National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ANAND ENVIRONMENTAL CONSULTANTS PVT. LTD., 16, EVEREST TOWER, NARANPURA, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 12/04/2023 to 11/04/2025 **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	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia as NH3	401, Indophenol Method. Methods of Air Sampling and Analysis 3rd Edn.
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Chlorine as Cl2	IS 5182 (Part 19)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxide of Nitrogen as NOx	IS 5182 (Part 6)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matters - PM 2.5	IS 5182 (Part 24)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matters- PM2.5	NAQQS Monitoring and Analysis (CPCB Vol.1) Gravimetric Method
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matters-10 (PM10)	IS 5182 (Part 23)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide as SO2	IS 5182 (Part 2)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Ambient Noise level	IS 9989 and SOP/OPN/04 Issue no.01
9	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise (Excluding vibration)	Source Noise level	SOP/OPN/04:Issue No: 01
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission (Stationery Source) Monitoring	Ammonia as NH3	IS 11255 (Part 6)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission (Stationery Source) Monitoring	Oxide of Nitrogen as NOX	IS 11255 (Part 7)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission (Stationery Source) Monitoring	Particulate Matters (PM)	IS 11255 (Part 1)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission (Stationery Source) Monitoring	Sulphur Dioxide as SO2	IS 11255 (Part 2)
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Acidity as CaCO3	APHA 2310-B (23rd Edition)
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Ammonical Nitrogen as NH3-N	APHA 4500-NH3B,C (23rd Edition)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Biochemical Oxygen Demand	IS 3025 (Part 44)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Calcium as Ca+2	APHA 3500-Ca B: (23rd Edition)

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18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Calcium Hardness as CaCO3	APHA 3500-Ca B: (23rdEdition)
19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chemical Oxygen Demand	APHA 5220-B: (23rdEdition)
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chloride as Cl-	APHA 4500-Cl- B: (23rdEdition)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Colour	IS 3025 (Part 4)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Conductivity	APHA 2510-B: (23rdEdition)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Copper as Cu+2	APHA 3500-Cu B: (23rdEdition)
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Dissolved Oxygen	APHA 4500-O–B,C: (23rdEdition)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Fixed Solids	APHA 2540-E: (23rd Edition)
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Fluoride as F-	APHA 4500-F– D: (23rdEdition)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Magnesium as Mg+2	APHA 3500-Mg B: (23rd Edition)
28	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Magnesium Hardness as CaCO3	APHA 3500-Mg B: (23rdEdition)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nitrite Nitrogen as NO2- N	APHA 4500-NO2- B: (23rd Edition)
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Oil and Grease	APHA 5520-B(O&G): (23rd Edition)
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	pH	IS 3025 (Part 11)
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Phenolic Compounds as C6H5OH	APHA 5530-B,D: (23rdEdition)
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Phosphate as PO4-2	APHA 4500-P- B,D: (23rdEdition)
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Potassium	APHA 23rd Edition 3500-K B
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sodium	APHA 23rd Edition 3500-Na B
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sodium Absorption Ratio (SAR)	IS 11624

