National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GATIH LABORATORIES, BUNGALOW NO. 1, BALAJI GREEN CITY, SONDONGRI, RAIPUR, CHHATTISGARH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11111 **Page No** 1 of 3

Validity 02/11/2022 to 01/11/2024 **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	Oxides of Nitrogen (NO2)	IS 5182 (Part-6)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM 10)	IS 5182 (Part-23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM 2.5)	IS 5182 (Part-24)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulfur Dioxide (SO2)	IS 5182 (Part-2)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise (Source / DG)	Ambient Noise Leq dB(A)	IS 9989
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen (NOx)	IS 11255 (Part-7)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part-1)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO2)	IS 11255 (Part-2)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil and Grease	IS 3025 (Part-39)
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH Value	IS 3025 (Part-11)
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids (TSS)	IS 3025 (Part-17)
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Biochemical Oxygen Demand (BOD)	IS 3025 (Part-44)
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Chemical Oxygen Demand (COD)	IS 3025 (Part-58)
14	CHEMICAL- WATER	Construction Water	Acidity (Neutralize 100 ml Sample of Water Using 0.02N NaOH)	IS 3025 (Part-22)
15	CHEMICAL- WATER	Construction Water	Alkalinity (Neutralize 100 ml Sample of Water Using 0.02N H2SO4)	IS 3025 (Part-23)
16	CHEMICAL- WATER	Construction Water	Chloride (Cl)	IS 3025 (Part-32), Clause No.: 2
17	CHEMICAL- WATER	Construction Water	Filterable Residue (Total Dissolved Solids)	IS 3025 (Part-16)
18	CHEMICAL- WATER	Construction Water	pH at 27°C	IS 3025 (Part-11), Clause No.: 2
19	CHEMICAL- WATER	Construction Water	Sulphate (SO4)	IS 3025 (Part-24), Clause No.: 4

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20	CHEMICAL- WATER	Construction Water	Total Suspended Solids (TSS)	IS 3025 (Part-17)
21	CHEMICAL- WATER	Drinking Water	Calcium (Ca)	IS 3025 (Part-40), Clause No.: 5
22	CHEMICAL- WATER	Drinking Water	Chloride (Cl)	IS 3025 (Part-32), Clause No.: 2
23	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	IS 3025 (Part-14), Clause No.: 2
24	CHEMICAL- WATER	Drinking Water	Fluoride	APHA 18th Edition, 4500- F-D
25	CHEMICAL- WATER	Drinking Water	Iron	APHA 18th Edition, 3500-Fe-B
26	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 (Part-46), Clause No.: 6
27	CHEMICAL- WATER	Drinking Water	Nitrate (NO3)	APHA 18th Edition, 4500-NO3-B
28	CHEMICAL- WATER	Drinking Water	pH at 27°C	IS 3025 (Part-11), Clause No.: 2
29	CHEMICAL- WATER	Drinking Water	Potassium	IS 3025 (Part-45)
30	CHEMICAL- WATER	Drinking Water	Sodium	IS 3025 (Part-45)
31	CHEMICAL- WATER	Drinking Water	Sulphate (SO4)	IS 3025 (Part-24), Clause No.: 4
32	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part-23)
33	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	IS 3025 (Part-16)
34	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 (Part-21)
35	CHEMICAL- WATER	Drinking Water	Total Suspended Solids (TSS)	IS 3025 (Part-17)
36	CHEMICAL- WATER	Ground Water	Calcium (Ca)	IS 3025 (Part-40), Clause No.: 5
37	CHEMICAL- WATER	Ground Water	Chloride (Cl)	IS 3025 (Part-32), Clause No.: 2
38	CHEMICAL- WATER	Ground Water	Electric Conductivity	IS 3025 (Part-14), Clause No.: 2
39	CHEMICAL- WATER	Ground Water	Filterable Residue (Total Dissolved Solids)	IS 3025 (Part-16)
40	CHEMICAL- WATER	Ground Water	Fluoride	APHA 18th Edition, 4500-F-D
41	CHEMICAL- WATER	Ground Water	Iron	APHA 18th Edition, 4500-Fe-D
42	CHEMICAL- WATER	Ground Water	Magnesium	IS 3025 (Part-46), Clause No.: 6
43	CHEMICAL- WATER	Ground Water	Nitrate (NO3)	APHA 18th Edition, 4500-NO3-B
44	CHEMICAL- WATER	Ground Water	pH at 25°C	IS 3025 (Part-11), Clause No.: 2
45	CHEMICAL- WATER	Ground Water	Sulphate (SO4)	IS 3025 (Part-24), Clause No.: 4
46	CHEMICAL- WATER	Ground Water	Total Alkalinity	IS 3025 (Part-23)
47	CHEMICAL- WATER	Ground Water	Total Hardness	IS 3025 (Part-21), Clause No.: 5
48	CHEMICAL- WATER	Ground Water	Total Suspended Solids	IS 3025 (Part-16)

