National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	AS CONSULTANCY & ANALYTICAL SERVICES (ACAS - ANALYTICAL DIVISION), PLOT NO 1684, SECTOR-8, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9045	**Page No**	1 of 6
Validity	14/10/2022 to 13/10/2024	**Last Amended on**	08/12/2022

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	Carbon Monoxide (CO)	IS : 5182 PART-10
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide (NO2)	IS : 5182 PART-6
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone (O3)	IS : 5182 PART-9
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS : 5182 PART-23
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM2.5)	IS : 5182 PART-24
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS : 5182 PART-2
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Leq Value (Noise Level)	IS : 9989
9	CHEMICAL- ATMOSPHERIC POLLUTION	Illumination	Lux Level	IS : 6665
10	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise Level	Noise Level (Source)	IS : 4758
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Acid Mist	USEPA Method -8
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide as CO2	IS : 13270
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide as CO	IS : 13270
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Nitrogen Dioxide (NOx)	IS : 11255PART-7
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen as O2	IS : 13270
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS : 11255 PART-1
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide as SO2	IS : 11255 PART-2
18	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air Quality	Carbon Monoxide (CO)	SOP/ACAS/IA/03

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air Quality	Nitrogen Dioxide (NO2)	SOP/ACAS/IA/03
20	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air Quality	Particulate Matter (PM10)	SOP/ACAS/IA/03
21	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air Quality	Particulate Matter (PM2.5)	SOP/ACAS/IA/03
22	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air Quality	Sulphur Dioxide (SO2)	SOP/ACAS/IA/03
23	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	Appearance	IS : 2720
24	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Density	IS : 2720 PART-14
25	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Calcium Carbonate	IS : 2720 PART-23
26	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Chloride	ACAS/SOP/ST/01 issue dated 3.8.2022
27	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Electrical Conductivity	IS : 14767
28	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Moisture Content	IS : 2720 PART 2
29	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Carbon	IS : 2720 PART-22
30	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Matter	IS : 2720 PART-22
31	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	pH	IS : 2720 PART-26
32	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Phosphate	IS : 10158
33	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sulphate	IS : 2720 PART-27
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Colour	IS: 3025 PART-4
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	BOD For 3 Days at 27 deg.C	IS : 3025 PART-44
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	IS : 3025 PART-58
37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chloride as Cl	IS:3025 PART-32

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38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Conductivity	IS:3025 PART-14
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Copper as Cu	IS:3025 PART-42
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	IS : 3025 PART-38
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fixed Solid	IS : 3025 PART-18
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexavalent Chromium as Cr+6	IS : 3025 PART-52
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Iron as Fe	IS:3025 PART-53
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Lead as Pb	IS:3025 PART-47
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nickel as Ni	IS:3025 PART-54
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate	IS:3025 PART-34
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Odour	IS : 3025 PART-5
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	IS : 3025 PART-39
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	IS : 3025 PART-11
50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate	IS : 3025 PART-31
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sulphate	IS:3025 PART-24
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	IS : 3025 PART-9
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Chromium	IS:3025 PART-52
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	IS:3025 PART-16
55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total hardness as CaCO3	IS:3025 PART-21
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solid	IS : 3025 PART- 17

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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
57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Volatile Solid	IS : 3025 PART-18
58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Zinc as Zn	IS 3025 P-49
59	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS : 3025 Part - 40
60	CHEMICAL- WATER	Drinking Water	Chloride	IS : 3025 PART 32
61	CHEMICAL- WATER	Drinking Water	Colour	IS: 3025 PART-4
62	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	IS : 3025 PART - 38
63	CHEMICAL- WATER	Drinking Water	Fluoride as F	IS :3024 Part - 60
64	CHEMICAL- WATER	Drinking Water	Hexavalent Chromium as Cr+6	IS : 3025 PART -52
65	CHEMICAL- WATER	Drinking Water	Iron	IS : 3025 PART- 53
66	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS : 3025 Part -46
67	CHEMICAL- WATER	Drinking Water	Methyl Orange Alkalinity	IS : 3025 Part - 23
68	CHEMICAL- WATER	Drinking Water	Nitrate	IS : 3025 PART -34
69	CHEMICAL- WATER	Drinking Water	odour	IS : 3025 PART -5
70	CHEMICAL- WATER	Drinking Water	pH	IS : 3025 PART - 11
71	CHEMICAL- WATER	Drinking Water	Phenolphthalein Alkalinity	IS: 3025 part - 23
72	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS : 3025 PART-26
73	CHEMICAL- WATER	Drinking Water	Specific Conductance	IS : 3025 PART -14
74	CHEMICAL- WATER	Drinking Water	Sulphate	IS :3025 PART -24
75	CHEMICAL- WATER	Drinking Water	Taste	IS:3025 PART-7
76	CHEMICAL- WATER	Drinking Water	Temperature	IS : 3025 PART-9
77	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS : 3025 PART - 23
78	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	IS : 3025 PART - 16
79	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS : 3025 PART- 21
80	CHEMICAL- WATER	Drinking Water	Total Suspended Solid	IS : 3025 PART-17
81	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 P-10
82	CHEMICAL- WATER	Drinking Water	Volatile & Fixed Residue	IS : 3025 PART - 18
83	CHEMICAL- WATER	Ground water	Calcium as Ca	IS : 3025 PART-40
84	CHEMICAL- WATER	Ground water	Chloride as Cl	IS : 3025 PART - 32
85	CHEMICAL- WATER	Ground Water	Colour	IS 3025 part -4