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37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sulphate as SO4-2	APHA 4500-SO4–2 E: (23rdEdition)
38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Temperature	IS 3025 (Part 9)
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Alkalinity as CaCO3	APHA 2320-B: (23rdEdition)
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Dissolved Solids	APHA 2540-C: (23rd Edition)
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Hardness as CaCO3	APHA 2340-C: (23rdEdition)
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Solids	APHA 2540-B: (23rd Edition)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Suspended Solids	APHA 2540-D: (23rd Edition)
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Turbidity	APHA 23rd Edition 2130 B
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Volatile Solids	APHA 2540-E: (23rd Edition)
46	CHEMICAL- WATER	Drinking Water	Acidity as CaCO3	APHA 2310-B: (23rd Edition)
47	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen as NH3-N	APHA 4500 NH3 B, C (23rd Edition)
48	CHEMICAL- WATER	Drinking Water	BOD	IS 3025 (Part 44)
49	CHEMICAL- WATER	Drinking Water	Calcium as Ca+2	APHA 3500-Ca B: (23rdEdition)
50	CHEMICAL- WATER	Drinking Water	Calcium Hardness as CaCO3	APHA 3500-Ca B: (23rdEdition)
51	CHEMICAL- WATER	Drinking Water	Chloride as Cl-	APHA 4500-Cl- B: (23rdEdition)
52	CHEMICAL- WATER	Drinking Water	COD	APHA 5220-B: (23rdEdition)
53	CHEMICAL- WATER	Drinking Water	Color	IS 3025 (Part 4)
54	CHEMICAL- WATER	Drinking Water	Conductivity	APHA 2510-B: (23rd Edition)
55	CHEMICAL- WATER	Drinking Water	Dissolved oxygen	APHA 4500- Oâ€“B,C: (23rdEdition)
56	CHEMICAL- WATER	Drinking Water	Fluoride as F-	APHA 4500-F– D: (23rdEdition)
57	CHEMICAL- WATER	Drinking Water	Magnesium as Mg+2	APHA 3500-Mg B: (23rdEdition)
58	CHEMICAL- WATER	Drinking Water	Magnesium Hardness as CaCO3	APHA 3500-Mg B: (23rdEdition)
59	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen as NO2- N	APHA 23rd Edition 4500-NH3 B,C

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60	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
61	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
62	CHEMICAL- WATER	Drinking Water	Phenolic Compounds as C6H5OH	APHA 5530-B,D: (23rdEdition)
63	CHEMICAL- WATER	Drinking Water	Phosphate as PO4-2	APHA 4500-P- B,D: (23rdEdition)
64	CHEMICAL- WATER	Drinking Water	Potassium	APHA 23rd Edition 3500-K B
65	CHEMICAL- WATER	Drinking Water	Sodium	APHA 23rd Edition 3500-Na B
66	CHEMICAL- WATER	Drinking Water	Sodium Absorption Ratio (SAR)	IS 11624
67	CHEMICAL- WATER	Drinking Water	Sulphates as SO4-2	APHA 4500-SO4–2 E: (23rdEdition)
68	CHEMICAL- WATER	Drinking Water	Taste	APHA 23rd Edition 2160 B
69	CHEMICAL- WATER	Drinking Water	Temperature	IS 3025 (Part 9)
70	CHEMICAL- WATER	Drinking Water	Temperature	IS 3025 (Part 9)
71	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA 2320-B: (23rdEdition)
72	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 2540-C: (23rd Edition)
73	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 2340-C: (23rdEdition)
74	CHEMICAL- WATER	Drinking Water	Total Solids	APHA 2540-B: (23rd Edition)
75	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	APHA 2540-D: (23rd Edition)
76	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition 2130 B
77	CHEMICAL- WATER	Drinking Water	Volatile Solids	APHA 2540 E(23rd Edition)
78	CHEMICAL- WATER	Ground Water/Surface Water	Acidity as CaCO3	APHA 2310-B: (23rd Edition)
79	CHEMICAL- WATER	Ground Water/Surface Water	Ammonical Nitrogen as NH3-N	APHA 4500 NH3 B, C (23rd Edition)
80	CHEMICAL- WATER	Ground Water/Surface Water	Biochemical Oxygen Demand	IS 3025 Part 44
81	CHEMICAL- WATER	Ground Water/Surface Water	Calcium as Ca+2	APHA 3500-Ca B: (23rdEdition)
82	CHEMICAL- WATER	Ground Water/Surface Water	Calcium Hardness as CaCO3	APHA 3500-Ca B: (23rdEdition)
83	CHEMICAL- WATER	Ground Water/Surface Water	Chemical Oxygen Demand (COD)	APHA 5220-B: (23rd Edition)
84	CHEMICAL- WATER	Ground Water/Surface Water	Chloride as Cl-	APHA 4500-Cl- B: (23rdEdition)
85	CHEMICAL- WATER	Ground Water/Surface Water	Color	IS 3025 (Part 4)
86	CHEMICAL- WATER	Ground Water/Surface Water	Conductivity	APHA 2510-B: (23rdEdition)

