National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ENVITECH, 614, 609, ASHWMEGH COMPLEX, VADODARA, 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- POLLUTION & ENVIRONMENT	Waste (Sludge/Solid)	Moisture	IS 9235
2	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Sludge/Solid)	pH	IS 10158
3	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Sludge/Solid)	Electrical Conductivity @° C	Method 9050A: Revision 01
4	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Sludge/Solid)	Non-Volatile Substance or % Solid	IS 10158
5	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Sludge/Solid)	Total Nitrogen	IS 10158
6	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Sludge/Solid)	Volatile Substance or Loss of Ignition	IS 10158
7	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	% Sodium	GPCB Scientific Manual Section-III/2008
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride as Cl	APHA, 23rd Edition 2017/ Argentometric Method 4500-Cl-B
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen (DO)	APHA, 23rd Edition 2017/Azide Modification 4500-C
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity	APHA, 23rd Edition 2017/Laboratory Method 2510-B
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA, 23rd Edition 2017/Electrometric Method 4500-H+ B
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate	APHA, 23rd Edition 2017/Stannous Chloride Method 4500-P, C-D
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium as K	APHA, 23rd Edition 2017/Flame Photometric Method 3500-K B
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium as Na	APHA, 23rd Edition 2017/Flame Emission Photometric Method 3500-Na B
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate as SO4	APHA, 23rd Edition 2017/Turbidimetric Method 4500-SO42-
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	APHA, 23rd Edition 2017/Laboratory and Field Method 2550-B

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17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total dissolved solids	APHA, 23rd Edition 2017/ Total Dissolved Solids Dried at 180°C 2540-C
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen as TKN	APHA, 23rd Edition 2017/Macro-Kjeldahl Method 4500-Norg –B
19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total solids	APHA, 23rd Edition 2017/ Total Solids Dried at 103-105°C 2540-B
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended solids	APHA, 23rd Edition 2017/ Total Suspended Solids Dried at 103-105°C 2540-D
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	IS 3025 (Part 44)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	IS 3025 (Part 58)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium Absorption Ratio	IS 11624
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen as NH3-N	APHA, 23rd Edition 2017/Preliminary Distillation Step & Titrimetric Method 4500- NH3 B & C
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium as Ca	APHA, 23rd Edition 2017/EDTA Titrimetric Method 3500-Ca-B
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium Hardness as CaCO3	APHA, 23rd Edition 2017/EDTA Titrimetric Method 3500-Ca-B
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluoride	APHA, 23rd Edition 2017/Preliminary Distillation Step & SPADNS Method 4500-F B & D
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexa valent Chromium as Cr+6	APHA, 23rd Edition 2017/Colorimetric Method 3500-Cr B
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium as Mg	APHA, 23rd Edition 2017/Calculation Method 3500 –Mg B
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium Hardness as CaCO3	APHA, 23rd Edition 2017/Calculation Method 3500 –Mg B

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31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate	AAPHA, 23rd Edition 2017/Ultraviolet Spectrophotometric Screening Method 4500-NO3 B
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA, 23rd Edition 2017/Liquid-Liquid ,Partition-Gravimetric Method 5520 B
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness as CaCO3	APHA, 23rd Edition 2017/EDTA Titrimetric Method 2340-C
34	CHEMICAL- WATER	Drinking Water	% Sodium	GPCB Scientific Manual Section-III/2008
35	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen as NH3-N	APHA, 23rd Edition 2017/Preliminary Distillation Step & Titrimetric Method 4500- NH3 B & C
36	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA, 23rd Edition 2017/EDTA Titrimetric Method 3500-Ca-B
37	CHEMICAL- WATER	Drinking Water	Calcium Hardness as CaCO3	APHA, 23rd Edition 2017/EDTA Titrimetric Method 3500-Ca-B
38	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA, 23rd Edition 2017/ Argentometric Method 4500-Cl-B
39	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen (DO)	APHA, 23rd Edition 2017/Azide Modification 4500-C
40	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	APHA, 23rd Edition 2017/Laboratory Method 2510-B
41	CHEMICAL- WATER	Drinking Water	Fluoride	APHA, 23rd Edition 2017/Preliminary Distillation Step & SPADNS Method 4500-F B & D
42	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA, 23rd Edition 2017/Calculation Method 3500 –Mg B
43	CHEMICAL- WATER	Drinking Water	Magnesium Hardness as CaCO3	APHA, 23rd Edition 2017/Calculation Method 3500 –Mg B
44	CHEMICAL- WATER	Drinking Water	Nitrate	APHA, 23rd Edition 2017/Ultraviolet Spectrophotometric Screening Method 4500-NO3 B

