National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : REGIONAL LABORATORY, M.P.POLLUTION CONTROL BOARD, PLOT NO. 455/456, SCHEME NO.5, JABALPUR, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10006 **Page No** 1 of 4

Validity 18/10/2021 to 17/10/2023 **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- POLLUTION & ENVIRONMENT	Waste Waste (Effluents/Sewage)	Ammonical Nitrogen as NH3	APHA 23rd Edition, Titrimetric Method 4500 - NH3 F
2	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Waste (Effluents/Sewage)	B.O.D.	IS 3025 (Part-44), 3 Day @ 270C
3	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Waste (Effluents/Sewage)	Boron as B	APHA 23rd Edition, Carmine Method 4500 - B C
4	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Waste (Effluents/Sewage)	C.O.D.	APHA 23rd Edition, Open Reflux Method, 5220 - B
5	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Waste (Effluents/Sewage)	Dissolved Oxygen	APHA 23rd Edition, Azide Modification, 4500 - O B
6	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Waste (Effluents/Sewage)	Fluoride as F	APHA 23rd Edition, , SPADNS Method 4500 - F D
7	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Waste (Effluents/Sewage)	Nitrogen Nitrate as NO3	APHA 23rd Edition, Spectrophotometric Method 4500 - NO3 B
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Waste (Effluents/Sewage)	Nitrogen Nitrite as NO2	APHA 23rd Edition, Colorimetric Method 4500 - NO2 B
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Waste (Effluents/Sewage)	Oil & Grease	APHA 23rd Edition, Liquid-Liquid, Partition-Gravimetric Method 5520 - B
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Waste (Effluents/Sewage)	pH	APHA 23rd Edition, Electrometric Method 4500 - H B
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Waste (Effluents/Sewage)	Phosphate as PO4	APHA 23rd Edition, Stannous Chloride Method, 4500 - P D
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Waste (Effluents/Sewage)	Residual Chlorine as Cl2	APHA 23rd Edition, Idometric Method, 4500 - Cl B
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Waste (Effluents/Sewage)	Specific Conductance	APHA 23rd Edition, by Conductivity Meter, 2510 - B
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Waste (Effluents/Sewage)	Sulphate as SO2	APHA 23rd Edition, Turbiditimetric Method, 4500 - SO4 E
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Waste (Effluents/Sewage)	Total Dissolved Solid	APHA 23rd Edition, Gravimetric Method 2540 - C
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Waste (Effluents/Sewage)	Total Suspended Solid	APHA 23rd Edition, Gravimetric Method 2540 - D
17	CHEMICAL- WATER	Ground Water	Acidity as CaCO3	APHA 23rd Edition, Titrimetric Method 2310 - B

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18	CHEMICAL- WATER	Ground water	Alkalinity as CaCO3	APHA 23rd Edition, Titrimetric Method 2320 - B
19	CHEMICAL- WATER	Ground water	Ammonical Nitrogen as NH3	APHA 23rd Edition, Titrimetric Method 4500 - NH3 F
20	CHEMICAL- WATER	Ground Water	B.O.D.	IS:3025 (Part-44), 3 Day @ 27oC:)
21	CHEMICAL- WATER	Ground water	Boron as B	APHA 23rd Edition, Carmine Method 4500 - B
22	CHEMICAL- WATER	Ground Water	C.O.D.	APHA 23rd Edition, Open Reflux Method, 5220-B
23	CHEMICAL- WATER	Ground water	Calcium Hardness as CaCO3	APHA 23rd Edition, EDTA Titrimetric Method 2340 - C
24	CHEMICAL- WATER	Ground water	Chloride as Cl	APHA 23rd Edition, Argentometric Method 4500 -Cl B
25	CHEMICAL- WATER	Ground water	Dissolved Oxygen	APHA 23rd Edition, Azide Modification 4500 - O B
26	CHEMICAL- WATER	Ground water	Fluoride as F	APHA 23rd Edition, SPADNS Method 4500 - F D
27	CHEMICAL- WATER	Ground water	Magnesium Hardness	APHA 23rd Edition, EDTA Titrimetric Method 3500 - Mg B
28	CHEMICAL- WATER	Ground water	Nitrogen Nitrate as NO3	APHA 23rd Edition, Spectrophotometric Method 4500 - NO3 B
29	CHEMICAL- WATER	Ground Water	Nitrogen Nitrite as NO2	APHA 23rd Edition, 4500 - NO2 B Colorometric Method
30	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 23rd Edition, Liquid-Liquid, Partition-Gravimetric Method 5520 - B
31	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition, Electronic Method 4500 - H B
32	CHEMICAL- WATER	Ground Water	Phosphate as PO4	APHA 23rd Edition, Stannous Chloride Method 4500 - P D
33	CHEMICAL- WATER	Ground Water	Potassium as K	APHA 23rd Edition, Flame_Photometric Method 3500 - K B
34	CHEMICAL- WATER	Ground Water	Residual Chlorine as Cl2	APHA 23rd Edition, Idometric Method, 4500 - Cl B