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49	CHEMICAL- WATER	Industrial Water	Biochemical Oxygen Demand (BOD) at 27°C	IS 3025 (Part-44)
50	CHEMICAL- WATER	Industrial Water	Calcium (Ca)	IS 3025 (Part-40), Clause No.: 5
51	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand (COD)	IS 3025 (Part-58)
52	CHEMICAL- WATER	Industrial Water	Chloride (Cl)	IS 3025 (Part-32), Clause No.: 2
53	CHEMICAL- WATER	Industrial Water	Electrical Conductivity	IS 3025 (Part-14), Clause No.: 2
54	CHEMICAL- WATER	Industrial Water	Magnesium	IS 3025 (Part-46), Clause No.: 6
55	CHEMICAL- WATER	Industrial Water	pH at 25°C	IS 3025 (Part-11), Clause No.: 2
56	CHEMICAL- WATER	Industrial Water	Sulphate (SO4)	IS 3025 (Part-24), Clause No.: 4
57	CHEMICAL- WATER	Industrial Water	Total Alkalinity	IS 3025 (Part-23)
58	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	IS 3025 (Part-16)
59	CHEMICAL- WATER	Industrial Water	Total Hardness	IS 3025 (Part-21), Clause No.: 5
60	CHEMICAL- WATER	Industrial Water	Total Suspended Solids	IS 3025 (Part-17)
61	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand (BOD) (3 Days at 27°C)	IS 3025 (Part-44)
62	CHEMICAL- WATER	Surface Water	Calcium	IS 3025 (Part-40), Clause No.: 5
63	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	IS 3025 (Part-58)
64	CHEMICAL- WATER	Surface Water	Chloride (Cl)	IS 3025 (Part-32) Clause No.: 2
65	CHEMICAL- WATER	Surface Water	Electrical Conductivity	IS 3025 (Part-14), Clause No.: 2
66	CHEMICAL- WATER	Surface Water	Magnesium	IS 3025 (Part-46), Clause No.: 6
67	CHEMICAL- WATER	Surface Water	pH at 25°C	IS 3025 (Part-11), Clause No.: 2
68	CHEMICAL- WATER	Surface Water	Sulphate (SO4)	IS 3025 (Part-24), Clause No.: 4
69	CHEMICAL- WATER	Surface Water	Total Alkalinity	IS 3025 (Part-23)
70	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS 3025 (Part-16)
71	CHEMICAL- WATER	Surface Water	Total Hardness	IS 3025 (Part-21), Clause No.: 5
72	CHEMICAL- WATER	Surface Water	Total Suspended Solids	IS 3025 (Part-17)
73	CHEMICAL- WATER	Water from Water Purifiers	Fluoride	APHA 18th Edition, 4500-F-D
74	CHEMICAL- WATER	Water from Water Purifiers	Iron	APHA 18th Edition, 4500-Fe-D
75	CHEMICAL- WATER	Water from Water Purifiers	Potassium	IS 3025 (Part-45)