National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PRASAD ENVIRO LABS PRIVATE LIMITED, NO.10/3, 2ND FLOOR, LALBAGH ROAD, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5292 **Page No** 1 of 5

Validity 12/10/2021 to 11/10/2023 **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	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia as NH3	IS 5182 (Part-25)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient AIr	Oxides of Nitrogen as NO2	IS 5182 (Part - 6)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate matter (PM10)	IS: 5182 (Part - 23)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate matter (PM2.5)	IS: 5182 (Part - 24)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide as SO2	IS 5182 (Part - 2)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level (Excluding Vibrations)-Lmax, Lmin, Leq	IS: 9989
7	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Ammonia (as NH3)	PA/SOP-05
8	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Nitrogen Dioxide as NO2	PA/SOP-07
9	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Particulate matter	PA/SOP-08
10	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Sulphur Dioxide as SO2	PA/SOP-09
11	CHEMICAL- ATMOSPHERIC POLLUTION	Light Illumination	Illumination-Light intensity	PA/SOP-03
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Acid mist	Environmental Protection Act EPA Method Part-8
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide as CO2	PA/SOP/04
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide as CO	PA/SOP-04
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Flow Discharge Rate	IS 11255(Part-3)
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen as NOx	A/SOP/FGA/01
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen as O2	PA/SOP-04
18	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS: 11255 (Part - 1)

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Stack Temperature	IS: 11255 (Part - 3)
20	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Stack Velocity	IS: 11255 (Part - 3)
21	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide as SO2	IS: 11255 (Part - 2)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biochemical Oxygen Demand (BOD) @ 3 days	IS:3025 (Part 44)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chemical Oxygen Demand(COD)	APHA 23rd Edition- 5220 B
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chloride as Cl	APHA 23rd Edition- 4500-Cl,B
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chlorine Residual as Cl2	APHA 23rd Edition- 4500-Cl,B
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 23rd Edition-2017 5520 D
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA 23rd Edition- 4500 H,B
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids (TSS)	APHA 23rd Edition- 2540 D
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity in NTU	APHA 23rd Edition- 2130 B
30	CHEMICAL- WATER	Borewell Water	Acidity as CaCO3 upto 8.3	APHA 23rd Edition- 2310B
31	CHEMICAL- WATER	Borewell Water	Calcium as Ca	APHA 23rd Edition- 3500- Ca,B
32	CHEMICAL- WATER	Borewell Water	Chloride as Cl	APHA 23rd Edition- 4500-Cl,B
33	CHEMICAL- WATER	Borewell water	Electrical Conductivity µS/cm	APHA 23rd Edition- 2510-B
34	CHEMICAL- WATER	Borewell Water	Fluoride as F	APHA 23rd Edition- 4500-F,D
35	CHEMICAL- WATER	Borewell water	Iron as Fe	APHA 23rd Edition- 3500-Fe,B
36	CHEMICAL- WATER	Borewell Water	Magnesium as Mg	APHA 23rd Edition- 3500-Mg,B
37	CHEMICAL- WATER	Borewell Water	Nitrate Nitrogen as NO3-N	APHA 23rd Edition- 4500-NO3,E
38	CHEMICAL- WATER	Borewell Water	Nitrite Nitrogen as NO2-N	APHA 23rd Edition- 4500-NO2,B
39	CHEMICAL- WATER	Borewell Water	Oil & Grease	APHA 23rd Edition- 5520 B
40	CHEMICAL- WATER	borewell Water	pH	APHA 23rd Edition- 4500 H+,B
41	CHEMICAL- WATER	Borewell Water	Residual Free Chlorine Cl2	APHA 23rd Edition- 4500-Cl,B

