National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL LABORATORY, MP POLLUTION CONTROL BOARD, PARYAVARAN PARISAR, E/5 SECTOR, BHOPAL, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 05/07/2021 to 04/07/2023 **Last Amended on** 11/08/2021

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	Emission	Particulate Matter	IS-11255 Part I
2	CHEMICAL- ATMOSPHERIC POLLUTION	Dust	Particulate Matter (PM10)	IS 5182-23
3	CHEMICAL- ATMOSPHERIC POLLUTION	Dust/Fine Dust	Lead	IS 5182-22
4	CHEMICAL- ATMOSPHERIC POLLUTION	Dust/Fine Dust	Nickel	IS 5182-26
5	CHEMICAL- ATMOSPHERIC POLLUTION	Fine particulate matter	Fine Particulate Matter (PM2.5)	IS 5182-24
6	CHEMICAL- ATMOSPHERIC POLLUTION	Gas	Nitrogen Oxide	IS 5182-06
7	CHEMICAL- ATMOSPHERIC POLLUTION	Gas	Sulphur Dioxide	IS 5182-2
8	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Bio-Assay	IS : 6582 (Part-2)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical nitrogen as NH3	APHA, 23rd Edition, Phenate Method , 4500-NH3F
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	BOD at 27°C for 3 days	IS 3025, P-44
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Boron	APHA, 23rd Edition, Carmine method 4500B C
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cadmium	APHA, 23rd Edition, 3111B
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride as Cl	APHA, 23rd Edition, Argentometric Method 4500-Cl-B
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chromium	APHA, 23rd Edition, 3111B
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	COD	APHA, 23rd Edition, Open Reflux Method 5220 B
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Copper	APHA, 23rd Edition, 3111B
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluoride as F	APHA, 23rd Edition, SPANDS Method 4500-F D
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexavalent Chromium	APHA, 23rd Edition, Colorimetric method 3500- Cr

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron	APHA, 23rd Edition, 3111B
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead	APHA, 23rd Edition, 3111B
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Manganese	APHA, 23rd Edition, 3111B
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Mercury	APHA, 23rd Edition, 3112B
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickel	APHA, 23rd Edition, 3111B
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrogen Nitrate as NO3	APHA, 23rd Edition, 4500-NO3 B
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrogen Nitrite as NO2	APHA, 23rd Edition, 4500-NO2 B
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA, 23rd Edition 5520 B
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA, 23rd Edition, Electrometric Method 4500-H+B
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate as PO4	APHA, 23rd Edition, Stannous Chloride Method 4500-P D
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium	APHA, 23rd Edition, Flame photometric Method 3500 K B
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Residual Chlorine	APHA, 23rd Edition, Iodometric Method, 4500 Cl B
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium	APHA, 23rd Edition,Flame Emission Photometric Method 3500-Na B
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate	APHA, 23rd Edition, Turbidimetric Method 4500 SO4 E
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA, 23rd Edition, 2540 C
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	APHA, 23rd Edition, 2540 B:
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA, 23rd Edition, 2540 D
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc	APHA, 23rd Edition, 3111 B

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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
37	CHEMICAL- WATER	Water	Ammonical Nitrogen as NH3	APHA, 23rd Edition, Phenate Method , 4500-NH3F
38	CHEMICAL- WATER	Water	Turbidity	APHA, 23rd Edition, Nephelometric Method, 2130 B
39	CHEMICAL- WATER	Water	Alkalinity	APHA, 23rd Edition, Titration Method 2320 B
40	CHEMICAL- WATER	Water	Alkalinity	APHA, 23rd Edition, Titration Method 2320 B
41	CHEMICAL- WATER	Water	Ammonical Nitrogen	APHA, 23rd Edition, Phenate Method 4500-NH3F
42	CHEMICAL- WATER	Water	Ammonical Nitrogen as NH3	APHA, 23rd Edition, Phenate Method 4500-NH3 F
43	CHEMICAL- WATER	Water	BOD at 27o C - 3 days	IS 3025, P-44
44	CHEMICAL- WATER	Water	BOD at 27o C - 3 days	IS 3025, P-44
45	CHEMICAL- WATER	Water	BOD at 27oC - 3 days	IS 3025, P-44,
46	CHEMICAL- WATER	Water	Boron	APHA, 23rd Edition, 4500B B Curcumin Method
47	CHEMICAL- WATER	Water	Boron	APHA, 23rd Edition, Curcumin method4500 B B
48	CHEMICAL- WATER	Water	Boron	APHA, 23rd Edition,4500 B B Curcumin meethod
49	CHEMICAL- WATER	Water	Calcium Hardness as CaCO3	APHA, 23rd Edition, EDTA Titrimetric Method 3500 Ca B
50	CHEMICAL- WATER	Water	Calcium Hardness as CaCO3	APHA, 23rd Edition, EDTA Titrimetric Method 3500 CaB
51	CHEMICAL- WATER	Water	Calcium Hardness as CaCO3	APHA, 23rd Edition, EDTA Titrimetric Method 3500 Ca B
52	CHEMICAL- WATER	Water	Chemical Oxygen Demand	APHA, 23rd Edition, Open Reflux Method, 5220 B
53	CHEMICAL- WATER	Water	Chloride	APHA, 23rd Edition, Argentometric Method 4500-Cl
54	CHEMICAL- WATER	Water	Chloride as Cl	APHA, 23rd Edition, Argentometric Method 4500-Cl-B
55	CHEMICAL- WATER	Water	Chloride as Cl	APHA, 23rd Edition, Argentometric Method 4500Cl B

