National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : NEETAL LABORATORIES AND ENVIRONMENTAL SERVICES PRIVATE LIMITED, HOUSE NO. 43, SANTOSH NAGAR, AT POST: WAKI BUDRUK, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11184 **Page No** 1 of 5

Validity 24/11/2022 to 23/11/2024 **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	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	Methods of Air Sampling and Analysis, 3rd Edition (Method 401)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen	IS 5182 (Part 6)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	Methods of Air Sampling and Analysis, 3rd Edition (Method 411)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS 5182 (Part 4)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM2.5)	IS 5182 (Part 24)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulfur Dioxide	IS 5182(Part 2)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise (Lmin, Lmax, Leq)	Noise level Monitoring	IS 9989
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen	IS 11255 (Part 7)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part 1)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulfur Dioxide	IS 11255 (Part 2)
11	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Nitrogen	Methods Manual, Soil Testing in India (Department of Agriculture and Cooperation, Ministry of Agriculture, Government of India) Page No. 89
12	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Phosphorous	Methods Manual, Soil Testing in India (Department of Agriculture and Cooperation, Ministry of Agriculture, Government of India) Page No. 95
13	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Potassium	Methods Manual, Soil Testing in India (Department of Agriculture and Cooperation, Ministry of Agriculture, Government of India) Page No. 99

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14	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium Carbonate	IS 2720 (Part 23)
15	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electrical Conductivity at 25°C	IS 14767
16	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Carbon	IS 2720 (Part 22)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	IS 2720 (Part 22)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS 2720 (Part 26)
19	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sodium	Methods Manual, Soil Testing in India (Department of Agriculture and Cooperation, Ministry of Agriculture, Government of India) Page No. 149
20	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Nitrogen	IS 14684
21	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Soluble Chloride	Soil Chemical Analysis (By M.L. Jackson)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Content	IS 2720 (Part 2)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Holding Capacity	Methods Manual, Soil Testing in India (Department of Agriculture and Cooperation, Ministry of Agriculture, Government of India) Page No. 76
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biological Oxygen Demand (03 days at 27 °C)	IS 3025 (Part 44)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen as NH3-N	APHA 23rd Edition 4500-NH3 B and F
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	IS 3025 (Part 58)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride	APHA 23rd Edition 4500-Cl B
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	IS 3025 (Part 38)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexavalent Chromium	APHA 23rd Edition 3500-Cr B

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30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite as NO2	APHA 23rd Edition 4500-NO2 B
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	IS 3025 (Part 39)
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH at 25°C	APHA 23rd Edition 4500-H+ B
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate	APHA 23rd Edition 4500-SO4 E
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Phosphorous as P	APHA 23rd Edition 4500-P B and C
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 23rd Edition 2540 D
37	CHEMICAL- WATER	Drinking Water	Ammonia	IS 3025 (Part 34, Method b)
38	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 (Part 40, Method a)
39	CHEMICAL- WATER	Drinking Water	Chloride	APHA 23rd Edition 4500-Cl B
40	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025 (Part 60, Method a)
41	CHEMICAL- WATER	Drinking Water	Hexavalent Chromium	APHA 23rd Edition 3500-Cr B
42	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 23rd Edition 3500-Mg B
43	CHEMICAL- WATER	Drinking Water	Nitrate	IS 3025 (Part 34, Method 3b)
44	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
45	CHEMICAL- WATER	Drinking Water	pH at 25 °C	APHA 23rd Edition 4500-H+ B
46	CHEMICAL- WATER	Drinking Water	pH at 25 °C	IS 3025 (Part 11)
47	CHEMICAL- WATER	Drinking Water	Phenol	APHA 23rd Edition 5530 C
48	CHEMICAL- WATER	Drinking Water	Potassium	APHA 23rd Edition 3500-K B
49	CHEMICAL- WATER	Drinking Water	Residual Chlorine	IS 3025 (Part 26, Method a)
50	CHEMICAL- WATER	Drinking Water	Sodium	APHA 23rd Edition 3500-Na B
51	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 (Part 24, Section 1, Method b)
52	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part 23)
53	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (at 179 °C to 180 °C)	APHA 23rd Edition 2540 C
54	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 (Part 21, Method a)

