-	APHA 23rd Edition 4500 Cl- B
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Conductiity @ 25 0C	APHA 23rd Edition, 2510 B
50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA 23rd Edition, 4500 C
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fixed Solids	APHA 23rd Edition, 2540 E
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluorides sa F-	APHA 23rd Edition, 4500 F- D
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron as Fe	APHA 23rd Edition, 4500 B
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium as Mg	APHA 23rd Edition, 3500 B
55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite Niotrogen as N	APHA 23rd 4500 NO2-B (Colorimetric Method)
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrogen (organic) as N	APHA 23 rd Edition, 4500 N (OrgO) B
57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 23rd Edition, 5520 B
58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH 25 0C	APHA 23rd Edition 4500 H+ B
59	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphorus as P	APHA 23rd Edition,4500 P C
60	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Residual Chlorine as Cl	APHA 23rd Edition, 4500 Cl B
61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silica as SiO2	APHA 23rd Edition, 4500 C SiO2
62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate as SO4- 2	APHA 23rd Edition, 4500 SO4-2 D
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Tempterature	APHA 23rd Edition, 2550 B
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Alkalinity as CaCo3	APHA 23rd Edition, 2320 B
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissloved Solids	APHA 23rd Edition, 2540 C

SCOPE OF ACCREDITATION

Laboratory Name : SPECTRA ENVIROTECH PRIVATE LIMITED, PLOT NO.142/1, ERUVADA JUNCTION, SABBAVARAM MANDAL, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9903 **Page No** 5 of 8

Validity 24/09/2021 to 23/09/2023 **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	Waste Water	Total Dissolved Solids	APHA 23 rd Edition, 2540C
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness as CaCO3	APHA 23rd Edition, 2340 C
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids@ 103-105oC	APHA 23rd Edition, 2540 B
69	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids@ 103-105 C	APHA 23rd Edition, 2540 D
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Volatile Solids	APHA 23rd Edition, 2540 E
71	CHEMICAL- WATER	Construction Water	Volume of 0.02 N NaoH Required to Neutralize 100 ml of sample (Acidity)	IS:456/APHA 23rd Edition, 2310 B
72	CHEMICAL- WATER	Construction Water	Chloride Content	IS 456/APHA 23rd Edition, 2310 B
73	CHEMICAL- WATER	Construction Water	Inorganic Solids	IS 456/IS 3025 (Part 18)
74	CHEMICAL- WATER	Construction Water	Organic Solids	IS 456/IS 3025 (Part 15)
75	CHEMICAL- WATER	Construction Water	pH Value	IS 456/ APHA 23rd Edition, 4500 H+ B
76	CHEMICAL- WATER	Construction Water	Sulphate Content	APHA 23rd Edition, 4500 SO4-E Turbidity Method
77	CHEMICAL- WATER	Construction Water	Suspended Matter	APHA 23rd Edition, 2540 D
78	CHEMICAL- WATER	Construction Water	Volume of 0.02N H2SO4 Required to neutralize 100ml of sample (Alakality)	APHA 23rd Edition, 2320 B
79	CHEMICAL- WATER	Drinking Water	Acidity as CaCO3	APHA 23rd Edition, 4500 B
80	CHEMICAL- WATER	Drinking Water	Biochemical Oxygen Demend (3 Days @27 oC)	IS 3025 (Part 44)
81	CHEMICAL- WATER	Drinking Water	Boron as B	APHA 23rd Edition, 4500 N (org) B-B (Curcumin Method)
82	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA 23rd Edition, 3500 B-B
83	CHEMICAL- WATER	Drinking Water	Chemical Oxygen Demend	APHA 23rd Edition, 5220 B
84	CHEMICAL- WATER	Drinking Water	Chlorides as Cl-	APHA 23rd Edition,4500 B
85	CHEMICAL- WATER	Drinking Water	Colour	APHA 23rd Edition, 2120 C
86	CHEMICAL- WATER	Drinking Water	Conuctivity @ 25 degreeC	APHA 23rd Edition, 2510 B
87	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	APHA 23rd Edition, 4500 C

SCOPE OF ACCREDITATION

Laboratory Name : SPECTRA ENVIROTECH PRIVATE LIMITED, PLOT NO.142/1, ERUVADA JUNCTION, SABBAVARAM MANDAL, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9903 **Page No** 6 of 8

