National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ANDHRA PRADESH POLLUTION CONTROL BOARD, ZONAL LABORATORY, 1ST FLOOR, D.NO. 561/1B, PLOT NO.1,2,8 & 9 KRISHNA NAGAR, KURNOOL, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9940 **Page No** 1 of 4

Validity 04/10/2021 to 03/10/2023 **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- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen dioxide (NO2)	IS 5182 (Part 6)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS:5182 (Part-23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part 2)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emissions	Particulate Matter	IS: 11255 (Part 1)
5	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	pH	APHA (23rd Edition) 4500-H+B
6	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/ Sewage)	Potassium as K	APHA (23rd Edition) 3500-KB
7	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Biochemical Oxygen Demand (BOD) 3 days at 270C	IS 3025 (Part 44)
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Calcium hardness as CaCO3	APHA (23rd Edition) 3500-Ca B
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand (COD)	APHA (23rd Edition) 5220-B
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride as Cl	APHA (23rd Edition) 4500-Cl B
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Conductivity	APHA (23rd Edition) 2510-B
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fluoride as F	APHA (23rd Edition) 4500-F-B&D
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Magnesium hardness as CaCO3	APHA (23rd Edition) 3500-Mg B
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrate as NO3	APHA (23rd Edition) 4500-NO3-E
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil & Grease	APHA (23rd Edition) 5520-B
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ortho Phosphate-as PO4	APHA (23rd Edition) 4500-P D
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium as Na	APHA (23rd Edition) 3500 Na B
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulfate as SO4	APHA (23rd Edition)) 4500-SO4 E

SCOPE OF ACCREDITATION

Laboratory Name : ANDHRA PRADESH POLLUTION CONTROL BOARD, ZONAL LABORATORY, 1ST FLOOR, D.NO. 561/1B, PLOT NO.1,2,8 & 9 KRISHNA NAGAR, KURNOOL, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9940 **Page No** 2 of 4

Validity 04/10/2021 to 03/10/2023 **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
19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Alkalinity as CaCO3	APHA (23rd Edition) 2320-B
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids	APHA (23rd Edition) 2540-C
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Hardness as CaCO3	APHA (23rd Edition) 2340-C
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids	APHA (23rd Edition) 2540-D,
23	CHEMICAL- WATER	Bore well / Open well	Calcium hardness as CaCO3	APHA (23rd Edition) 3500-Ca
24	CHEMICAL- WATER	Bore well / Open well	Biochemical Oxygen Demand (BOD) 3 days at 270C	IS 3025 (Part 44):
25	CHEMICAL- WATER	Bore well / Open well	Chemical Oxygen Demand (COD)	APHA (23rd Edition) 5220-B
26	CHEMICAL- WATER	Bore well / Open well	Chloride as Cl	APHA (23rd Edition) 4500-Cl B
27	CHEMICAL- WATER	Bore well / Open well	Conductivity	APHA (23rd Edition) 2510-B
28	CHEMICAL- WATER	Bore well / Open well	Fluoride as F	APHA (23rd Edition) 4500-F-B&D
29	CHEMICAL- WATER	Bore well / Open well	Magnesium hardness as CaCO3	APHA (23rd Edition) 3500-Mg B
30	CHEMICAL- WATER	Bore well / Open well	Nitrate as NO3	APHA (23rd Edition) 4500-NO3-B
31	CHEMICAL- WATER	Bore well / Open well	Oil & Grease	APHA (23rd Edition) 5520-B
32	CHEMICAL- WATER	Bore well / Open well	Ortho Phosphate as PO4	APHA (23rd Edition) 4500-P D
33	CHEMICAL- WATER	Bore well / Open well	pH	APHA (23rd Edition) 4500-H+B
34	CHEMICAL- WATER	Bore well / Open well	Potassium as K	APHA (23rd Edition) 3500-KB
35	CHEMICAL- WATER	Bore well / Open well	Sodium as Na	APHA (23rd Edition) 3500 Na B
36	CHEMICAL- WATER	Bore well / Open well	Sulfate as SO4	APHA (23rd Edition) 4500-SO4 E
37	CHEMICAL- WATER	Bore well / Open well	Total Alkalinity as CaCO3	APHA (23rd Edition) 2320-B
38	CHEMICAL- WATER	Bore well / Open well	Total Dissolved Solids	APHA (23rd Edition) 2540-C
39	CHEMICAL- WATER	Bore well / Open well	Total Hardness as CaCO3	APHA (23rd Edition) 2340-C
40	CHEMICAL- WATER	Bore well / Open well	Total Suspended Solids	APHA (23rd Edition) 2540-D
41	CHEMICAL- WATER	Bore well / Open well	Turbidity	APHA (23rd Edition) 2130-B
42	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand (BOD) 3 days at 270C	IS 3025 (Part 44)

SCOPE OF ACCREDITATION

Laboratory Name : ANDHRA PRADESH POLLUTION CONTROL BOARD, ZONAL LABORATORY, 1ST FLOOR, D.NO. 561/1B, PLOT NO.1,2,8 & 9 KRISHNA NAGAR, KURNOOL, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9940 **Page No** 3 of 4

