National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : WATER TESTING LABORATORY, PUBLIC HEALTH DIVISION, PUBLIC WORKS DEPARTMENT, KURUSUKUPPAM, PUDUCHERRY, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7580 **Page No** 1 of 2

Validity 24/11/2022 to 23/11/2024 **Last Amended on** 02/12/2022

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 (Effluents/Sewage)	Dissolved Oxygen	APHA 23rd Edn;4500-O-B
2	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids	APHA 23rd Edn; 2540D
3	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Biological Oxygen Demand @27 °C for 3 days	IS 3025(Part 44)
4	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Electrical Conductivity @ 25°C	APHA,23 rd Edn;2510 B
5	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Settleable Solids	APHA,23 rd Edn ; 2540F
6	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids	APHA,23 rd Edn;2540 C
7	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Chemical Oxygen Demand	APHA 23rd Edn; 5220 B (open reflux method)
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Total Phosphate as PO4	APHA 23rd Edn;4500-P B,C
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	pH @ 25°C	APHA,23 rd Edn;4500-H+ B
10	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Phosphate as PO4	APHA, 23rd Edition, 4500-P C
11	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Alkalinity to Phenolphthalein as CaCO3	APHA, 23rd Edition, 2320 B
12	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Calcium as Ca	APHA, 23rd Edition, 3500-Ca B
13	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Chemical Oxygen Demand	APHA, 23rd Edition, 5220 B
14	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Chloride as Cl	APHA, 23rd Edition, 2017, 4500-Cl B
15	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Fluoride as F	APHA, 23rd Edition, 4500-F D
16	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Iron as Fe	APHA, 23rd Edition, 3500 Fe B
17	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Magnesium as Mg	APHA, 23rd Edition, 3500-Mg B
18	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Nitrate as NO3	PWDWTL/SOP/06 Issue No . 01 dt 24.09.2015
19	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	pH@ 25°C	APHA, 23rd Edition, 4500-H+B
20	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Potassium as K	APHA, 23rd Edition, 3500-K B
21	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Reactive Silica as SiO2	APHA, 23rd Edition, 4500-SiO2 D
22	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Sodium as Na	APHA, 23rd Edition, 3500-Na B

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23	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Sulphate as SO4	APHA, 23rd Edition, 2017, 4500-SO4 E
24	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Total Dissolved Solids	APHA, 23rd Edition, 2540 C
25	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Total Hardness as CaCO3	APHA, 23rd Edition, 2340 C
26	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Turbidity as NTU	APHA, 23rd Edition, 2130 B
27	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Electrical Conductivity @ 25°C	APHA, 23rd Edition, 2510 B
28	CHEMICAL- WATER	Drinking water/ Bore well water/ Surface water	Total Alkalinity as CaCO3	APHA, 23rd Edition, 2320 B
29	CHEMICAL- WATER	Drinking Water/ Bore well water/Surface Water	Nitrate as NO3	APHA,23rd Edn;2540 NO3 B