Validity 24/09/2021 to 23/09/2023 **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
88	CHEMICAL- WATER	Drinking Water	Fluorides as F-	APHA 23rd Edition, 4500 F- D
89	CHEMICAL- WATER	Drinking Water	Iron as Fe	APHA 23rd Edition, 3500 Fe B
90	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 23rd Edition, 3500 Mg B
91	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen as N	APHA 23rd Edition, 4500 NO2 - B (Colorimetric)
92	CHEMICAL- WATER	Drinking Water	Oil & Grease	APHA 23rd Edition, 5520 B
93	CHEMICAL- WATER	Drinking Water	pH @ 25 C	APHA 23rd Edition, 4500 H+ B
94	CHEMICAL- WATER	Drinking Water	Phosphours	APHA 23rd Edition, 4500 P C
95	CHEMICAL- WATER	Drinking Water	Residual Chlorine	APHA 23rd Edition, 4500 Cl B
96	CHEMICAL- WATER	Drinking Water	Silica as SiO2	APHA 23rd Edition, 4500 SiO2 C
97	CHEMICAL- WATER	Drinking Water	Sulphate as SO4-2	APHA 23rd Edition, 4500 SO4-2 E Turbidity Method
98	CHEMICAL- WATER	Drinking Water	temperature	APHA 23rd Edition, 2550 B
99	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA 23rd Edition, 2320 B
100	CHEMICAL- WATER	Drinking Water	Total Dissolved Solides @ 180 C	APHA 23rd Edition, 2540 C
101	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 23rd Edition, 2340 C
102	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition, 2130 B
103	CHEMICAL- WATER	Groud water/Borewell water	Total Hardness as CaCO3	APHA 23rd Edition, 2340 C
104	CHEMICAL- WATER	Ground water/Bore well water	Acidity as CaCO3	APHA 23rd Edition, 2310 B
105	CHEMICAL- WATER	Ground water/Bore well water	Bio Chemical Oxygen Demand (3 Days @27oC)	IS 3025 (Part 44)
106	CHEMICAL- WATER	Ground water/Bore well water	Boron as B	APHA 23rd Edition, 4500 B-B (Curcumin Method)
107	CHEMICAL- WATER	Ground water/Bore well water	Calcium as Ca	APHA 23rd Edition, 3500 Ca B
108	CHEMICAL- WATER	Ground water/Bore well water	Chemical Oxygen Demand	APHA 23rd Edition, 5220 B
109	CHEMICAL- WATER	Ground water/Bore well water	Chlorides as Cl-	APHA 23rd Edition, 4500 Cl- B
110	CHEMICAL- WATER	Ground water/Bore well water	Colour	APHA 23rd Edition, 2120 C
111	CHEMICAL- WATER	Ground water/Bore well water	Conductivity @ 25ºC	APHA 23rd Edition, 2510 B
112	CHEMICAL- WATER	Ground water/Bore well water	Dissolved Oxygen	APHA 23rd Edition, 4500O C
113	CHEMICAL- WATER	Ground water/Bore well water	Fluorides as F-	APHA 23rd Edition, 4500 F- D
114	CHEMICAL- WATER	Ground water/Bore well water	Iron as Fe	APHA 23rd Edition, 3500 Fe B

SCOPE OF ACCREDITATION

Laboratory Name : SPECTRA ENVIROTECH PRIVATE LIMITED, PLOT NO.142/1, ERUVADA JUNCTION, SABBAVARAM MANDAL, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9903 **Page No** 7 of 8

