National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : EHS MATRIX PVT. LTD., SR. NO 30/7, OFFICE NO. 202 & 203, CHINTAMANI INDUSTRIAL ESTATE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9009 **Page No** 1 of 5

Validity 06/12/2022 to 05/12/2024 **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	Ambient noise	CPCB Protocol for Ambient Noise Level Monitoring
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Lead as Pb	IS 5182 (Part 22)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nickel as Ni	IS 5182 (Part 26)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen oxide	IS 5182 (Part 6)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate matter 10	IS 5182 (Part 23)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate matter 2.5	IS 5182 (Part 24)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur dioxide	IS 5182 (Part 2)
8	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Hexavalent Chromium as Cr6+	APHA 3500 Cr, 23rd Edition
9	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Biochemical Oxygen Demand (BOD) 3 Days at 27 oC	IS 3025 (Part 44)
10	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Cadmium as Cd	APHA 3111 B, 23rd Edition
11	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
12	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Chloride as Cl	APHA 4500 Cl, 23rd Edition
13	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Chromium as Cr	APHA 3111 B, 23rd Edition
14	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Copper as Cu	APHA 3111 B, 23rd Edition
15	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Dissolved Oxygen	IS 3025 (Part 38)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Electrical Conductivity at 25 deg C	APHA 2510 B, 23rd Edition
17	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Fluoride as F	APHA 4500-F B, D, 23rd Edition
18	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Lead as Pb	APHA 3111 B, 23rd Edition

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Nickel as Ni	APHA 3111 B, 23rd Edition
20	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Oil & Grease	APHA 5520 B, 23rd Edition
21	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	pH at 25 oC	APHA 4500 H+, A, 23rd Edition
22	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Phosphorous as P	APHA 4500 P-D, 23rd Edition
23	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Potassium as K	APHA 3500 K 23rd edition
24	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Sodium as Na	APHA 3500 Na 23rd edition
25	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Sulphate as SO4	IS 3025 (Part 24)
26	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Total Dissolved Solids	APHA 2540 C, 23rd Edition
27	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Total Solids	APHA 2540 B, 23rd Edition
28	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent, Waste Water, Sewage Water	Total suspended solids	APHA 2450 D, 23rd Edition
29	CHEMICAL- RESIDUES IN WATER	Water	Cadmium as Cd	APHA 3111 B, 23rd Edition
30	CHEMICAL- RESIDUES IN WATER	water	Chromium as Cr	APHA 3111 B, 23rd Edition
31	CHEMICAL- RESIDUES IN WATER	Water	Copper as Cu	APHA 3111 B, 23rd Edition
32	CHEMICAL- RESIDUES IN WATER	Water	Iron as Fe	APHA 3111 B, 23rd Edition
33	CHEMICAL- RESIDUES IN WATER	Water	Lead as Pb	APHA 3111 B, 23rd Edition
34	CHEMICAL- RESIDUES IN WATER	Water	Nickel as Ni	APHA 3111 B, 23rd Edition
35	CHEMICAL- RESIDUES IN WATER	Water	Zinc as Zn	APHA 3111 B, 23rd Edition
36	CHEMICAL- SOIL AND ROCK	Soil	Available nitrogen as N	Manual of soil testing, Ministry of Agriculture
37	CHEMICAL- SOIL AND ROCK	Soil	Available Phosphorous as P	Manual of soil testing, Ministry of Agriculture

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38	CHEMICAL- SOIL AND ROCK	Soil	Electrical Conductivity	IS 14767
39	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (Part 22)
40	CHEMICAL- SOIL AND ROCK	Soil	pH at 25 oC	IS 2720 (Part 26)
41	CHEMICAL- SOIL AND ROCK	Soil	Potassium as K	Manual of soil testing, Ministry of Agriculture
42	CHEMICAL- SOIL AND ROCK	Soil	Sodium as Na	Manual of soil testing, Ministry of Agriculture
43	CHEMICAL- WATER	Bore well water, Well water	Calcium as Ca	IS 3025 (Part 40)
44	CHEMICAL- WATER	Bore well water, well water	Chloride as Cl	APHA 4500 Cl, 23rd edition
45	CHEMICAL- WATER	Bore well water, Well water	Electrical conductivity	APHA 2510 B 23rd edition
46	CHEMICAL- WATER	Bore well water, Well water	Fluoride as F	APHA 4500 F, 23rd edition
47	CHEMICAL- WATER	Bore well water, Well water	Hexavalent Chromium as Cr6+	APHA 3500 Cr, 23rd Edition
48	CHEMICAL- WATER	Bore well water, Well water	Magnesium as Mg	IS 3025 (Part 46)
49	CHEMICAL- WATER	Bore well water, Well water	Nitrate as NO3	APHA 4500 NO3 B, 23rd edition
50	CHEMICAL- WATER	Bore well water, Well water	Nitrite as NO2	IS 3025 (Part 34)
51	CHEMICAL- WATER	Bore well water, Well water	pH @ 25 oC	APHA 4500 H+, 23rd edition
52	CHEMICAL- WATER	Bore well water, Well water	Phosphate as PO4	APHA 4500 P-C, 23rd Edition
53	CHEMICAL- WATER	Bore well water, Well water	Potassium as K	APHA 3500 K, 23rd edition
54	CHEMICAL- WATER	Bore well water, Well water	Silica as Si	APHA 4500 SiO2-C, 23rd edition
55	CHEMICAL- WATER	Bore well water, Well water	Sodium as Na	APHA 3500 Na, 23rd Edition
56	CHEMICAL- WATER	Bore well water, Well water	Sulphate as SO4	IS 3025 (Part 24)
57	CHEMICAL- WATER	Bore well water, Well water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
58	CHEMICAL- WATER	Bore well water, Well water	Total Dissolved solids	APHA 2540 C, 23rd edition
59	CHEMICAL- WATER	Bore well water, Well water	Total Hardness as CaCO3	IS 3025 (Part 21)
60	CHEMICAL- WATER	Bore well water, Well water	Total solids	APHA 2540 B, 23rd edition
61	CHEMICAL- WATER	Bore well water, Well water	Turbidity	APHA 2130 B, 23rd edition
62	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40)
63	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA 4500 Cl, 23rd edition
64	CHEMICAL- WATER	Drinking water	Electrical conductivity	APHA 2510 B 23rd edition