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56	CHEMICAL- WATER	Water	COD	APHA, 23rd Edition, Open Reflux Method 5220 B
57	CHEMICAL- WATER	Water	Dissolved Oxygen	APHA, 23rd Edition, Azide Modification, 4500-O C
58	CHEMICAL- WATER	Water	Fluoride as F	APHA, 23rd Edition, SPANDS Method 4500-F D
59	CHEMICAL- WATER	Water	Fluoride as F	APHA, 23rd Edition, SPANDS Method 4500-F D
60	CHEMICAL- WATER	Water	Fluoride as F	PHA, 23rd Edition, SPANDS Method 4500-F D
61	CHEMICAL- WATER	Water	Magnesium Hardness as CaCO3	APHA, 23rd Edition, Calculation Method 3500-Mg B
62	CHEMICAL- WATER	Water	Magnesium Hardness as CaCO3	APHA, 23rd Edition, Calculation Method 3500-Mg B
63	CHEMICAL- WATER	Water	Magnesium Hardness as CaCO3	APHA, 23rd Edition, Calculation Method 3500-Mg B
64	CHEMICAL- WATER	Water	Nitrate Nitrogen as NO3	APHA, 23rd Edition, 4500-NO3 B
65	CHEMICAL- WATER	Water	Nitrite Nitrogen (as NO2)	APHA, 23rd Edition, 4500-NO2 B
66	CHEMICAL- WATER	Water	Nitrogen Nitrate as NO3	APHA, 23rd Edition, 4500-NO3 B
67	CHEMICAL- WATER	Water	Nitrogen Nitrate as NO3	APHA, 23rd Edition, 4500-NO3 B
68	CHEMICAL- WATER	Water	Nitrogen Nitrite as NO2	APHA, 23rd Edition, 4500-NO2 B
69	CHEMICAL- WATER	Water	Oil & Grease	APHA, 23rd Edition 5520 B
70	CHEMICAL- WATER	Water	Oil and Grease	APHA, 23rd Edition 5520 B
71	CHEMICAL- WATER	Water	Oil and Grease	APHA, 23rd Edition 5520 B
72	CHEMICAL- WATER	Water	pH	APHA, 23rd Edition, Electrometric Method 4500-H+ B
73	CHEMICAL- WATER	Water	pH	APHA, 23rd Edition, Electrometric Method 4500-H+ B
74	CHEMICAL- WATER	Water	pH pH unit	APHA, 23rd Edition, Electrometric Method 4500-H+ B

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75	CHEMICAL- WATER	Water	Phospahate	APHA, 23rd Edition, Stannous Chloride Method 4500-P D
76	CHEMICAL- WATER	Water	Phosphate as PO4	APHA, 23rd Edition, Stannous Chloride Method 4500-P D
77	CHEMICAL- WATER	Water	Phosphate as PO4	APHA, 23rd Edition, Stannous Chloride Method 4500-P D
78	CHEMICAL- WATER	Water	Potassium	APHA, 23rd Edition, Flame photometric Method 3500 K B
79	CHEMICAL- WATER	Water	Potassium	APHA, 23rd Edition, Flame photometric Method 3500 K B
80	CHEMICAL- WATER	Water	Potassium	APHA, 23rd Edition, Flame photometric Method 3500 K B
81	CHEMICAL- WATER	Water	Residual Chlorine	APHA, 23rd Edition, Iodometric Method, 4500 Cl B
82	CHEMICAL- WATER	Water	Residual Chlorine	APHA, 23rd Edition, Iodometric Method, 4500 Cl B
83	CHEMICAL- WATER	Water	Sodium	APHA, 23rd Edition, Year 2017, Flame-photometer Method 3500 Na B
84	CHEMICAL- WATER	Water	Sodium	APHA, 23rd Edition,Flame Emission Photometric Method 3500-Na B
85	CHEMICAL- WATER	Water	Specific Conductance	APHA, 23rd Edition, 2510 B
86	CHEMICAL- WATER	Water	Specific Conductance	APHA, 23rd Edition, 2510 B
87	CHEMICAL- WATER	Water	Specific Conductance	APHA, 23rd Edition, 2510 B
88	CHEMICAL- WATER	Water	Sulphate	APHA, 23rd Edition, Turbidimetric Method 4500 SO4 E
89	CHEMICAL- WATER	Water	Total Dissolved Solids	APHA, 23rd Edition, 2540 C
90	CHEMICAL- WATER	Water	Total Dissolved Solids	APHA, 23rd Edition, 2540 C:
91	CHEMICAL- WATER	Water	Total Dissolved Solids	APHA, 23rd Edition, 2540 C
92	CHEMICAL- WATER	Water	Total Hardness	APHA, 23rd Edition, EDTA Titrimetric Method 2340 C
93	CHEMICAL- WATER	Water	Total Hardness as CaCO3	AAPHA, 23rd Edition, EDTA Titrimetric Method 2340 C
94	CHEMICAL- WATER	Water	Total Hardness as CaCO3	APHA, 23rd Edition, EDTA Titrimetric Method 2340 C

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95	CHEMICAL- WATER	Water	Total Solids	APHA, 23rd Edition, 2540 B
96	CHEMICAL- WATER	Water	Total Solids	APHA, 23rd Edition, 2540 B:
97	CHEMICAL- WATER	Water	Total Solids	APHA, 23rd Edition, 2540 B
98	CHEMICAL- WATER	Water	Total Suspended Solids	APHA, 23rd Edition, 2540 D
99	CHEMICAL- WATER	Water	Total Suspended Solids	APHA, 23rd Edition, 2540 D
100	CHEMICAL- WATER	Water	Total Suspended Solids	APHA, 23rd Edition, 2540 D
101	CHEMICAL- WATER	Water	Turbidity	APHA, 23rd Edition, Nephelometric Method, 2130 B
102	CHEMICAL- WATER	Water	Turbidity	APHA, 23rd Edition, Nephelometric Method, 2130 B