Validity 24/09/2021 to 23/09/2023 **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
115	CHEMICAL- WATER	Ground water/Bore well water	Magnesium as Mg	APHA 23rd Edition, 3500 Mg B
116	CHEMICAL- WATER	Ground water/Bore well water	Nitrite	APHA 23rd Edition, 4500 NO2 - B (Colorimetric Method)
117	CHEMICAL- WATER	Ground water/Bore well water	Oil & Grease	APHA 23rd Edition, 5520 B
118	CHEMICAL- WATER	Ground water/Bore well water	pH @ 25ºC	APHA 23rd Edition, 4500 H+ B
119	CHEMICAL- WATER	Ground water/Bore well water	Phosphorus	APHA 23rd Edition, 4500 P C
120	CHEMICAL- WATER	Ground water/Bore well water	Sulphate as SO4-2	APHA 23rd Edition, 4500 SO4-2 E Turbidity Method
121	CHEMICAL- WATER	Ground water/Bore well water	Total Alkalinity as CaCO3	APHA 23rd t Edition, 2320 B
122	CHEMICAL- WATER	Ground water/bore well water	Turbidity	APHA 23rd Edition, 2130 B
123	CHEMICAL- WATER	Ground water/Borewell water	Residual Chlorine as Cl	APHA 23rd Edition, 4500 Cl B
124	CHEMICAL- WATER	Ground water/Borewell water	Silica as SiO2	APHA 23rd Edition, 4500 SiO2 C
125	CHEMICAL- WATER	Ground water/Borewell water	Total Dissolved Solids	APHA 23rd Edition, 2540 C
126	CHEMICAL- WATER	Irrigation Water	Calcium as Ca	APHA 23rd Edition,3500 Ca B
127	CHEMICAL- WATER	Irrigation Water	Chlorides as Cl-	APHA 23rd Edition,4500 Cl- B
128	CHEMICAL- WATER	Irrigation Water	Conductivity	APHA 23rd Edition, 2510 B
129	CHEMICAL- WATER	Irrigation Water	Corbonates	IS 3025 Part 51
130	CHEMICAL- WATER	Irrigation Water	Magnesium as Mg	APHA 23rd Edition, 2510 B
131	CHEMICAL- WATER	Irrigation Water	pH	APHA 23rd Edition, 4500 H+ B
132	CHEMICAL- WATER	Irrigation Water	Sulphates as SO4	APHA 23rd Edition,4500 SO4- E
133	CHEMICAL- WATER	Irrigation Water	Total Dissolved Solids @ 180 C	APHA 23rd Edition 2540 C
134	CHEMICAL- WATER	Surface water	Acidity as CaCO3	APHA 23rd Edition, 2310 B
135	CHEMICAL- WATER	Surface water	Bio Chemical Oxygen Demand (3 Days @27oC)	IS 3025 (Part 44)
136	CHEMICAL- WATER	Surface water	Boron as B	APHA 23rd Edition, 4500 B-B (Curcumin Method)
137	CHEMICAL- WATER	Surface water	Calcium as Ca	APHA 23rd Edition, 3500 Ca B
138	CHEMICAL- WATER	Surface water	Chemical Oxygen Demand	APHA 23rd Edition, 5220 B
139	CHEMICAL- WATER	Surface water	Chlorides as Cl-	APHA 23rd Edition, 4500 Cl- B
140	CHEMICAL- WATER	Surface water	Colour	APHA 23rd Edition, 2120 C
141	CHEMICAL- WATER	Surface water	Conductivity @ 25ºC	APHA 23rd Edition, 2510 B

SCOPE OF ACCREDITATION

Laboratory Name : SPECTRA ENVIROTECH PRIVATE LIMITED, PLOT NO.142/1, ERUVADA JUNCTION, SABBAVARAM MANDAL, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9903 **Page No** 8 of 8

Validity 24/09/2021 to 23/09/2023 **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
142	CHEMICAL- WATER	Surface water	Dissolved Oxygen	APHA 23rd Edition, 4500O C
143	CHEMICAL- WATER	Surface water	Fluorides as F-	APHA 23rd Edition, 4500 F-D
144	CHEMICAL- WATER	Surface water	Iron as Fe	APHA 23rd Edition, 3500 Fe B
145	CHEMICAL- WATER	Surface water	Magnesium as Mg	APHA 23rd Edition, 3500 Mg B
146	CHEMICAL- WATER	Surface water	Nitrite	APHA 23rd Edition, 4500 NO2 - B (Colorimetric Method)
147	CHEMICAL- WATER	Surface water	Oil & Grease	APHA 23rd Edition, 5520 B
148	CHEMICAL- WATER	Surface water	pH @ 25ºC	APHA 23rd Edition, 4500 H+ B
149	CHEMICAL- WATER	Surface water	Phosphorus	APHA 23rd Edition, 4500 P C
150	CHEMICAL- WATER	Surface water	Residual Chlorine as Cl	APHA 23rd Edition, 4500 Cl B
151	CHEMICAL- WATER	Surface water	Silica as SiO2	APHA 23rd Edition, 4500 SiO2 C
152	CHEMICAL- WATER	Surface water	Sulphates as SO4-2	APHA 23rd Edition, 4500 SO4-2 E Turbidity Method
153	CHEMICAL- WATER	Surface water	Temperature	APHA 23rd Edition, 2550 B
154	CHEMICAL- WATER	Surface water	Total Alkalinity as CaCO3	APHA 23rd Edition, 2320 B
155	CHEMICAL- WATER	Surface water	Total Dissolved Solids @180oC	APHA 23rd Edition, 2540 C
156	CHEMICAL- WATER	Surface water	Total Hardness as CaCO3	APHA 23rd Edition, 2340 C
157	CHEMICAL- WATER	Surface water	Turbidity	APHA 23rd Edition, 2130 B