National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ZONAL LABORATORY, LUCKNOW, FIRST FLOOR, PICUP BHAWAN, VIBHUTI KHAND, GOMTINAGAR, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 25/01/2023 to 24/01/2025 **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	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluent/Waste water	Total Coliform	APHA 23rd Ed, 9221-A,B & C
2	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluents/Waste water	Fecal Coliform	APHA 23rd Ed, 9221-C, 9221 E
3	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Sewage	Fecal Coliform	APHA 23rd Ed, 9221-C, 9221 E
4	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Sewage	Total Coliform	APHA 23rd Ed, 9221-A, B &C
5	BIOLOGICAL- WATER	Ground Water/ Surface Water	Faecal Coliform	APHA 23rd Ed, 9221-C, 9221 E
6	BIOLOGICAL- WATER	Ground Water/Surface Water	Total Coliform	APHA 23rd Ed, 9221-A, B, & C
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen	IS-5182(Part-6)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM10	IS 5182 (Part-23)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 (Part-2)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part-1)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide	IS 11255 (Part-2)
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Alkalinity	APHA 2320-B, 23rd Ed.
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen	APHA 4500-NH3-F, 23rd Ed.
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	BOD	APHA 5210-B, 23rd Ed.4500OC, 23rd Ed
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Boron	APHA 4500-B, C 23rd Ed.
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium	APHA 3500-Ca B, 23rd Ed.
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride	APHA 4500-Cl B, 23rd Ed.

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18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chlorine Residual	APHA 4500-CL B, 23rd Ed:
19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chromium	APHA 3111 A+B, 23rd Ed.
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chromium - VI	APHA 3500-Cr B, 23rd Ed.
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cobalt	APHA 3111 A+B, 23rd Ed.
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	COD	APHA 5220-B, 23rd Ed.
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Colour	APHA 2120-B, 23rd Ed.
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Conductivity	APHA 2510-B, 23rd Ed.
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Copper	APHA 3111 A+B, 23rd Ed.
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA 4500-OC, 23rd Ed.
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Flouride	APHA 4500-F C, 23rd Ed.
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron	APHA 3111 A+B, 23rd Ed.
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead	APHA 3111 A+B, 23rd Ed.
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium	APHA 3500-Mg B, 23rd Ed.
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Manganese	APHA 3111 A+B, 23rd Ed.
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitirite Nitrogen	APHA 4500- NO2- B, 23rd Ed.
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate Nitrogen	APHA 4500-NO3- B, 23rd Ed.
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 5520-B, 23rd Ed.
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA 4500 H+B, 23rd Ed.
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phenol	APHA 5530-B, 23rd Ed.

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37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate as P	APHA 4500-PD, 23rd Ed.
38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium	APHA 3500-K B, 23rd Ed.
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium	APHA 3500-Na B, 23rd Ed.
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate	APHA 4500-SO42-E, 23rd Ed.
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphide	APHA 4500 S2-F, 23rd Ed.
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Suspended Solid	APHA 2540-D, 23rd Ed.
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Temperature	APHA 2550 A+B, 23rd Ed.
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	TKN	APHA 4500-Norg B,, 23rd Ed.
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA 2540-C, 23rd Ed.
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	APHA 2540-B, 23rd Ed.
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	APHA 2130-B, 23rd Ed.
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Volatile Solids	APHA 2540-E, 23rd Ed.
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc	APHA 3111 A+B, 23rd Ed.
50	CHEMICAL- RESIDUES IN WATER	Water	Chromium	APHA 3111 A-B, 23rd Ed.
51	CHEMICAL- RESIDUES IN WATER	Water	Chromium VI	APHA 3500-Cr B, 23rd Ed.
52	CHEMICAL- RESIDUES IN WATER	Water	Cobalt	APHA 3111 A-B, 23rd Ed.
53	CHEMICAL- RESIDUES IN WATER	Water	Copper	APHA 3111 A-B, 23rd Ed.
54	CHEMICAL- RESIDUES IN WATER	Water	Iron	APHA 3111 A-B, 23rd Ed.
55	CHEMICAL- RESIDUES IN WATER	Water	Lead	APHA 3111 A-B, 23rd Ed.