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45	CHEMICAL- WATER	Drinking Water	Odor	APHA, 23rd Edition 2017/Threshold Odor Test 2150-B
46	CHEMICAL- WATER	Drinking Water	pH	APHA, 23rd Edition 2017/Liquid-Liquid ,Partition-Gravimetric Method 5520 B
47	CHEMICAL- WATER	Drinking Water	Phosphate	APHA, 23rd Edition 2017/Stannous Chloride Method 4500-P, D
48	CHEMICAL- WATER	Drinking Water	Potassium as K	APHA, 23rd Edition 2017/Flame Photometric Method 3500-K B
49	CHEMICAL- WATER	Drinking Water	Sodium Absorption Ratio	IS 11624
50	CHEMICAL- WATER	Drinking Water	Sodium as Na	APHA, 23rd Edition 2017/Flame Emission Photometric Method 3500-Na B
51	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	APHA, 23rd Edition 2017/Turbidimetric Method 4500-SO42-
52	CHEMICAL- WATER	Drinking Water	Taste	APHA, 23rd Edition 2017/Flavor Threshold Test 2160-B
53	CHEMICAL- WATER	Drinking Water	Temperature	APHA, 23rd Edition 2017/Laboratory and Field Method 2550-B
54	CHEMICAL- WATER	Drinking Water	Total Acidity as CaCO3	APHA, 23rd Edition 2017/Titration Method 2310-B
55	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA, 23rd Edition 2017/Titration Method 2320-B
56	CHEMICAL- WATER	Drinking Water	Total dissolved solids	APHA, 23rd Edition 2017/ Total Dissolved Solids Dried at 180°C 2540-C
57	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA, 23rd Edition 2017/EDTA Titrimetric Method 2340-C
58	CHEMICAL- WATER	Drinking Water	Total Kjeldahl Nitrogen as TKN	IS 3025 (Part 34)
59	CHEMICAL- WATER	Drinking Water	Total solids	APHA, 23rd Edition 2017/ Total Solids Dried at 103-105°C 2540-B
60	CHEMICAL- WATER	Drinking Water	Total Suspended solids	APHA, 23rd Edition 2017/ Total Suspended Solids Dried at 103-105°C 2540-D