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87	CHEMICAL- WATER	Ground Water/Surface Water	Dissolved Oxygen	APHA 4500-O–B,C: (23rdEdition)
88	CHEMICAL- WATER	Ground Water/Surface Water	Fixed Solids	APHA 2540-E: (23rd Edition)
89	CHEMICAL- WATER	Ground Water/Surface Water	Fluoride as F-	APHA 4500-F– D: (23rdEdition)
90	CHEMICAL- WATER	Ground Water/Surface Water	Magnesium as Mg+2	APHA 3500-Mg B: (23rdEdition)
91	CHEMICAL- WATER	Ground Water/Surface Water	Magnesium Hardness as CaCO3	APHA 3500-Mg B: (23rdEdition)
92	CHEMICAL- WATER	Ground Water/Surface Water	Nitrite Nitrogen as NO2- N	APHA 4500-NH3B,C
93	CHEMICAL- WATER	Ground Water/Surface Water	Odour	IS 3025 (Part 5)
94	CHEMICAL- WATER	Ground Water/Surface Water	Oil and Grease	APHA 5520-B(O&G): (23rd Edition)
95	CHEMICAL- WATER	Ground Water/Surface Water	pH	IS 3025 (Part 11)
96	CHEMICAL- WATER	Ground Water/Surface Water	Phenolic Compounds as C6H5OH	APHA 5530-B,D: (23rdEdition)
97	CHEMICAL- WATER	Ground Water/Surface Water	Phosphate as PO4-2	APHA 4500-P- B,D: (23rdEdition)
98	CHEMICAL- WATER	Ground Water/Surface Water	Potassium	APHA 23rd Edition 3500-K B
99	CHEMICAL- WATER	Ground Water/Surface Water	Sodium	APHA 23rd Edition 3500-Na B
100	CHEMICAL- WATER	Ground Water/Surface Water	Sodium Absorption Ratio (SAR)	IS 11624
101	CHEMICAL- WATER	Ground Water/Surface Water	Sulphates as SO4-2	APHA 4500-SO4–2 E: (23rdEdition)
102	CHEMICAL- WATER	Ground Water/Surface Water	Taste	APHA 23rd Edition 2160 B
103	CHEMICAL- WATER	Ground Water/Surface Water	Temperature	IS 3025 (Part 9)
104	CHEMICAL- WATER	Ground Water/Surface Water	Total Alkalinity as CaCO3	APHA 2320-B: (23rdEdition)
105	CHEMICAL- WATER	Ground Water/Surface Water	Total Dissolved Solids	APHA 2540-C: (23rd Edition)
106	CHEMICAL- WATER	Ground Water/Surface Water	Total Hardness as CaCO3	APHA 2340-C: (23rdEdition)
107	CHEMICAL- WATER	Ground Water/Surface Water	Total Solids	APHA 2540-B: (23rd Edition)
108	CHEMICAL- WATER	Ground Water/Surface Water	Total Suspended Solids	APHA 2540-D: (23rd Edition)
109	CHEMICAL- WATER	Ground Water/Surface Water	Turbidity	APHA 23rd Edition 2130 B:
110	CHEMICAL- WATER	Ground Water/Surface Water	Volatile Solids	APHA 2540 E(23rd Edition)

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Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Ambient Noise level	IS 9989 and SOP/OPN/04 Issue no.01
2	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	pH	IS 3025 (Part 11)
3	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Temperature	IS 3025 (Part 9)
4	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
5	CHEMICAL- WATER	Drinking Water	Temperature	IS 3025 (Part 9)
6	CHEMICAL- WATER	Ground Water/Surface Water	pH	IS 3025 (Part 11)
7	CHEMICAL- WATER	Ground Water/Surface Water	Temperature	IS 3025 (Part 9)