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55	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
56	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen as NH3	APHA 23rd Edition 4500-NH3 C
57	CHEMICAL- WATER	Ground Water	Calcium	IS 3025 (Part 40, Method a)
58	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 (Part 32, Method 2)
59	CHEMICAL- WATER	Ground Water	Electrical Conductivity at 25 °C	APHA 23rd Edition 2510 B
60	CHEMICAL- WATER	Ground Water	Fluoride	IS 3025 (Part 60)
61	CHEMICAL- WATER	Ground Water	Hexavalent Chromium	APHA 23rd Edition 3500-Cr B
62	CHEMICAL- WATER	Ground Water	Magnesium	IS 3025 (Part 46, Method b)
63	CHEMICAL- WATER	Ground Water	Nitrate as NO3	IS 3025 (Part 34, Method 3b)
64	CHEMICAL- WATER	Ground Water	Nitrite as NO2	APHA 23rd Edition 4500-NO2 B
65	CHEMICAL- WATER	Ground Water	pH at 25 °C	IS 3025 (Part 11)
66	CHEMICAL- WATER	Ground Water	Potassium	APHA 23rd Edition 3500-K B
67	CHEMICAL- WATER	Ground Water	Residual Chlorine	IS 3025 (Part 26, Method a)
68	CHEMICAL- WATER	Ground Water	Silica	IS 3025 (Part 35, Method b)
69	CHEMICAL- WATER	Ground Water	Sodium	APHA 23rd Edition 3500-Na B
70	CHEMICAL- WATER	Ground Water	Sulphate	IS 3025 (Part 24, Section 1, Method b)
71	CHEMICAL- WATER	Ground Water	Total Alkalinity	IS 3025 (Part 23)
72	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	IS 3025 (Part 16)
73	CHEMICAL- WATER	Ground Water	Total Hardness	IS 3025 (Part 21, Method a)
74	CHEMICAL- WATER	Ground Water	Total Kjeldahl Nitrogen	IS :3025 (Part 34, Method c)
75	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)
76	CHEMICAL- WATER	Surface Water	Sulphate	IS 3025 (Part 24, Section 1, Method b)
77	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen as NH3	APHA 23rd Edition 4500-NH3 C
78	CHEMICAL- WATER	Surface Water	Biological Oxygen Demand (03 days at 27 °C)	IS 3025 (Part 44)
79	CHEMICAL- WATER	Surface Water	Calcium	IS 3025 (Part 40, Method a)
80	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	IS 3025 (Part 58)
81	CHEMICAL- WATER	Surface Water	Chloride	IS 3025 (Part 32, Method 2)
82	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 (Part 38)
83	CHEMICAL- WATER	Surface Water	Electrical Conductivity at 25 °C	IS 3025 (Part 14)

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84	CHEMICAL- WATER	Surface Water	Fluoride	APHA 23rd Edition 4500-F D
85	CHEMICAL- WATER	Surface Water	Hexavalent Chromium	APHA 23rd Edition 3500-Cr B
86	CHEMICAL- WATER	Surface Water	Magnesium	IS 3025 (Part 46)
87	CHEMICAL- WATER	Surface Water	Nitrate as NO3	APHA 23rd Edition 4500-NO3 B
88	CHEMICAL- WATER	Surface Water	Nitrite as NO2	APHA 23rd Edition 4500-NO2 B
89	CHEMICAL- WATER	Surface Water	pH at 25 °C	APHA 23rd Edition 4500-H+ B
90	CHEMICAL- WATER	Surface Water	Potassium	APHA 23rd Edition 3500-K B
91	CHEMICAL- WATER	Surface Water	Residual Chlorine	IS 3025 (Part 26, Method a)
92	CHEMICAL- WATER	Surface Water	Silica	IS 3025 (Part 35, Method b)
93	CHEMICAL- WATER	Surface Water	Sodium	APHA 23rd Edition 3500-Na B
94	CHEMICAL- WATER	Surface Water	Total Alkalinity	IS 3025 (Part 23)
95	CHEMICAL- WATER	Surface Water	Total Hardness	IS 3025 (Part 21, Method a)
96	CHEMICAL- WATER	Surface Water	Total Kjeldahl Nitrogen	IS 3025 (Part 34, Method c)
97	CHEMICAL- WATER	Surface Water	Total Solids	APHA 23rd Edition 2540 B
98	CHEMICAL- WATER	Surface Water	TotalDissolved Solids	APHA 23rd Edition 2540 C
99	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)