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61	CHEMICAL- WATER	Ground Water	% Sodium	GPCB Scientific Manual Section-III/2008
62	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen as NH3-N	APHA, 23rd Edition 2017/Preliminary Distillation Step & Titrimetric Method 4500- NH3 B & C
63	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA, 23rd Edition 2017/EDTA Titrimetric Method 3500-Ca-B
64	CHEMICAL- WATER	Ground Water	Calcium Hardness as CaCO3	APHA, 23rd Edition 2017/EDTA Titrimetric Method 3500-Ca-B
65	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA, 23rd Edition 2017/Calculation Method 3500 –Mg B
66	CHEMICAL- WATER	Ground Water	Magnesium Hardness as CaCO3	APHA, 23rd Edition 2017/Calculation Method 3500 –Mg B
67	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA, 23rd Edition 2017/Liquid-Liquid ,Partition-Gravimetric Method 5520 B
68	CHEMICAL- WATER	Ground Water	pH	APHA, 23rd Edition 2017/Electrometric Method 4500-H+ B
69	CHEMICAL- WATER	Ground Water	Phosphate	APHA, 23rd Edition 2017/Stannous Chloride Method 4500-P, D
70	CHEMICAL- WATER	Ground Water	Potassium as K	APHA, 23rd Edition 2017/Flame Photometric Method 3500-K B
71	CHEMICAL- WATER	Ground Water	Sodium as Na	APHA, 23rd Edition 2017/Flame Emission Photometric Method 3500-Na B
72	CHEMICAL- WATER	Ground Water	Sulphate as SO4	APHA, 23rd Edition 2017/Turbidimetric Method 4500-SO42-
73	CHEMICAL- WATER	Ground Water	Temperature	APHA, 23rd Edition 2017/Laboratory and Field Method 2550-B
74	CHEMICAL- WATER	Ground Water	Total Acidity as CaCO3	APHA, 23rd Edition 2017/Titration Method 2310-B
75	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	APHA, 23rd Edition 2017/Titration Method 2320-B

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76	CHEMICAL- WATER	Ground Water	Total dissolved solids	APHA, 23rd Edition 2017/ Total Dissolved Solids Dried at 180°C 2540-C
77	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA, 23rd Edition 2017/EDTA Titrimetric Method 2340-C
78	CHEMICAL- WATER	Ground Water	Total Kjeldahl Nitrogen as TKN	APHA, 23rd Edition 2017/Macro-Kjeldahl Method 4500-Norg –B
79	CHEMICAL- WATER	Ground Water	Total solids	APHA, 23rd Edition 2017/ Total Solids Dried at 103-105°C 2540-B
80	CHEMICAL- WATER	Ground Water	Total Suspended solids	APHA, 23rd Edition 2017/ Total Suspended Solids Dried at 103-105°C 2540-D
81	CHEMICAL- WATER	Ground Water	Bio Chemical Oxygen Demand @ 27 0C for 3 Days	IS 3025 (Part 44)
82	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	IS 3025 (Part 58)
83	CHEMICAL- WATER	Ground Water	Sodium Absorption Ratio	IS 11624
84	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA, 23rd Edition 2017/ Argentometric Method 4500-Cl-B
85	CHEMICAL- WATER	Ground Water	Dissolved Oxygen (DO)	APHA, 23rd Edition 2017/Azide Modification 4500-C
86	CHEMICAL- WATER	Ground Water	Electrical Conductivity	APHA, 23rd Edition 2017/Laboratory Method 2510-B
87	CHEMICAL- WATER	Ground Water	Fluoride	APHA, 23rd Edition 2017/Preliminary Distillation Step & SPADNS Method 4500-F B & D
88	CHEMICAL- WATER	Ground Water	Nitrate	APHA, 23rd Edition 2017/Ultraviolet Spectrophotometric Screening Method 4500-NO3 B
89	CHEMICAL- WATER	Ground Water	Odor	APHA, 23rd Edition 2017/Threshold Odor Test 2150-B
90	CHEMICAL- WATER	Ground Water	Sodium as Na	APHA, 23rd Edition 2017/Flame Emission Photometric Method 3500-Na B