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86	CHEMICAL- WATER	Ground water	Dissolved Oxygen	IS : 3025 PART -38
87	CHEMICAL- WATER	Ground water	Fluoride as F	IS : 3025 PART-60
88	CHEMICAL- WATER	Ground water	Hexavalent Chromium as Cr+6	IS : 3025 PART -52
89	CHEMICAL- WATER	Ground water	Magnesium as Mg	IS : 3025 PART-46
90	CHEMICAL- WATER	Ground Water	Methyl Orange Alkalinity	IS : 3025 Part - 23
91	CHEMICAL- WATER	Ground water	Nitrate	IS : 3025 PART-34
92	CHEMICAL- WATER	Ground water	Odour	IS : 3025 PART - 5
93	CHEMICAL- WATER	Ground water	pH	IS : 3025 PART-11
94	CHEMICAL- WATER	Ground Water	Phenolphthalein Alkalinity	IS : 3025 Part - 23
95	CHEMICAL- WATER	Ground water	Residual Free Chlorine	IS : 3025 PART -26
96	CHEMICAL- WATER	Ground water	Specific Conductance	IS : 3025 PART- 14
97	CHEMICAL- WATER	Ground water	Sulphate	IS : 3025 PART-24
98	CHEMICAL- WATER	Ground water	Temperature	IS: 3025 PART-9
99	CHEMICAL- WATER	Ground water	Total Alkalinity as CaCO3	IS :3025 PART-23
100	CHEMICAL- WATER	Ground water	Total Dissolved Solid	IS : 3025 PART-16
101	CHEMICAL- WATER	Ground water	Total Hardness as CaCO3	IS : 3025 PART-21
102	CHEMICAL- WATER	Ground water	Total Suspended Solid	IS : 3025 PART-17
103	CHEMICAL- WATER	Ground water	Turbidity	IS : 3025 PART-10
104	CHEMICAL- WATER	Ground water	Volatile & Fixed Residue	IS : 3025 PART-18
105	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demond for 3 days at 27 deg C	IS : 3025 PART-44
106	CHEMICAL- WATER	Surface Water	Calcium as Ca	IS : 3025 PART-40
107	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demond	IS : 3025 PART-58
108	CHEMICAL- WATER	Surface Water	Chloride as Cl	IS : 3025 PART-32
109	CHEMICAL- WATER	Surface Water	Colour	IS: 3025 PART-4
110	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS : 3025 PART-38
111	CHEMICAL- WATER	Surface Water	Fluride as F	IS : 3025 PART-60
112	CHEMICAL- WATER	Surface Water	Hexavalent Chromium as Cr+6	IS : 3025 PART-2014
113	CHEMICAL- WATER	Surface Water	Magnesium	IS : 3025 PART- 46
114	CHEMICAL- WATER	Surface Water	Nitrate	IS : 3025 PART-34
115	CHEMICAL- WATER	Surface Water	Odour	IS : 3025 PART-5

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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
116	CHEMICAL- WATER	Surface Water	pH	IS : 3025 PART-11
117	CHEMICAL- WATER	Surface Water	Residual Free Chlorine	IS : 3025 PART-26
118	CHEMICAL- WATER	Surface Water	Specific Conductance	IS : 3025 PART-14
119	CHEMICAL- WATER	Surface Water	Sulphate	IS : 3025 PART-24
120	CHEMICAL- WATER	Surface Water	Temperature	IS : 3025 PART-9
121	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	IS : 3025 PART-23
122	CHEMICAL- WATER	Surface Water	Total Dissolved Solid	IS : 3025 PART-16
123	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	IS : 3025 PART-21
124	CHEMICAL- WATER	Surface Water	Total Suspended Solid	IS : 3025 PART-17
125	CHEMICAL- WATER	Surface Water	Turbidity	IS : 3025 PART-10
126	CHEMICAL- WATER	Surface Water	Volatile & Fixed Residue	IS : 3025 PART-18
127	CHEMICAL- WATER	Water for construction purpose	Chloride as Cl	IS : 3025 PART -32
128	CHEMICAL- WATER	Water for construction purpose	Inorganic Solid	IS : 3025 PART-18
129	CHEMICAL- WATER	Water for construction purpose	Organic Solid	IS : 3025 PART-18
130	CHEMICAL- WATER	Water for construction purpose	pH	IS : 3025 PART-11
131	CHEMICAL- WATER	Water for construction purpose	Sulphate as SO3	IS : 3025 PART-24
132	CHEMICAL- WATER	Water for construction purpose	To Neutralize 100ml water sample by using mixed indicator by using 0.02NH2SO4	IS : 3025 PART-23
133	CHEMICAL- WATER	Water for construction purpose	To Neutralize 100ml water sample by using Phenolphthalein indicator by using 0.02N NaOH	IS 3025 Part-22
134	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solid	IS : 3025 PART-17