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42	CHEMICAL- WATER	Borewell Water	Sulphate as SO4	APHA 23rd Edition- 4500-SO42,E
43	CHEMICAL- WATER	Borewell Water	Temperature	APHA 23rd Edition-2550 B
44	CHEMICAL- WATER	Borewell Water	Toral Alkalinity as CaCO3	APHA 23rd Edition- 2320B -
45	CHEMICAL- WATER	Borewell Water	Total Dissolved Solids (TDS)	APHA 23rd Edition- 2540 C
46	CHEMICAL- WATER	Borewell Water	Total Hardness as CaCO3	APHA 23rd Edition- 2340-C
47	CHEMICAL- WATER	Borewell water	Total Suspended Solids	APHA 23rd Edition- 2540 D
48	CHEMICAL- WATER	Borewell Water	Turbidity in NTU	APHA 23rd Edition- 2130 B
49	CHEMICAL- WATER	Drinking Water	Acidity as CaCO3 upto pH 8.3	APHA 23rd Edition-2310B
50	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA 23rd Edition- 3500- Ca,B
51	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA 23rd Edition- 4500-Cl,B
52	CHEMICAL- WATER	Drinking Water	Electrical Conductivity µS/cm	APHA 23rd Edition- 2510-B
53	CHEMICAL- WATER	Drinking Water	Fluoride as F	APHA 23rd Edition- 4500-F,D
54	CHEMICAL- WATER	Drinking Water	Iron as Fe	APHA 23rd Edition- 3500-Fe,B
55	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 23rd Edition- 3500-Mg,B
56	CHEMICAL- WATER	Drinking Water	Nitrate Nitrogen as NO3-N	APHA 23rd Edition 4500-NO3,E
57	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen as NO2-N	APHA 23rd Edition-4500-NO2,B
58	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition- 4500 H+,B
59	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine Cl2	APHA 23rd Edition-2012 4500-Cl,B
60	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	APHA 23rd Edition- 4500-SO42,E
61	CHEMICAL- WATER	Drinking Water	Temperature	APHA 23rd Edition-2550 B
62	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA 23rd Edition- 2320B
63	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	APHA 23rd Edition- 2540 C
64	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 23rd Edition- 2340-C
65	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	APHA 23rd Edition- 2540 D
66	CHEMICAL- WATER	Drinking Water	Turbidity in NTU	APHA 23rd Edition- 2130 B
67	CHEMICAL- WATER	Ground water	Acidity as CaCO3 upto 8.3	APHA 23rd Edition- 2310B
68	CHEMICAL- WATER	Ground Water	AToral Akalinity as CaCO3	APHA 23rd Edition- 2320B -
69	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA 23rd Edition- 3500- Ca,B
70	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA 23rd Edition- 4500-Cl,B

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71	CHEMICAL- WATER	Ground Water	Electrical Conductivity µS/cm	APHA 23rd Edition- 2510-B
72	CHEMICAL- WATER	Ground Water	Fluoride as F	APHA 23rd Edition- 4500-F,D
73	CHEMICAL- WATER	Ground Water	Iron as Fe	APHA 23rd Edition- 3500-Fe,B
74	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA 23rd Edition- 3500-Mg,B
75	CHEMICAL- WATER	Ground water	Nitrate Nitrogen as NO3-N	APHA 23rd Edition- 4500-NO3,E
76	CHEMICAL- WATER	Ground Water	Nitrite Nitrogen as NO2-N	APHA 23rd Edition- 4500-NO2,B
77	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 23rd Edition- 5520 B
78	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition- 4500 H+,B
79	CHEMICAL- WATER	Ground water	Residual Free Chlorine Cl2	APHA 23rd Edition- 4500-Cl,B
80	CHEMICAL- WATER	Ground Water	Sulphate as SO4	APHA 23rd Edition-4500-SO42,E
81	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Edition-2550 B
82	CHEMICAL- WATER	Ground Water	Total Dissolved Solids (TDS)	APHA 23rd Edition- 2540 C
83	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 23rd Edition- 2340-C
84	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 23rd Edition- 2540 D
85	CHEMICAL- WATER	Ground wtaer	Turbidity in NTU	APHA 23rd Edition- 2130 B
86	CHEMICAL- WATER	surface Water	Acidity as CaCO3 upto pH 8.3	APHA 23rd Edition- 2310B
87	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA 23rd Edition- 3500- Ca,B
88	CHEMICAL- WATER	Surface Water	Chloride as Cl	APHA 23rd Edition- 4500-Cl,B
89	CHEMICAL- WATER	Surface Water	Electrical Conductivity µS/cm	APHA 23rd Edition- 2510-B
90	CHEMICAL- WATER	Surface Water	Fluoride as F	APHA 23rd Edition- 4500-F,D
91	CHEMICAL- WATER	Surface Water	Iron as Fe	APHA 23rd Edition- 3500-Fe,B
92	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA 23rd Edition-3500-Mg,B
93	CHEMICAL- WATER	Surface Water	Nitrate Nitrogen as NO3-N	APHA 23rd Edition- 4500-NO3,E
94	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen as NO2-N	APHA 23rd Edition- 4500-NO2,B
95	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 23rd Edition- 5520 B
96	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition- 4500 H+,B
97	CHEMICAL- WATER	Surface Water	Residual Free Chlorine Cl2	APHA 23rd Edition- 4500-Cl,B
98	CHEMICAL- WATER	Surface Water	Sulphate as SO4	APHA 23rd Edition- 4500-SO42,E
99	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Edition-2550 B

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100	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	APHA 23rd Edition- 2320B
101	CHEMICAL- WATER	Surface water	Total Dissolved Solids (TDS)	APHA 23rd Edition- 2540 C
102	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23rd Edition- 2340-C
103	CHEMICAL- WATER	surface Water	Total Suspended Solids	APHA 23rd Edition- 2540 D
104	CHEMICAL- WATER	Surface Water	Turbidity in NTU	APHA 23rd Edition- 2130 B