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91	CHEMICAL- WATER	Ground Water	Taste	APHA, 23rd Edition 2017/Flavor Threshold Test 2160-B
92	CHEMICAL- WATER	Surface Water	Total Kjeldahl Nitrogen as TKN	APHA, 23rd Edition 2017/Macro-Kjeldahl Method 4500-Norg –B
93	CHEMICAL- WATER	Surface water	% Sodium	GPCB Scientific Manual Section-III/2008
94	CHEMICAL- WATER	Surface water	Ammonical Nitrogen as NH3-N	APHA, 23rd Edition 2017/Preliminary Distillation Step & Titrimetric Method 4500- NH3 B & C
95	CHEMICAL- WATER	Surface water	Bio Chemical Oxygen Demand @ 27 0C for 3 Days	IS 3025 (Part 44)
96	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA, 23rd Edition 2017/EDTA Titrimetric Method 3500-Ca-B
97	CHEMICAL- WATER	Surface water	Calcium Hardness as CaCO3	APHA, 23rd Edition 2017/EDTA Titrimetric Method 3500-Ca-B
98	CHEMICAL- WATER	Surface water	Chemical Oxygen Demand	IS 3025 (Part 58)
99	CHEMICAL- WATER	Surface water	Chloride as Cl	APHA, 23rd Edition 2017/ Argentometric Method 4500-Cl-B
100	CHEMICAL- WATER	Surface water	Dissolved Oxygen (DO)	APHA, 23rd Edition 2017/Azide Modification 4500-C
101	CHEMICAL- WATER	Surface water	Electrical Conductivity	APHA, 23rd Edition 2017/Laboratory Method 2510-B
102	CHEMICAL- WATER	Surface Water	Fluoride	APHA, 23rd Edition 2017/Preliminary Distillation Step & SPADNS Method 4500-F B & D
103	CHEMICAL- WATER	Surface water	Magnesium as Mg	APHA, 23rd Edition 2017/Calculation Method 3500 –Mg B
104	CHEMICAL- WATER	Surface water	Magnesium Hardness as CaCO3	APHA, 23rd Edition 2017/Calculation Method 3500 –Mg B
105	CHEMICAL- WATER	Surface Water	Nitrate	APHA, 23rd Edition 2017/Ultraviolet Spectrophotometric Screening Method 4500-NO3 B

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106	CHEMICAL- WATER	Surface Water	Odor	APHA, 23rd Edition 2017/Threshold Odor Test 2150-B
107	CHEMICAL- WATER	Surface water	Oil & Grease	APHA, 23rd Edition 2017/Liquid-Liquid ,Partition-Gravimetric Method 5520 B
108	CHEMICAL- WATER	Surface Water	pH	APHA, 23rd Edition 2017/Electrometric Method 4500-H+ B
109	CHEMICAL- WATER	Surface water	Phosphate	APHA, 23rd Edition 2017/Stannous Chloride Method 4500-P, D
110	CHEMICAL- WATER	Surface water	Potassium as K	APHA, 23rd Edition 2017/Flame Photometric Method 3500-K B
111	CHEMICAL- WATER	Surface Water	Sodium Absorption Ratio	IS 11624
112	CHEMICAL- WATER	Surface water	Sodium as Na	APHA, 23rd Edition 2017/Flame Emission Photometric Method 3500-Na B
113	CHEMICAL- WATER	Surface water	Sulphate as SO4	APHA, 23rd Edition 2017/Turbidimetric Method 4500-SO42-
114	CHEMICAL- WATER	Surface Water	Taste	APHA, 23rd Edition 2017/Flavor Threshold Test 2160-B
115	CHEMICAL- WATER	Surface water	Temperature	APHA, 23rd Edition 2017/Laboratory and Field Method 2550-B
116	CHEMICAL- WATER	Surface water	Total Acidity as CaCO3	APHA, 23rd Edition 2017/Titration Method 2310-B
117	CHEMICAL- WATER	Surface water	Total Alkalinity as CaCO3	APHA, 23rd Edition 2017/Titration Method 2320-B
118	CHEMICAL- WATER	Surface water	Total dissolved solids	APHA, 23rd Edition 2017/ Total Dissolved Solids Dried at 180°C 2540-C
119	CHEMICAL- WATER	Surface water	Total Hardness as CaCO3	APHA, 23rd Edition 2017/EDTA Titrimetric Method 2340-C
120	CHEMICAL- WATER	Surface water	Total solids	APHA, 23rd Edition 2017/ Total Solids Dried at 103-105°C 2540-B

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121	CHEMICAL- WATER	Surface water	Total Suspended solids	APHA, 23rd Edition 2017/ Total Suspended Solids Dried at 103-105°C 2540-D