Validity 04/10/2021 to 03/10/2023 **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
43	CHEMICAL- WATER	Ground Water	Calcium hardness as CaCO3	APHA (23rd Edition) 3500-Ca B
44	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand (COD)	APHA (23rd Edition) 5220-B
45	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA (23rd Edition) 4500-Cl B
46	CHEMICAL- WATER	Ground Water	Conductivity	APHA (23rd Edition) 2510-B
47	CHEMICAL- WATER	Ground Water	Fluoride as F	APHA (23rd Edition) 4500-F-B&D
48	CHEMICAL- WATER	Ground Water	Magnesium hardness as CaCO3	APHA (23rd Edition) 3500-Mg B
49	CHEMICAL- WATER	Ground Water	Nitrate as NO3	APHA (23rd Edition) 4500-NO3-B
50	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA (23rd Edition) 5520-B
51	CHEMICAL- WATER	Ground Water	Ortho Phosphate as PO4	APHA (23rd Edition) 4500-P D
52	CHEMICAL- WATER	Ground Water	pH	APHA (23rd Edition) 4500-H+B
53	CHEMICAL- WATER	Ground Water	Potassium as K	APHA (23rd Edition) 3500-K B
54	CHEMICAL- WATER	Ground Water	Sodium as Na	APHA (23rd Edition) 3500 Na B
55	CHEMICAL- WATER	Ground Water	Sulfate as SO4	APHA (23rd Edition) 4500-SO4 E
56	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	APHA (23rd Edition) 2320-B
57	CHEMICAL- WATER	Ground water	Total Dissolved Solids	APHA (23rd Edition) 2540-C
58	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA (23rd Edition) 2340-C
59	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA (23rd Edition) 2540-D
60	CHEMICAL- WATER	Ground Water	Turbidity	APHA (23rd Edition) 2130-B
61	CHEMICAL- WATER	Surface water (Stream water / River water)	Biochemical Oxygen Demand (BOD) 3 days at 270C	IS 3025 (Part 44): 1993
62	CHEMICAL- WATER	Surface water (Stream water / River water)	Calcium hardness as CaCO3	APHA (23rd Edition) 3500-Ca B
63	CHEMICAL- WATER	Surface water (Stream water / River water)	Chemical Oxygen Demand (COD)	APHA (23rd Edition) 5220-B
64	CHEMICAL- WATER	Surface water (Stream water / River water)	Chloride as Cl	APHA (23rd Edition) 4500-Cl B
65	CHEMICAL- WATER	Surface water (Stream water / River water)	Conductivity	APHA (23rd Edition) 2510-B
66	CHEMICAL- WATER	Surface water (Stream water / River water)	Fluoride as F	APHA (23rd Edition) 4500-F-B&D
67	CHEMICAL- WATER	Surface water (Stream water / River water)	Magnesium hardness as CaCO3	APHA (23rd Edition) 3500-Mg B
68	CHEMICAL- WATER	Surface water (Stream water / River water)	Nitrate as NO3	APHA (23rd Edition) 4500-NO3-B

SCOPE OF ACCREDITATION

Laboratory Name : ANDHRA PRADESH POLLUTION CONTROL BOARD, ZONAL LABORATORY, 1ST FLOOR, D.NO. 561/1B, PLOT NO.1,2,8 & 9 KRISHNA NAGAR, KURNOOL, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9940 **Page No** 4 of 4

Validity 04/10/2021 to 03/10/2023 **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
69	CHEMICAL- WATER	Surface water (Stream water / River water)	Oil & Grease	APHA (23rd Edition) 5520-B
70	CHEMICAL- WATER	Surface water (Stream water / River water)	Ortho Phosphate as PO4	APHA (23rd Edition) 4500-P D
71	CHEMICAL- WATER	Surface water (Stream water / River water)	pH	APHA (23rd Edition) 4500-H+B
72	CHEMICAL- WATER	Surface water (Stream water / River water)	Potassium as K	APHA (23rd Edition) 3500-KB
73	CHEMICAL- WATER	Surface water (Stream water / River water)	Sodium as Na	APHA (23rd Edition) 3500 Na B
74	CHEMICAL- WATER	Surface water (Stream water / River water)	Sulfate as SO4	APHA (23rd Edition) 4500-SO4 E
75	CHEMICAL- WATER	Surface water (Stream water / River water)	Total Alkalinity as CaCO3	APHA (23rd Edition) 2320-B
76	CHEMICAL- WATER	Surface water (Stream water / River water)	Total Dissolved Solids	APHA (23rd Edition) 2540-C
77	CHEMICAL- WATER	Surface water (Stream water / River water)	Total Hardness as CaCO3	APHA (23rd Edition) 2340-C
78	CHEMICAL- WATER	Surface water (Stream water / River water)	Total Suspended Solids	APHA (23rd Edition) 2540-D
79	CHEMICAL- WATER	Surface water (Stream water / River water)	Turbidity	APHA (23rd Edition) 2130-B