National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ANDHRA PRADESH POLLUTION CONTROL BOARD , ZONAL LABORATORY, 1ST & 2ND FLOOR, D. NO. 54/20/10/1, PLOT NO.41, GURUNANAK ROAD, SRI KANAKADURGA OFFICERS COLONY, VIJAYAWADA, KRISHNA, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-4084 **Page No** 1 of 3

Validity 25/04/2023 to 24/04/2025 **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	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides Of Nitrogen (NO2)	IS 5182 (Part 6)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS 5182 (Part 23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM2.5	IS 5182(part-24
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part 2)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Source or stack Emissions	Particulate Matter	IS 11255 (Part I)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Source or Stack Emissions	Sulphur Dioxide (SO2)	IS 11255 (Part-2)
7	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage & Industrial Effluents	Ammonical Nitrogen (NH3-N)	APHA (23rd Edition- 4500-NH3-C
8	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage & Industrial Effluents	Biochemical Oxygen Demand (BOD) For 3days @ 27 oC	IS 3025 (Part 44)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage & Industrial Effluents	Chemical Oxygen Demand (COD)	APHA (23rd Edition) 5220-B
10	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage & Industrial Effluents	Chloride as Cl-	APHA (23rd Edition) 4500-Cl B
11	CHEMICAL- POLLUTION & ENVIRONMENT	sewage & Industrial Effluents	Conductivity	APHA (23rdEdition) 2510-B
12	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage & Industrial Effluents	Nitrate-Nitrogen (NO3-N)	APHA (23rd Edition) 4500-NO3-B
13	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage & Industrial Effluents	pH Value	APHA (23rdEdition) 4500-H+B
14	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage & Industrial Effluents	Phosphate Phosphorus as P	APHA (23rd Edition) 4500-P D
15	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage & Industrial Effluents	Sulphates as SO4 2-	APHA (23rd Edition) 4500-SO4 E
16	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage & Industrial Effluents	Total Dissolved Solids	APHA (23rd Edition) 2540-C
17	CHEMICAL- POLLUTION & ENVIRONMENT	sewage & Industrial Effluents	Total Suspended Solids	APHA (23rdEdition) 2540-D
18	CHEMICAL- POLLUTION & ENVIRONMENT	Swage & Industrial Effluents	Oil & Grease	APHA (23rd Edition) 5520-B
19	CHEMICAL- WATER	River water and stream water	Alkalinity as CaCO3	APHA (23rd Edition) 2320-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
20	CHEMICAL- WATER	River water and stream water	Ammonical Nitrogen (NH3-N)	APHA (23rd Edition- 4500-NH3-F
21	CHEMICAL- WATER	River water and stream water	Biochemical Oxygen Demand (BOD) For 3days @ 27 oC	IS 3025 (Part 44)
22	CHEMICAL- WATER	River water and stream water	Calcium Hardness as Ca2+	APHA 23rd edition
23	CHEMICAL- WATER	River water and stream water	Calcium Hardness as CaCO3	APHA (23rd Edition) 3500-Ca B
24	CHEMICAL- WATER	River water and stream water	Chemical Oxygen Demand (COD)	APHA (23rd Edition) 5220-B
25	CHEMICAL- WATER	River water and stream water	Chloride as Cl-	APHA (23rd Edition) 4500-Cl B
26	CHEMICAL- WATER	River water and stream water	Conductivity	APHA (23rd Edition) 2510-B
