National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AURA ENVIRONMENTAL SERVICES PVT. LTD., A-12, HARI OM INDUSTRIAL ESTATE,SARDAR PATEL RING ROAD,ODHAV, AHMEDABAD, GUJARAT, INDIA

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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	Nitrogen Dioxide as NO2	IS 5182 (Part 06)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (size less than 10 µm) as PM10	IS 5182 (Part 23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (size less than 2.5 µm) as PM 2.5	IS 5182 (Part 24)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide as SO2	IS 5182 (Part 02)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Ambient Noise Level Measurement Leq dB (A)	IS 9989
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen as NOx	IS 11255 (Part 07)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter as PM	IS 11255 (Part 01)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide as SO2	IS 11255 (Part 02)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ammonical Nitrogen as NH3-N	APHA, 23rd Edition / Preliminary Distillation Step & Titrimetric Method 4500- NH3 B & C
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	IS 3025 (Part 44)
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	IS 3025 (Part 58)
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride as Cl	APHA, 23rd Edition / Argentometric Method 4500-Cl- B
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Oxygen (DO)	APHA, 23rd Edition /Azide Modification 4500-C
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Electrical Conductivity	APHA, 23rd Edition/Laboratory Method 2510-B
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fluoride	APHA, 23rd Edition /Preliminary Distillation Step & SPADNS Method 4500- F B & D
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Hexa valent Chromium as Cr+6	APHA, 23rd Edition / Colorimetric Method 3500-Cr B

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17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Iron as Fe	APHA, 23rd Edition /Phenanthroline Method 3500 B-Fe
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrate	APHA, 23rd Edition / Ultraviolet Spectrophotometric Screening Method 4500-NO3
19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrite	APHA, 23rd Edition /Colorimetric Method 4500-NO2- B
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil & Grease	APHA, 23rd Edition /Liquid-Liquid ,Partition- Gravimetric Method 5520 B
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH	APHA, 23rd Edition / Electrometric Method 4500-H+ B
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phosphate	APHA, 23rd Edition / Stannous Chloride Method 4500-P, C-D
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Potassium as K	APHA, 23rd Edition / Flame Photometric Method 3500-K B
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Reactive Silica as SiO2	APHA,23rd Edition / Molybdosilicate Method 4500-SiO2 C
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Residual Chlorine	APHA, 23rd Edition / Iodometric Method-I 4500-Cl B
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium as Na	APHA, 23rd Edition / Flame Emission Photometric Method 3500-Na B
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulfide as H2S	APHA, 23rd Edition / Iodometric Method 4500-S-2 F
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphate as SO4	APHA, 23rd Edition / Turbidimetric Method 4500-SO42-
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	APHA, 23rd Edition / Laboratory and Field Method 2550-B
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total dissolved solids	APHA, 23rd Edition / Total Dissolved Solids Dried at 180°C 2540-C
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total solids	APHA, 23rd Edition / Total Solids Dried at 103-105°C 2540-B

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32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended solids	APHA, 23rd Edition / Total Suspended Solids Dried at 103-105°C 2540-D
33	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen as NH3-N	IS 3025 (Part 34)
34	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40)
35	CHEMICAL- WATER	Drinking Water	Calcium Hardness as CaCO3	IS 3025 (Part 40)
36	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (Part 32)
37	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen (DO)	IS 3025 (Part 38)
38	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	IS 3025 (Part 14)
39	CHEMICAL- WATER	Drinking Water	Fluoride	APHA, 23rd Edition / Preliminary Distillation Step & SPADNS Method 4500- F B & D
40	CHEMICAL- WATER	Drinking Water	Hexa valent Chromium as Cr+6	APHA, 23rd Edition / Colorimetric Method 3500-Cr B
41	CHEMICAL- WATER	Drinking Water	Iron as Fe	APHA, 23rd Edition/Phenanthroline Method 3500 B-Fe
42	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part 46)
43	CHEMICAL- WATER	Drinking Water	Magnesium Hardness as CaCO3	IS 3025 (Part 46)
44	CHEMICAL- WATER	Drinking Water	Nitrate	APHA, 23rd Edition / Ultraviolet Spectrophotometric Screening Method 4500-NO3
45	CHEMICAL- WATER	Drinking Water	Nitrite	IS 3025 (Part 34)
46	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
47	CHEMICAL- WATER	Drinking Water	Phosphate	IS 3025 (Part 31)
48	CHEMICAL- WATER	Drinking Water	Potassium as K	IS 3025 (Part 45)
49	CHEMICAL- WATER	Drinking Water	Reactive Silica as SiO2	IS 3025 (Part 35)
50	CHEMICAL- WATER	Drinking Water	Residual Chlorine	IS 3025 (Part 26)
51	CHEMICAL- WATER	Drinking Water	Sodium as Na	IS 3025 (Part 45)
52	CHEMICAL- WATER	Drinking Water	Sulfide	IS 3025 (Part 29)
53	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (Part 24)
54	CHEMICAL- WATER	Drinking Water	Temperature	IS 3025 (Part 09)
55	CHEMICAL- WATER	Drinking Water	Total Acidity as CaCO3	IS 3025 (Part 22)