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65	CHEMICAL- WATER	Drinking water	Fluoride as F	APHA 4500 F, 23rd edition
66	CHEMICAL- WATER	Drinking water	Hexavalent Chromium as Cr6+	APHA 3500 Cr, 23rd Edition
67	CHEMICAL- WATER	Drinking water	Magnesium as Mg	IS 3025 (Part 46)
68	CHEMICAL- WATER	Drinking water	Nitrate as NO3	APHA 4500 NO3 B, 23rd edition
69	CHEMICAL- WATER	Drinking water	Nitrite as NO2	IS 3025 (Part 34)
70	CHEMICAL- WATER	Drinking water	pH @ 25 oC	APHA 4500 H+, 23rd edition
71	CHEMICAL- WATER	Drinking water	Phosphate as PO4	APHA 4500 P-C, 23rd Edition
72	CHEMICAL- WATER	Drinking water	Potassium as K	APHA 3500 K 23rd edition
73	CHEMICAL- WATER	Drinking water	Silica as Si	APHA 4500 SiO2 C, 23rd edition
74	CHEMICAL- WATER	Drinking water	Sodium as Na	APHA 3500 Na, 23rd Edition
75	CHEMICAL- WATER	Drinking water	Sulphate as SO4	IS 3025 (Part 24)
76	CHEMICAL- WATER	Drinking water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
77	CHEMICAL- WATER	Drinking water	Total Dissolved solids	APHA 2540 C, 23rd edition
78	CHEMICAL- WATER	Drinking water	Total Hardness as CaCO3	IS 3025 (Part 21)
79	CHEMICAL- WATER	Drinking water	Total solids	APHA 2540 B, 23rd edition
80	CHEMICAL- WATER	Drinking water	Turbidity	APHA 2130 B 23rd edition
81	CHEMICAL- WATER	River water, Lake water	pH @ 25 oC	APHA 4500 H+, 23rd edition
82	CHEMICAL- WATER	River water, Lake water	Calcium as Ca	IS 3025 (Part 40)
83	CHEMICAL- WATER	River water, Lake water	Chloride as Cl	APHA 4500 Cl, 23rd edition
84	CHEMICAL- WATER	River water, Lake water	Electrical conductivity	APHA 2510 B 23rd edition
85	CHEMICAL- WATER	River water, Lake water	Fluoride as F	APHA 4500 F, 23rd edition
86	CHEMICAL- WATER	River water, Lake water	Hexavalent Chromium as Cr6+	APHA 3500 Cr, 23rd Edition
87	CHEMICAL- WATER	River water, Lake water	Magnesium as Mg	IS 3025 (Part 46)
88	CHEMICAL- WATER	River water, Lake water	Nitrate as NO3	APHA 4500 NO3 B, 23rd edition
89	CHEMICAL- WATER	River water, Lake water	Nitrite as NO2	IS 3025 (Part 34)
90	CHEMICAL- WATER	River water, Lake water	Phosphate as PO4	APHA 4500 P-C, 23rd Edition
91	CHEMICAL- WATER	River water, Lake water	Potassium as K	APHA 3500 K, B 23rd edition
92	CHEMICAL- WATER	River water, Lake water	Silica as Si	APHA 4500 SiO2, 23rd edition
93	CHEMICAL- WATER	River water, Lake water	Sodium as Na	APHA 3500 Na, B 23rd Edition
94	CHEMICAL- WATER	River water, Lake water	Sulphate as SO4	IS 3025 (Part 24)

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95	CHEMICAL- WATER	River water, Lake water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
96	CHEMICAL- WATER	River water, Lake water	Total Dissolved solids	APHA 2540 C, 23rd edition
97	CHEMICAL- WATER	River water, Lake water	Total Hardness as CaCO3	IS 3025 (Part 21)
98	CHEMICAL- WATER	River water, Lake water	Total solids	APHA 2540 B, 23rd edition
99	CHEMICAL- WATER	River water, Lake water	Turbidity	APHA 2130 B, 23rd edition