National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ECOICONS, PLOT NO. - 26, EC EXTENSION, TSIIC-IALA, ECIL X ROADS, KUSHAIGUDA, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10020 **Page No** 1 of 4

Validity 26/10/2021 to 25/10/2023 **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	Oxides of Nitrogen (µg/m3)	IS 5182 (part 6)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Oxides of Sulphur (µg/m3)	IS 5182 (PART 2)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (Size less than 10µm) or PM10 µg/m3	IS 5182 (part 23)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (Size less than 2.5µm) or PM2.5 µg/m3	IS 5182 (Part 24)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Stack	Oxides of Nitrogen	IS 11255 (Part-7)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack	Oxides of Sulphur	IS 11255 (Part 2)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack	Particulate Matter	IS 11255 (Part 1)
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonia as N	APHA 4500 NH3 B,C
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biological Oxygen Demand	IS 3025 (Part 44)
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	APHA 5220 B
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chlorides	APHA 4500 Cl- B
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA 4500 O C
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrogen - Organic	APHA 4500 N (Org) - B
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 5520 B
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA 4500 H+ B
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphates	APHA 4500 SO4 -2 D
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA 2540 C
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	APHA 2540 B

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 2540 D
20	CHEMICAL- WATER	Ground Water	Chlorides	APHA 4500 Cl-B
21	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	APHA 4500 O C
22	CHEMICAL- WATER	Ground Water	Acidity	APHA 2310 B
23	CHEMICAL- WATER	Ground Water	Alkalinity	APHA 2320 B
24	CHEMICAL- WATER	Ground Water	Biological Oxygen Demand	IS 3025 (Part 44)
25	CHEMICAL- WATER	Ground Water	Boron	APHA 4500 B B
26	CHEMICAL- WATER	Ground Water	Calcium	APHA 3500 Ca B
27	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	APHA 5220 B
28	CHEMICAL- WATER	Ground Water	Electrical conductivity	APHA 2510 B
29	CHEMICAL- WATER	Ground Water	Fluoride	APHA 4500F-D
30	CHEMICAL- WATER	Ground Water	Magnesium	APHA 3500 Mg B
31	CHEMICAL- WATER	Ground Water	Nitrate	APHA 4500 NO3- B
32	CHEMICAL- WATER	Ground Water	Nitrite Nitrogen as N	APHA NO2- B (Colorimetric Method)
33	CHEMICAL- WATER	Ground Water	Nitrogen (Ammonia) as N	APHA 4500 NH3 B, C
34	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 5520 B
35	CHEMICAL- WATER	Ground Water	pH	APHA 4500 H+B
36	CHEMICAL- WATER	Ground Water	Phosphate	APHA 4500 P C
37	CHEMICAL- WATER	Ground Water	Potassium	APHA 3500 K B
38	CHEMICAL- WATER	Ground Water	Silica	APHA 4500SiO2 C
39	CHEMICAL- WATER	Ground Water	Sodium	APHA 3500 Na B
40	CHEMICAL- WATER	Ground Water	Sulphates	APHA 4500 SO4 -2 D
41	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 2540 C
42	CHEMICAL- WATER	Ground Water	Total Hardness	APHA 2340 C
43	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 2540 D
44	CHEMICAL- WATER	Ground Water	Turbidity	APHA 2130 B
45	CHEMICAL- WATER	Purified Water	Nitrate	APHA 4500 NO3- B
46	CHEMICAL- WATER	Purified Water	Acidity	APHA 2310 B
47	CHEMICAL- WATER	Purified Water	Alkalinity	APHA 2320 B

