National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : REGIONAL LABORATORY, MP POLLUTION CONTROL BOARD, SCHEME NO.78, C PART II, PLOT NO.1, VIJAY NAGAR, INDORE, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 26/06/2022 to 25/06/2024 **Last Amended on** 05/07/2022

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 Water (Effluent/ Sewage)	Biochemical Oxygen Demand (BOD) 3 days 27 0C	IS 3025(Part-44)
2	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage)	Chemical Oxygen Demand (COD)	APHA, 23 5220 B Edition (Open Reflux Method)
3	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage)	Chloride as Cl	APHA 23 4500-Cl- B Edition (Argentometric Method)
4	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage)	Chlorine (Residual)	APHA 4500 Cl B (Iodometric Method)
5	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage)	Oil & Grease	APHA 23 5520B Edition (Gravimetric Method)
6	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage)	pH	APHA 23 4500-H+B Edition (Electrometric Method)
7	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage)	Potassium as K	APHA 23 3500 K B Edition (Flame photometer Method)
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage)	Sulphate as SO4	APHA, 23 4500E Edition (Turbidimetric Method)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Total Dissolved Solid	APHA 23 Edition (Gravimetric Method)
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Total Kjeldahl Nitrogen as N	APHA, 23 4500-Norg-B Edition
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Total Solids	APHA 23 2540B Edition (Gravimetric Method)
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Total Suspended Solid	APHA 23 2540D Edition (Gravimetric Method)
13	CHEMICAL- WATER	Drinking Water	Alkalinity as CaCO3	APHA 23 2320 B (Titrimetric Method)
14	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen as NH3-N	APHA 23 4500- NH3-F Edition (Phenate Method)
15	CHEMICAL- WATER	Drinking Water	Biochemical Oxygen Demand (BOD) 3 days 27 0C	IS 3025 (Part-44)
16	CHEMICAL- WATER	Drinking Water	Boron as B	APHA 23 34500-B C Edition (Carmine Method)
17	CHEMICAL- WATER	Drinking Water	Calcium Hardness as CaCO3	APHA 23 3500 CaB Edition (EDTA Titrimetric Method)
18	CHEMICAL- WATER	Drinking Water	Chemical Oxygen Demand (COD)	APHA, 23 5220 B Edition (Open Reflux Method)

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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
19	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA, 23 4500-Cl- B Edition (Argentometric Method)
20	CHEMICAL- WATER	Drinking Water	Chlorine (Residual)	APHA, 4500 Cl B (Iodometric Method)
21	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	APHA, 23 4500- O C Edition (Azide Modification)
22	CHEMICAL- WATER	Drinking Water	Fixed dissolved solids	APHA, 23nd 2540-E Edition
23	CHEMICAL- WATER	Drinking Water	Fluoride as F	APHA, 23 4500-F- D Edition (SPANDS Method)
24	CHEMICAL- WATER	Drinking Water	Magnesium Hardness as CaCO3	APHA, 23 3500-Mg B Edition (Calculation Method)
25	CHEMICAL- WATER	Drinking Water	Nitrogen Nitrate as NO3-N	APHA, 23 4500-NO3B Edition (UV Spectrophotometeric Method)
26	CHEMICAL- WATER	Drinking Water	Nitrogen Nitrite as NO2-N	APHA, 23 4500-NO2 -B Edition (Colorimetric Method)
27	CHEMICAL- WATER	Drinking Water	Oil & Grease	APHA, 23 5520B Edition (Liquid-Liquid Partition Gravimetric Method)
28	CHEMICAL- WATER	Drinking Water	pH	APHA, 23 4500-H+B Edition (Electrometric Method)
29	CHEMICAL- WATER	Drinking Water	Phosphate as PO4-P	APHA, 23nd 4500PD Edition 23 (Stannous chloride method)
30	CHEMICAL- WATER	Drinking Water	Potassium as K	APHA, 23 3500 K B Edition (Flame photometer Method)
31	CHEMICAL- WATER	Drinking Water	Sodium as Na	APHA, 23 3500 Na B Edition (Flame-photometer Method)
32	CHEMICAL- WATER	Drinking Water	Specific Conductance	APHA, 23 2510 B Edition (conductivity meter)
33	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	APHA, 23 4500 -SO4 2 E Edition (Turbidimetric Method)
34	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	APHA, 23 2540C Edition (Gravimetric Method)
35	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA, 23 2340 C Edition (EDTA Titrimetraic Method)
36	CHEMICAL- WATER	Drinking Water	Total Kjeldahl Nitrogen as N	APHA, 23 4500-Norg-B Edition
37	CHEMICAL- WATER	Drinking Water	Total Solids	APHA, 23 2540B Edition (Gravimetric Method)