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56	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
57	CHEMICAL- WATER	Drinking Water	Total dissolved solids	IS 3025 (Part 16)
58	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21)
59	CHEMICAL- WATER	Drinking Water	Total solids	IS 3025 (Part 15)
60	CHEMICAL- WATER	Drinking Water	Total Suspended solids	IS 3025 (Part 17)
61	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen as NH3-N	APHA, 23rd Edition / Preliminary Distillation Step & Titrimetric Method 4500- NH3 B & C
62	CHEMICAL- WATER	Ground Water	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	IS 3025 (Part 44)
63	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA, 23rd Edition / EDTA Titrimetric Method 3500-Ca-B
64	CHEMICAL- WATER	Ground Water	Calcium Hardness as CaCO3	APHA, 23rd Edition / EDTA Titrimetric Method 3500-Ca-B
65	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	IS 3025 (Part 58)
66	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA, 23rd Edition / Argentometric Method 4500-Cl-B
67	CHEMICAL- WATER	Ground Water	Dissolved Oxygen (DO)	APHA, 23rd Edition / Azide Modification 4500-C
68	CHEMICAL- WATER	Ground Water	Electrical Conductivity	APHA, 23rd Edition / Laboratory Method 2510-B
69	CHEMICAL- WATER	Ground Water	Fluoride	APHA, 23rd Edition / Preliminary Distillation Step & SPADNS Method 4500- F B & D
70	CHEMICAL- WATER	Ground Water	Hexa valent Chromium as Cr+6	APHA, 23rd Edition / Colorimetric Method 3500-Cr B
71	CHEMICAL- WATER	Ground Water	Iron as Fe	APHA, 23rd Edition / Phenanthroline Method 3500 B-Fe
72	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA, 23rd Edition / Calculation Method 3500 –Mg B
73	CHEMICAL- WATER	Ground Water	Magnesium Hardness as CaCO3	APHA, 23rd Edition / Calculation Method 3500 –Mg B
74	CHEMICAL- WATER	Ground Water	Nitrate	APHA, 23rd Edition / Ultraviolet Spectrophotometric Screening Method 4500-NO3

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75	CHEMICAL- WATER	Ground Water	Nitrite	APHA, 23rd Edition / Colorimetric Method 4500-NO2- B
76	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA, 23rd Edition / Liquid-Liquid ,Partition- Gravimetric Method 5520 B
77	CHEMICAL- WATER	Ground Water	pH	APHA, 23rd Edition / Electrometric Method 4500-H+ B
78	CHEMICAL- WATER	Ground Water	Phosphate	APHA, 23rd Edition / Stannous Chloride Method 4500-P, C-D
79	CHEMICAL- WATER	Ground Water	Potassium as K	APHA, 23rd Edition / Flame Photometric Method 3500-K B
80	CHEMICAL- WATER	Ground Water	Reactive Silica as SiO2	APHA,23rd Edition / Molybdosilicate Method 4500-SiO2 C
81	CHEMICAL- WATER	Ground Water	Residual Chlorine	APHA, 23rd Edition / Iodometric Method-I 4500-Cl B
82	CHEMICAL- WATER	Ground Water	Sodium as Na	APHA, 23rd Edition / Flame Emission Photometric Method 3500-Na B
83	CHEMICAL- WATER	Ground Water	Sulfide as H2S	APHA, 23rd Edition / Iodometric Method 4500-S-2 F
84	CHEMICAL- WATER	Ground Water	Sulphate SO4	APHA, 23rd Edition / Turbidimetric Method 4500-SO42-
85	CHEMICAL- WATER	Ground Water	Temperature	APHA, 23rd Edition / Laboratory and Field Method 2550-B
86	CHEMICAL- WATER	Ground Water	Total Acidity as CaCO3	APHA, 23rd Edition / Titration Method 2310-B
87	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	APHA, 23rd Edition / Titration Method 2320-B
88	CHEMICAL- WATER	Ground Water	Total dissolved solids	APHA, 23rd Edition / Total Dissolved Solids Dried at 180°C 2540-C
89	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA, 23rd Edition / EDTA Titrimetric Method 2340-C
90	CHEMICAL- WATER	Ground Water	Total solids	APHA, 23rd Edition / Total Solids Dried at 103-105°C 2540-B

