National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SATOSI4 ENTERPRISES (MANA LAB), 3RD FLOOR, TRIDENT ARCADE, G K COLONY, NEREDMET, SECUNDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10881 **Page No** 1 of 3

Validity 02/08/2022 to 01/08/2024 **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	IS 5182 (Part 6)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Respirable Suspended Matter (PM10)	IS 5182 (Part 23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 (Part 2)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part 1)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen	IS 11255 (Part 7)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulpher Dioxide	IS 11255 (Part 2)
7	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP Inlet and Outlet Water, Liquid Effluents, Waste Water	Chemical Oxygen Demand	IS 3025 (Part 58)
8	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP Inlet and Outlet Water, Liquid Effluents, Waste Water	Chloride	APHA 23rd Edition, 4500-Cl-B
9	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP Water, Effluent Discharge, Waste Water	pH @ 25°C	IS 3025 (Part 11)
10	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP Water, Effluent Discharge, Waste Water	Sulphate	APHA 23rd Edition, 4500-(SO4)2
11	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP Water, Effluent Discharge, Waste Water	Total Dissolved Solids	APHA 23rd Edition, 2450-C
12	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP Water, Effluent Discharge, Waste Water	Total Suspended Solids	IS 3025 (Part 17)
13	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA 23rd Edition, 3500-Ca-B
14	CHEMICAL- WATER	Drinking Water	Chloride	APHA 23rd Edition, 4500-Cl-B
15	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025 (Part 60)
16	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 23rd Edition, 3500-Mg-B
17	CHEMICAL- WATER	Drinking Water	Nitrate	APHA 23rd Edition, 4500-NO3-B
18	CHEMICAL- WATER	Drinking Water	pH @ 25°C	IS 3025 (Part 11)
19	CHEMICAL- WATER	Drinking Water	Potassium	APHA 23rd Edition, 3500-K-B
20	CHEMICAL- WATER	Drinking Water	Sodium	APHA 23rd Edition, 3500-Na-B
21	CHEMICAL- WATER	Drinking Water	Sulphate	APHA 23rd Edition, 4500-(SO4)2

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22	CHEMICAL- WATER	Drinking Water	Total Alkalinity	APHA 23rd Edition, 2320-B
23	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	APHA 23rd Edition, 2540-C
24	CHEMICAL- WATER	Drinking Water	Total Hardness	APHA 23rd Edition, 2340-C
25	CHEMICAL- WATER	Drinking Water	Total Phosphorous as P	IS 3025 (Part 31)
26	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
27	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA 23rd Edition, 3500-Ca-B
28	CHEMICAL- WATER	Ground Water	Chloride	APHA 23rd Edition, 4500-Cl-B
29	CHEMICAL- WATER	Ground Water	Fluoride	IS 3025 (Part 60)
30	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA 23rd Edition, 3500-Mg-B
31	CHEMICAL- WATER	Ground Water	Nitrate	APHA 23rd Edition, 4500-NO3-B
32	CHEMICAL- WATER	Ground Water	pH @ 25°C	IS 3025 (Part 11)
33	CHEMICAL- WATER	Ground Water	Potassium	APHA 23rd Edition, 3500-K-B
34	CHEMICAL- WATER	Ground Water	Sodium	APHA 23rd Edition, 3500-Na-B
35	CHEMICAL- WATER	Ground Water	Sulphate	APHA 23rd Edition, 4500-(SO4)2
36	CHEMICAL- WATER	Ground Water	Total Alkalinity	APHA 23rd Edition, 2320-B
37	CHEMICAL- WATER	Ground Water	Total Hardness	APHA 23rd Edition, 2340-C
38	CHEMICAL- WATER	Ground Water	Total Phosphorous as P	IS 3025 (Part 31)
39	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)
40	CHEMICAL- WATER	Packaged Drinking Water	Calcium as Ca	APHA 23rd Edition, 3500-Ca-B
41	CHEMICAL- WATER	Packaged Drinking Water	Chloride	APHA 23rd Edition, 4500-Cl-B
42	CHEMICAL- WATER	Packaged Drinking Water	Fluoride	IS 3025 (Part 60)
43	CHEMICAL- WATER	Packaged Drinking Water	Magnesium as Mg	APHA 23rd Edition, 3500-Mg-B
44	CHEMICAL- WATER	Packaged Drinking Water	Nitrate	APHA 23rd Edition, 4500-NO3-B
45	CHEMICAL- WATER	Packaged Drinking Water	pH @ 25°C	IS 3025 (Part 11)
46	CHEMICAL- WATER	Packaged Drinking Water	Potassium	APHA 23rd Edition, 3500-K-B
47	CHEMICAL- WATER	Packaged Drinking Water	Sodium	APHA 23rd Edition, 3500-Na-B
48	CHEMICAL- WATER	Packaged Drinking Water	Sulphate	APHA 23rd Edition, 4500-(SO4)2
49	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity	APHA 23rd Edition, 2320-B

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50	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness	APHA 23rd Edition, 2340-C
51	CHEMICAL- WATER	Packaged Drinking Water	Total Phosphorous as P	IS 3025 (Part 31)
52	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 (Part 10)
53	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA 23rd Edition, 3500-Ca-B
54	CHEMICAL- WATER	Surface Water	Chloride	APHA 23rd Edition, 4500-Cl-B
55	CHEMICAL- WATER	Surface Water	Fluoride	IS 3025 (Part 60)
56	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA 23rd Edition, 3500-Mg-B
57	CHEMICAL- WATER	Surface Water	Nitrate	APHA 23rd Edition, 4500-NO3-B
58	CHEMICAL- WATER	Surface Water	pH @ 25°C	IS 3025 (Part 11)
59	CHEMICAL- WATER	Surface Water	Potassium	APHA 23rd Edition, 3500-K-B
60	CHEMICAL- WATER	Surface Water	Sodium	APHA 23rd Edition, 3500-Na-B
61	CHEMICAL- WATER	Surface Water	Sulphate	APHA 23rd Edition, 4500-(SO4)2
62	CHEMICAL- WATER	Surface Water	Total Alkalinity	APHA 23rd Edition, 2320-B
63	CHEMICAL- WATER	Surface Water	Total Hardness	APHA 23rd Edition, 2340-C
64	CHEMICAL- WATER	Surface Water	Total Phosphorous as P	IS 3025 (Part 31)
65	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.