27	CHEMICAL- WATER	River water and stream water	Dissolved Oxygen	APHA (23rd Edition) 4500-OC
28	CHEMICAL- WATER	River water and stream water	Fluoride as F-	APHA (23rd Edition) 4500-B & D
29	CHEMICAL- WATER	River water and stream water	Magnesium Hardness as Mg2+	APHA 23rd Edition3500-Mg B:
30	CHEMICAL- WATER	River water and stream water	Nitrate-Nitrogen (NO3-N)	APHA (23rd Edition) 4500-NO3-B
31	CHEMICAL- WATER	River water and stream water	Nitrite - Nitrogen (NO2-N)	APHA (23rdEdition) 4500-NO2-B
32	CHEMICAL- WATER	River water and stream water	pH	APHA (23rd Edition) 4500-H+B
33	CHEMICAL- WATER	River water and stream water	Phosphate-Phosphorus as P	APHA (23rd Edition) 4500-P D
34	CHEMICAL- WATER	River water and stream water	Potassium as K+	APHA (23rd Edition) 3500-B
35	CHEMICAL- WATER	River water and stream water	Sodium as Na+	APHA (23rd Edition) 3500-B
36	CHEMICAL- WATER	River water and stream water	Sulphates as SO4 2-	APHA (23rd Edition) 4500-SO4 E
37	CHEMICAL- WATER	River water and stream water	Total Dissolved Solids	APHA (23rd Edition) 2540-C
38	CHEMICAL- WATER	River water and stream water	Total Hardness as CaCO3	APHA (23rd Edition) 2340-C
39	CHEMICAL- WATER	River water and stream water	Total Suspended Solids	APHA (23rd Edition) 2540-D
40	CHEMICAL- WATER	River water and stream water	Turbidity	APHA (23rd Edition) 2130-B
41	CHEMICAL- WATER	Well and Ground water	Magnesium Hardness as Mg2+	APHA (23rd Edition 3500-Mg B
42	CHEMICAL- WATER	Well and Ground Water	Alkalinity as CaCO3	APHA (23rd Edition) 2320-B
43	CHEMICAL- WATER	well and Ground water	Ammonical Nitrogen (NH3-N)	APHA (23rd Edition-4500-NH3-F
44	CHEMICAL- WATER	Well and Ground water	Biochemical Oxygen Demand (BOD) For 3days @ 27 oC	IS 3025 (Part 44)
45	CHEMICAL- WATER	well and Ground water	Calcium Hardness as Ca2+	APHA23rd 3500-Ca B

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46	CHEMICAL- WATER	Well and ground water	Calcium Hardness as CaCO3	APHA (23rd Edition) 3500-Ca B
47	CHEMICAL- WATER	Well and Ground water	Chemical Oxygen Demand (COD)	APHA (23rd Edition) 5220-B
48	CHEMICAL- WATER	Well and ground water	Chloride as Cl-	APHA (23rd Edition) 4500-Cl B
49	CHEMICAL- WATER	well and Ground water	Conductivity	APHA (23rd Edition) 2510-B
50	CHEMICAL- WATER	Well and ground water	Dissolved Oxygen	APHA (23rd Edition) 4500-OC
51	CHEMICAL- WATER	Well and Ground Water	Fluoride as F-	APHA (23rd Edition) 4500-B & D
52	CHEMICAL- WATER	Well and ground water	Nitrate-Nitrogen (NO3-N)	APHA (23rd Edition) 4500-NO3-B
53	CHEMICAL- WATER	Well and Ground water	Nitrite - Nitrogen (NO2-N)	APHA (23rdEdition) 4500-NO2-B:
54	CHEMICAL- WATER	Well and ground water	pH	APHA (23rd Edition) 4500-H+B
55	CHEMICAL- WATER	Well and Ground water	Phosphate-Phosphorus as P	APHA (23rd Edition) 4500-P D
56	CHEMICAL- WATER	Well and ground water	Potassium as K+	APHA (23rd Edition) 3500-B
57	CHEMICAL- WATER	well and Ground water	Sodium as Na+	APHA (23rd Edition) 3500-B
58	CHEMICAL- WATER	Well and Ground Water	Sulphates as SO4 2-	APHA (23rd Edition) 4500-SO4 E
59	CHEMICAL- WATER	Well and Ground water	Total Dissolved Solids	APHA (23rd Edition) 2540-C
60	CHEMICAL- WATER	Well and Ground Water	Total Hardness as CaCO3	APHA (23rd Edition) 2340-C
61	CHEMICAL- WATER	Well and Ground water	Total Suspended Solids	APHA (23rd Edition) 2540-D
62	CHEMICAL- WATER	Well and Ground Water	Turbidity	APHA (23rd Edition) 2130-B