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91	CHEMICAL- WATER	Ground Water	Total Suspended solids	APHA, 23rd Edition / Total Suspended Solids Dried at 103-105°C 2540-D
92	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen as NH3-N	APHA, 23rd Edition / Preliminary Distillation Step & Titrimetric Method 4500- NH3 B & C
93	CHEMICAL- WATER	Surface Water	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	IS 3025 (Part 44)
94	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA, 23rd Edition / EDTA Titrimetric Method 3500-Ca-B
95	CHEMICAL- WATER	Surface Water	Calcium Hardness as CaCO3	APHA, 23rd Edition / EDTA Titrimetric Method 3500-Ca-B
96	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	IS 3025 (Part 58)
97	CHEMICAL- WATER	Surface Water	Chloride as Cl	APHA, 23rd Edition / Argentometric Method 4500-Cl-B
98	CHEMICAL- WATER	Surface Water	Dissolved Oxygen (DO)	APHA, 23rd Edition/Azide Modification 4500-C
99	CHEMICAL- WATER	Surface Water	Electrical Conductivity	APHA, 23rd Edition/Laboratory Method 2510-B
100	CHEMICAL- WATER	Surface Water	Fluoride	APHA, 23rd Edition / Preliminary Distillation Step & SPADNS Method 4500- F B & D
101	CHEMICAL- WATER	Surface Water	Hexa valent Chromium as Cr+6	APHA, 23rd Edition / Colorimetric Method 3500-Cr B
102	CHEMICAL- WATER	Surface Water	Iron as Fe	APHA, 23rd Edition / Phenanthroline Method 3500 B-Fe
103	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA, 23rd Edition / Calculation Method 3500 –Mg B
104	CHEMICAL- WATER	Surface Water	Magnesium Hardness as CaCO3	APHA, 23rd Edition / Calculation Method 3500 –Mg B
105	CHEMICAL- WATER	Surface Water	Nitrate	APHA, 23rd Edition / Ultraviolet Spectrophotometric Screening Method 4500-NO3 B_x0002_
106	CHEMICAL- WATER	Surface Water	Nitrite	APHA, 23rd Edition / Colorimetric Method 4500-NO2- B

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107	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA, 23rd Edition / Liquid-Liquid ,Partition- Gravimetric Method 5520 B
108	CHEMICAL- WATER	Surface Water	pH	APHA, 23rd Edition / Electrometric Method 4500-H+ B
109	CHEMICAL- WATER	Surface Water	Phosphate	APHA, 23rd Edition / Stannous Chloride Method 4500-P, C-D
110	CHEMICAL- WATER	Surface Water	Potassium as K	APHA, 23rd Edition / Flame Photometric Method 3500-K B
111	CHEMICAL- WATER	Surface Water	Reactive Silica as SiO2	APHA,23rd Edition / Molybdosilicate Method 4500-SiO2 C
112	CHEMICAL- WATER	Surface Water	Residual Chlorine	APHA, 23rd Edition / Iodometric Method-I 4500-Cl B
113	CHEMICAL- WATER	Surface Water	Sodium as Na	APHA, 23rd Edition / Flame Emission Photometric Method 3500-Na B
114	CHEMICAL- WATER	Surface Water	Sulfide as H2S	APHA, 23rd Edition / Iodometric Method 4500-S-2 F
115	CHEMICAL- WATER	Surface Water	Sulphate as SO4	APHA, 23rd Edition / Turbidimetric Method 4500-SO42-
116	CHEMICAL- WATER	Surface Water	Temperature	APHA, 23rd Edition / Laboratory and Field Method 2550-B
117	CHEMICAL- WATER	Surface Water	Total Acidity as CaCO3	APHA, 23rd Edition / Titration Method 2310-B
118	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	APHA, 23rd Edition / Titration Method 2320-B
119	CHEMICAL- WATER	Surface Water	Total dissolved solids	APHA, 23rd Edition / Total Dissolved Solids Dried at 180°C 2540-C
120	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA, 23rd Edition / EDTA Titrimetric Method 2340-C
121	CHEMICAL- WATER	Surface Water	Total solids	APHA, 23rd Edition / Total Solids Dried at 103-105°C 2540-B
122	CHEMICAL- WATER	Surface Water	Total Suspended solids	APHA, 23rd Edition / Total Suspended Solids Dried at 103-105°C 2540-D