National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ENVIRONMENT LABORATORY OF GITCO LTD., "GITCO HOUSE", NAVRANGPURA, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 12/10/2022 to 11/10/2024 **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	Ammonia	IS 5182 Part 25
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Chlorine	IS 5182 (Part 19)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Oxide of Nitrogen (NOx)	IS 5182 (Part 6)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (PM 2.5)	IS 5182 Part 24
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate matter (PM10)	IS 5182 (Part 23)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur Dioxide (SO2)	IS 5182(Part 2)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Ammonia	IS 11255 (Part 6)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxide of Nitrogen	IS 11255 (Part 7)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate Matter (PM)	IS 11255 (Part 1)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide (SO2)	IS 11255 (Part 2)
11	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Acidity	IS 3025 (Part 22)
12	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Alkalinity	APHA (23rd Edition) 2320 B
13	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Ammonical Nitrogen	APHA (23rd Edition) 4500 NH3 C
14	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Biochemical Oxygen Demand (BOD)	IS 3025 (Part 44)
15	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Calcium as Ca	APHA (23rd Edition) 3500 Ca B
16	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Calcium Hardness	APHA (23rd Edition) 3500 Ca B
17	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Chemical Oxygen Demand (COD)	APHA (23rd Edition) 5220 B
18	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Chloride	APHA (23rd Edition) 4500 Cl- B

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Colour	APHA (23rd Edition) 2120 C
20	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Conductivity	APHA (23rd Edition) 2510 B
21	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Copper	APHA (23rd Edition) 3500 Cu B
22	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Dissolved Oxygen (DO)	IS 3025 (Part 38)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Fixed Solids	APHA (23rd Edition) 2540 E
24	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Fluoride	APHA (23rd Edition) 4500 F- D
25	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Hexavelent Chromium	APHA (23rd Edition) 3500 Cr+6 B
26	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Iron	APHA (23rd Edition) 3500 Fe B
27	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Magnesium as Mg	APHA (23rd Edition) 3500 Mg B
28	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Magnesium Hardness	APHA (23rd Edition) 3500 Mg B
29	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Nitrite	APHA (23rd Edition) 4500 NO2- B
30	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Oil and Grease	IS 3025 (Part 39)
31	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	pH	IS 3025 (Part 11)
32	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Phenol	APHA (23rd Edition) 5530 D
33	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Phosphate	APHA (23rd Edition) 4500 P D
34	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Potassium as K	APHA (23rd Edition) 3500 K B
35	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Sodium as Na	APHA (23rd Edition) 3500 Na B
36	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Sulphate	APHA (23rd Edition) 4500 SO4-2 E
37	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Total Dissolved Solids (TDS)	APHA (23rd Edition) 2540 C