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35	CHEMICAL- WATER	Ground Water	Sodium as Na	APHA 23rd Edition, Flame - Photometric Method 3500 - Na B
36	CHEMICAL- WATER	Ground Water	Specific Conductance	APHA 23rd Edition, by Conductivity Meter, 2510 - B
37	CHEMICAL- WATER	Ground Water	Sulphate as SO4	APHA 23rd Edition, Turbidimetric Method 4500 - SO4 E
38	CHEMICAL- WATER	Ground water	Temperature	APHA 23rd Edition, Thermometer 2550 - B
39	CHEMICAL- WATER	Ground Water	Total Dissolve Solid	APHA 23rd Edition, Gravimetric Method 2540 - C
40	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 23rd Edition, EDTA Titrimetric Method 2340 -C
41	CHEMICAL- WATER	Ground water	Total Suspended Solid	APHA 23rd Edition, Gravimetric Method 2540 - D
42	CHEMICAL- WATER	Ground Water	Turbidity	APHA 23rd Edition, Nephlometric Method, 2130 - B
43	CHEMICAL- WATER	Surface Water	C.O.D.	APHA 23rd Edition, Open Reflux Method, 5220-B:
44	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 23rd Edition, Liquid-Liquid, Partition-Gravimetric Method 5520 - B
45	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition, Electronic Method 4500 - H B
46	CHEMICAL- WATER	Surface Water	Potassium as K	APHA 23rd Edition, Flame_Photometric Method 3500 - K B
47	CHEMICAL- WATER	Surface Water	Residual Chlorine as Cl2	APHA 23rd Edition, Idometric Method, 4500 - Cl B
48	CHEMICAL- WATER	Surface Water	Specific Conductance	APHA 23rd Edition, by Conductivity Meter, 2510 - B
49	CHEMICAL- WATER	Surface Water	Total Dissolve Solid	APHA 23rd Edition, Gravimetric Method 2540 - C
50	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23rd Edition, EDTA Titrimetric Method 2340 -C
51	CHEMICAL- WATER	Surface Water	Total Suspended Solid	APHA 23rd Edition, Gravimetric Method 2540 - D

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52	CHEMICAL- WATER	Surface Water	Turbidity	APHA 23rd Edition, Nephlometric Method, 2130 - B
53	CHEMICAL- WATER	Surface Water	Acidity as CaCO3	APHA 23rd Edition, Titrimetric Method 2310 - B
54	CHEMICAL- WATER	Surface Water	Alkalinity as CaCO3	APHA 23rd Edition, Titrimetric Method 2320 - B
55	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen as NH3	APHA 23rd Edition, Titrimetric Method 4500 - NH3 F
56	CHEMICAL- WATER	Surface Water	B.O.D.	IS:3025 (Part-44), 3 Day @ 27oC:)
57	CHEMICAL- WATER	Surface Water	Boron as B	APHA 23rd Edition, Carmine Method 4500 - B
58	CHEMICAL- WATER	Surface Water	Calcium Hardness as CaCO3	APHA 23rd Edition, EDTA Titrimetric Method 2340 - C
59	CHEMICAL- WATER	Surface Water	Chloride as Cl	APHA 23rd Edition, Argentometric Method 4500 -Cl B:
60	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 23rd Edition, Azide Modification 4500 - O B
61	CHEMICAL- WATER	Surface Water	Fluoride as F	APHA 23rd Edition, SPADNS Method 4500 - F D
62	CHEMICAL- WATER	Surface Water	Magnesium Hardness	APHA 23rd Edition, EDTA Titrimetric Method 3500 - Mg B
63	CHEMICAL- WATER	Surface Water	Nitrogen Nitrate as NO3	APHA 23rd Edition, Spectrophotometric Method 4500 - NO3 B
64	CHEMICAL- WATER	Surface Water	Nitrogen Nitrite as NO2	APHA 23rd Edition, 4500 - NO2 B Colorometric Method
65	CHEMICAL- WATER	Surface Water	Phosphate as PO4	APHA 23rd Edition, Stannous Chloride Method 4500 - P D
66	CHEMICAL- WATER	Surface Water	Sodium as Na	APHA 23rd Edition, Flame - Photometric Method 3500 - Na B
67	CHEMICAL- WATER	Surface Water	Sulphate as SO4	APHA 23rd Edition, Turbidimetric Method 4500 - SO4 E
68	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Edition, Thermometer 2550 - B