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48	CHEMICAL- WATER	Purified Water	Biological Oxygen Demand	IS 3025 (Part 44)
49	CHEMICAL- WATER	Purified Water	Boron	APHA 4500 B B
50	CHEMICAL- WATER	Purified Water	Calcium	APHA 3500 Ca B
51	CHEMICAL- WATER	Purified Water	Chemical Oxygen Demand	APHA 5220 B
52	CHEMICAL- WATER	Purified Water	Chlorides	APHA 4500 Cl- B
53	CHEMICAL- WATER	Purified Water	Dissolved Oxygen	APHA 4500 O C
54	CHEMICAL- WATER	Purified Water	Electrical Conductivity	APHA 2510 B
55	CHEMICAL- WATER	Purified Water	Fluoride	APHA 4500 F- D
56	CHEMICAL- WATER	Purified Water	Magnesium	APHA 3500 Mg B
57	CHEMICAL- WATER	Purified Water	Nitrite Nitrogen as N	APHA 4500 NO2- B(Colorimetric Method)
58	CHEMICAL- WATER	Purified Water	Nitrogen (Ammonia) as N	APHA 4500 NH3 B, C
59	CHEMICAL- WATER	Purified Water	Oil & Grease	APHA 5520 B
60	CHEMICAL- WATER	Purified Water	pH	APHA 4500 H+ B
61	CHEMICAL- WATER	Purified Water	Phosphate	APHA 4500 P C
62	CHEMICAL- WATER	Purified Water	Potassium	APHA 3500 K B
63	CHEMICAL- WATER	Purified Water	Silica	APHA 4500 SiO2 C
64	CHEMICAL- WATER	Purified Water	Sodium	APHA 3500 Na B
65	CHEMICAL- WATER	Purified Water	Sulphates	APHA 4500 SO4 -2 D
66	CHEMICAL- WATER	Purified Water	Total Dissolved Solids	APHA 2540 C
67	CHEMICAL- WATER	Purified Water	Total Hardness	APHA 2340 C
68	CHEMICAL- WATER	Purified Water	Total Suspended Solids	APHA 2540 D
69	CHEMICAL- WATER	Purified Water	Turbidity	APHA 2130 B
70	CHEMICAL- WATER	Surface Water	Acidity	APHA 2310 B
71	CHEMICAL- WATER	Surface Water	Alkalinity	APHA 2320 B
72	CHEMICAL- WATER	Surface Water	Biological Oxygen Demand	IS 3025 (Part 44)
73	CHEMICAL- WATER	Surface Water	Boron	APHA 4500 B B
74	CHEMICAL- WATER	Surface Water	Calcium	APHA 3500 Ca B
75	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	APHA 5220 B
76	CHEMICAL- WATER	Surface Water	Chlorides	APHA 4500 Cl- B
77	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 4500 O C

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78	CHEMICAL- WATER	Surface Water	Electrical Conductivity	APHA 2510 B
79	CHEMICAL- WATER	Surface Water	Fluoride	APHA 4500 F- D
80	CHEMICAL- WATER	Surface Water	Magnesium	APHA 3500 Mg B
81	CHEMICAL- WATER	Surface Water	Nitrate	APHA 4500 NO3- B
82	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen as N	APHA NO2- B(Colorimetric Method)
83	CHEMICAL- WATER	Surface Water	Nitrogen (Ammonia) as N	APHA 4500 NH3 B, C
84	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 5520 B
85	CHEMICAL- WATER	Surface Water	pH	APHA 4500 H+ B
86	CHEMICAL- WATER	Surface Water	Phosphate	APHA 4500 P C
87	CHEMICAL- WATER	Surface Water	Potassium	APHA 3500 K B
88	CHEMICAL- WATER	Surface Water	Silica	APHA 4500 SiO2 C
89	CHEMICAL- WATER	Surface Water	Sodium	APHA 3500 Na B
90	CHEMICAL- WATER	Surface Water	Sulphates	APHA 4500 SO4 -2 D
91	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 2540 C
92	CHEMICAL- WATER	Surface Water	Total Hardness	APHA 2340 C
93	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 2540 D
94	CHEMICAL- WATER	Surface Water	Turbidity	APHA 2130 B