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38	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Total Hardness	APHA (23rd Edition) 2340 C
39	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Total Solids (TS)	APHA (23rd Edition) 2540 B
40	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Total Suspended Solids (TSS)	APHA (23rd Edition) 2540 D
41	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Sewage Effluent and Wastewater)	Volatile Solids	APHA (23rd Edition) 2540 E
42	CHEMICAL- RESIDUES IN WATER	Surface Water / Ground Water	Copper	APHA (23rd Edition) 3500 Cu B
43	CHEMICAL- RESIDUES IN WATER	Surface Water / Ground Water	Hexavelent Chromium	APHA (23rd Edition) 3500 Cr+6 B
44	CHEMICAL- RESIDUES IN WATER	Surface Water / Ground Water	Iron	APHA (23rd Edition) 3500 Fe B
45	CHEMICAL- WATER	Surface Water / Ground Water	Acidity	IS 3025 (Part 22)
46	CHEMICAL- WATER	Surface Water / Ground Water	Alkalinity	APHA (23rd Edition) 2320 B
47	CHEMICAL- WATER	Surface Water / Ground Water	Ammonical Nitrogen	APHA (23rd Edition) 4500 NH3 C
48	CHEMICAL- WATER	Surface Water / Ground Water	Biochemical Oxygen Demand	IS 3025 (Part 44)
49	CHEMICAL- WATER	Surface Water / Ground Water	Calcium as Ca	APHA (23rd Edition) 3500 Ca B
50	CHEMICAL- WATER	Surface Water / Ground Water	Calcium Hardness	APHA (23rd Edition) 3500 Ca B
51	CHEMICAL- WATER	Surface Water / Ground Water	Chemical Oxygen Demand (COD)	APHA (23rd Edition) 5220 B
52	CHEMICAL- WATER	Surface Water / Ground Water	Chloride	APHA (23rd Edition) 4500 Cl B
53	CHEMICAL- WATER	Surface Water / Ground Water	Colour	APHA (23rd Edition) 2120 C
54	CHEMICAL- WATER	Surface Water / Ground Water	Conductivity	APHA (23rd Edition) 2510 B
55	CHEMICAL- WATER	Surface Water / Ground Water	Dissolved Oxygen (DO)	IS 3025 (Part 38)
56	CHEMICAL- WATER	Surface Water / Ground Water	Fixed Solids	APHA (23rd Edition) 2540 E
57	CHEMICAL- WATER	Surface Water / Ground Water	Flouride	APHA (23rd Edition)4500 F- D
58	CHEMICAL- WATER	Surface Water / Ground Water	Magnesium as Mg	APHA (23rd Edition) 3500 Mg B
59	CHEMICAL- WATER	Surface Water / Ground Water	Magnesium Hardness	APHA (23rd Edition) 3500 Mg B
60	CHEMICAL- WATER	Surface Water / Ground Water	Nitrite	APHA (23rd Edition) 4500 NO2- B
61	CHEMICAL- WATER	Surface Water / Ground Water	Oil and Grease	IS 3025 (Part 39)

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62	CHEMICAL- WATER	Surface Water / Ground Water	pH	IS 3025 (Part 11)
63	CHEMICAL- WATER	Surface Water / Ground Water	Phenol	APHA (23rd Edition) 5530 D
64	CHEMICAL- WATER	Surface Water / Ground Water	Phosphate	APHA(23rd Edition) 4500 P D
65	CHEMICAL- WATER	Surface Water / Ground Water	Potassium as K	APHA (23rd Edition) 3500 K B
66	CHEMICAL- WATER	Surface Water / Ground Water	Sodium as Na	APHA (23rd Edition) 3500 Na B
67	CHEMICAL- WATER	Surface Water / Ground Water	Sulphate	APHA (23rd Edition) 4500 SO4-2 E
68	CHEMICAL- WATER	Surface Water / Ground Water	Total Dissolved Solids (TDS)	APHA (23rd Edition) 2540 C
69	CHEMICAL- WATER	Surface Water / Ground Water	Total Hardness	APHA (23rd Edition) 2340 C
70	CHEMICAL- WATER	Surface Water / Ground Water	Total Solids (TS)	APHA (23rd Edition) 2540 B
71	CHEMICAL- WATER	Surface Water / Ground Water	Total Suspended Solids (TSS)	APHA (23rd Edition) 2540 D
72	CHEMICAL- WATER	Surface Water / Ground Water	Volatile Solids	APHA (23rd Edition) 2540 E

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Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ammonia	IS 5182 Part 25
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Chlorine	IS 5182 (Part 19)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Oxide of Nitrogen (NOx)	IS 5182 (Part 6)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (PM 2.5)	IS 5182 Part 24
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate matter (PM10)	IS 5182 (Part 23)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur Dioxide (SO2)	IS 5182(Part 2)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Ammonia	IS 11255 (Part 6)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxide of Nitrogen	IS 11255 (Part 7)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate Matter (PM)	IS 11255 (Part 1)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide (SO2)	IS 11255 (Part 2)