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56	CHEMICAL- RESIDUES IN WATER	Water	Manganese	APHA 3111 A-B, 23rd Ed.
57	CHEMICAL- RESIDUES IN WATER	Water	Phenol	APHA 5530-B, 23rd Ed.
58	CHEMICAL- RESIDUES IN WATER	Water	Zinc	APHA 3111 A-B, 23rd Ed.
59	CHEMICAL- WATER	Ground Water	Alkalinity	APHA 2320-B, 23rd Ed.
60	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen	APHA 4500-NH3-F, 23rd Ed.
61	CHEMICAL- WATER	Ground Water	Biological Oxygen Demand (BOD)	APHA 5210-B, 23rd Ed.4500-OC 23rd Ed.
62	CHEMICAL- WATER	Ground Water	Calcium	APHA 3500-ca B, 23rd Ed.
63	CHEMICAL- WATER	Ground Water	Chloride	APHA 4500-Cl B, 23rd Ed.
64	CHEMICAL- WATER	Ground Water	Chlorine (Residual)	APHA 4500-Cl B, 23rd Ed.
65	CHEMICAL- WATER	Ground Water	COD	APHA 5200-B, 23rd Ed.
66	CHEMICAL- WATER	Ground Water	Colour	APHA 2120-B, 23rd Ed.
67	CHEMICAL- WATER	Ground Water	Conductivity	APHA 2510-B, 23rd Ed.
68	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	APHA 4500-OC, 23rd Ed.
69	CHEMICAL- WATER	Ground Water	Fluoride	APHA 4500-F C, 23rd Ed.
70	CHEMICAL- WATER	Ground Water	Magnesium	APHA 3500-Mg B 23rd Ed.
71	CHEMICAL- WATER	Ground Water	Nitrate Nitrogen	APHA 4500-NO3- -B 23rd Ed.
72	CHEMICAL- WATER	Ground Water	Nitrite Nitrogen	APHA 4500-NO3- -B 23rd Ed.
73	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 5520-B, 23rd Ed.
74	CHEMICAL- WATER	Ground Water	pH	APHA 4500 H+B, 23rd Ed.
75	CHEMICAL- WATER	Ground Water	Phosphate as P	APHA 4500-PD, 23rd Ed.
76	CHEMICAL- WATER	Ground Water	Potassium	APHA 3500-K B, 23rd Ed.
77	CHEMICAL- WATER	Ground Water	Sodium	APHA 3500-Na B, 23rd Ed.
78	CHEMICAL- WATER	Ground Water	Sulphate	APHA 4500-SO42-E, 23rd Ed.
79	CHEMICAL- WATER	Ground Water	Sulphide	APHA 4500 S2- F, 23rd Ed.
80	CHEMICAL- WATER	Ground Water	Suspended Solids	APHA 2540-D, 23rd Ed.
81	CHEMICAL- WATER	Ground Water	Temperature	APHA 2550-A+B, 23rd Ed.
82	CHEMICAL- WATER	Ground Water	TKN	APHA 4500-Norg B, 23rd Ed.
83	CHEMICAL- WATER	Ground Water	Total Dissolve Solids	APHA 2540-C, 23rd Ed.

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84	CHEMICAL- WATER	Ground Water	Total Hardness	APHA 2340-C, 23rd Ed.
85	CHEMICAL- WATER	Ground Water	Total Solids	APHA 2540-B, 23rd Ed.
86	CHEMICAL- WATER	Ground Water	Turbidity	APHA 2130-B, 23rd Ed.
87	CHEMICAL- WATER	Ground Water	Volatile Solids	APHA 2540-E, 23rd Ed.
88	CHEMICAL- WATER	Surface Water	Alkalinity	APHA 2320-B, 23rd Ed
89	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen	APHA 4500-NH3-F, 23rd Ed.
90	CHEMICAL- WATER	Surface Water	Biological Oxygen Demand (BOD)	APHA 5210-B, 23rd Ed. 4500 OC, 23rd Ed.
91	CHEMICAL- WATER	Surface Water	Calcium	APHA 3500-Ca B, 23rd Ed.
92	CHEMICAL- WATER	Surface Water	Chloride	APHA 4500-Cl B, 23rd Ed.
93	CHEMICAL- WATER	Surface Water	Chlorine (Residual)	APHA 4500-Cl B, 23rd Ed.
94	CHEMICAL- WATER	Surface Water	COD	APHA 5220-B, 23rd Ed.
95	CHEMICAL- WATER	Surface Water	Colour	APHA 2120-B, 23rd Ed.
96	CHEMICAL- WATER	Surface Water	Conductivity	APHA 2510-B, 23rd Ed.
97	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA4500-OC, 23rd Ed.
98	CHEMICAL- WATER	Surface Water	Fluoride	APHA 4500-F C, 23rd Ed.
99	CHEMICAL- WATER	Surface Water	Magnesium	APHA 350- Mg B 23rd Ed.
100	CHEMICAL- WATER	Surface Water	NItrate Nitrogen	APHA 4500-NO3- -B 23rd Ed.
101	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen	APHA 4500-NO2- -B 23rd Ed.
102	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 5520-B, 23rd Ed
103	CHEMICAL- WATER	Surface Water	pH	APHA 4500 H+B, 23rd Ed.
104	CHEMICAL- WATER	Surface Water	Phosphate as P	APHA 4500-PD, 23rd Ed.
105	CHEMICAL- WATER	Surface Water	Potassium	APHA 3500-K B, 23rd Ed.
106	CHEMICAL- WATER	Surface Water	Sodium	APHA 3500-Na B, 23rd Ed.
107	CHEMICAL- WATER	Surface Water	Sulphate	APHA 4500-SO42-E, 23rd Ed.
108	CHEMICAL- WATER	Surface Water	Sulphide	APHA 4500 S2-F, 23rd Ed.
109	CHEMICAL- WATER	Surface Water	Suspended Solids	APHA 2540-D, 23rd Ed.
110	CHEMICAL- WATER	Surface Water	Temperature	APHA 2550-A=B, 23rd Ed.
111	CHEMICAL- WATER	Surface Water	TKN	APHA 4500-Norg B, 23rd Ed.
112	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 2540-C, 23rd Ed.
113	CHEMICAL- WATER	Surface Water	Total Hardness	APHA 2340-C, 23rd Ed.

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114	CHEMICAL- WATER	Surface Water	Total Solids	APHA 2540-B, 23rd Ed.
115	CHEMICAL- WATER	Surface Water	Turbidity	APHA 2130-B, 23rd Ed.
116	CHEMICAL- WATER	Surface Water	Volatile Solids	APHA 2540-E, 23rd Ed.