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38	CHEMICAL- WATER	Drinking Water	Total Suspended Solid	APHA, 23 2540D Edition (Gravimetric Method)
39	CHEMICAL- WATER	Drinking Water	Turbidity	APHA, 23 2130 B Edition (Nephelometric Method)
40	CHEMICAL- WATER	Ground Water	Alkalinity as CaCO3	APHA 23 Edition, 2320- B (Titrimetric Method)
41	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen as NH3-N	APHA 23 Edition, 4500- NH3-F (Phenate Method)
42	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand (BOD) 3 days 27 0C	IS 3025(Part-44)
43	CHEMICAL- WATER	Ground Water	Boron as B	APHA 23 Edition, 34500-B C (Carmine Method)
44	CHEMICAL- WATER	Ground Water	Calcium Hardness as CaCO3	APHA 23 Edition, 3500 CaB, (EDTA Titrimetric Method)
45	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand (COD)	APHA 23 Edition,5220 B, (Open Reflux Method)
46	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA 23 Edition,4500-Cl- B (Argentometric Method)
47	CHEMICAL- WATER	Ground Water	Chlorine (Residual)	APHA 23 Edition, 4500 Cl B (Iodometric Method)
48	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	APHA 23 Edition, 4500- O C (Azide Modification)
49	CHEMICAL- WATER	Ground Water	Fixed dissolved solids	APHA 23 Edition, 2540-E
50	CHEMICAL- WATER	Ground Water	Fluoride as F	APHA 23 Edition, 4500-F- D (SPANDS Method)
51	CHEMICAL- WATER	Ground Water	Magnesium Hardness as CaCO3	APHA 23 Edition,3500-Mg B (Calculation Method)
52	CHEMICAL- WATER	Ground Water	Nitrogen Nitrate as NO3-N	APHA 23 Edition, 4500-NO3B (UV Spectrophotometeric Method)
53	CHEMICAL- WATER	Ground Water	Nitrogen Nitrite as NO2-N	APHA 23 Edition, 4500-NO2 -B (Colorimetric Method)
54	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 23 Edition, 5520B (Liquid-Liquid Partition Gravimetric Method)
55	CHEMICAL- WATER	Ground Water	pH	APHA 23 Edition, 4500-H+B (Electrometric Method)

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56	CHEMICAL- WATER	Ground Water	Phosphate as PO4-P	APHA 23nd Edition, 4500PD (Stannous chloride method)
57	CHEMICAL- WATER	Ground Water	Potassium as K	APHA 23 Edition, 3500 K B (Flame photometer Method)
58	CHEMICAL- WATER	Ground Water	Sodium as Na	APHA 23 Edition,3500 Na B (Flame-photometer Method)
59	CHEMICAL- WATER	Ground Water	Specific Conductance	APHA 23 Edition, 2510 B (conductivity meter)
60	CHEMICAL- WATER	Ground Water	Sulphate as SO4	APHA 23 Edition,4500 -SO4 2 E (Turbidimetric Method)
61	CHEMICAL- WATER	Ground Water	Total Dissolved Solid	APHA 23 Edition, Gravimetric Method-2540 C
62	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 23 Edition, 2340 C (EDTA Titrimetraic Method)
63	CHEMICAL- WATER	Ground Water	Total Kjeldahl Nitrogen as N	APHA, 23 Edition 2017, 4500-Norg-B.
64	CHEMICAL- WATER	Ground Water	Total Solids	APHA, 23 Edition 2017Gravimetric Method 2540B
65	CHEMICAL- WATER	Ground Water	Total Suspended Solid	APHA, 23 Edition 2017Gravimetric Method 2540D
66	CHEMICAL- WATER	Ground Water	Turbidity	APHA, 23 Edition 2017Nephelometric Method, 2130 B
67	CHEMICAL- WATER	Surface Water	Alkalinity as CaCO3	APHA 23 Edition, 2320- B (Titrimetric Method)
68	CHEMICAL- WATER	surface water	Ammonical Nitrogen as NH3-N	APHA 23 Edition,4500- NH3-F (Phenate Method)
69	CHEMICAL- WATER	surface water	Biochemical Oxygen Demand (BOD) 3 days 27 0C	IS 3025(Part-44)
70	CHEMICAL- WATER	Surface water	Boron as B	APHA 23 Edition, 34500-B (Carmine Method)
71	CHEMICAL- WATER	Surface water	Calcium Hardness as CaCO3	APHA, 23 Edition 2017 EDTA Titrimetric Method 3500 CaB
72	CHEMICAL- WATER	Surface water	Chemical Oxygen Demand (COD)	APHA 23 Edition,5220 B, (Open Reflux Method)
73	CHEMICAL- WATER	Surface water	Chloride as Cl	APHA 23 Edition, 4500-Cl- B (Argentometric Method)

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74	CHEMICAL- WATER	Surface water	Chlorine (Residual)	APHA 23 Edition, 4500 Cl B (Iodometric Method)
75	CHEMICAL- WATER	surface water	Dissolved Oxygen	APHA 23 Edition,4500- O C,(Azide Modification)
76	CHEMICAL- WATER	Surface water	Fixed dissolved solids	APHA 23nd Edition, 2540-E
77	CHEMICAL- WATER	Surface water	Fluoride as F	APHA 23 Edition,4500-F- D (SPANDS Method)
78	CHEMICAL- WATER	Surface water	Magnesium Hardness as CaCO3	APHA 23 Edition,3500-Mg B (Calculation Method)
79	CHEMICAL- WATER	Surface water	Nitrogen Nitrate as NO3-N	APHA 23 Edition,4500-NO3B (UV Spectrophotometeric Method)
80	CHEMICAL- WATER	Surface water	Nitrogen Nitrite as NO2-N	APHA 23 Edition, 4500-NO2 -B (Colorimetric Method)
81	CHEMICAL- WATER	surface water	Oil & Grease	APHA 23 Edition, 5520B, (Liquid-Liquid Partition Gravimetric Method)
82	CHEMICAL- WATER	Surface Water	pH	APHA 23 Edition, 4500-H+B (Electrometric Method)
83	CHEMICAL- WATER	Surface water	Phosphate as PO4-P	APHA 23 Edition, 4500PD (Stannous chloride method)
84	CHEMICAL- WATER	surface water	Potassium as K	APHA 23 Edition,3500 K B (Flame –photometer Method)
85	CHEMICAL- WATER	Surface water	Sodium as Na	APHA 23 Edition, 3500 Na B, (Flame-photometer Method)
86	CHEMICAL- WATER	Surface Water	Specific Conductance	APHA 23 Edition,2510 B (conductivity meter)
87	CHEMICAL- WATER	Surface water	Sulphate as SO4	APHA 23 Edition, 4500 -SO4 2 E, (Turbidimetric Method)
88	CHEMICAL- WATER	Surface Water	Total Dissolved Solid	APHA 23 Edition, 2540C (Gravimetric Method)
89	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA, 23 Edition 2017 EDTA Titrimetraic Method 2340 C
90	CHEMICAL- WATER	surface water	Total Kjeldahl Nitrogen as N	APHA 23 Edition, 4500-Norg-B
91	CHEMICAL- WATER	Surface Water	Total Solids	APHA 23 Edition,2540B (Gravimetric Method)
92	CHEMICAL- WATER	Surface Water	Total Suspended Solid	APHA 23 Edition, 2540D, (Gravimetric Method)

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93	CHEMICAL- WATER	Surface Water	Turbidity	APHA, 23 Edition 2017, 2130 B (Nephelometric Method)