National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GREEN VISION, MEAV/25, URVASHI MALHAR, PHASE II, BENGAL AMBUJA HOUSING COMPLEX, DURGAPUR, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11003 **Page No** 1 of 5

Validity 23/09/2022 to 22/09/2024 **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	PM10	IS 5182 (Part-23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM2.5	EPA CFR-40(pt 50)Appendix-1
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Di-Oxides (SO2)	IS 5182 (Part-2)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise- Source Noise	Ambient Noise (Leq, Lmax, Lmin etc.)	IS 9989
6	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive Air	NO2	IS 5182 (Part-6)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive Air	SO2	IS 5182 (Part-2)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive Air	Suspended Particulate Matter (SPM)	IS 5182 (Part 4)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Gas	Carbon Monoxide	IS 13270
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Gases	Carbon dioxide	IS 13270
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Gases	Oxygen	IS 13270
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Gases	Particulate Matter	IS 11255(Part-1)/ IS 11255(Part-3)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Gases	Sulphur-dioxide	IS 11255(Part-2):
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Alkalinity	APHA 23rd Edition: 2320 B Titrimetric (Colour Indicator)
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	BOD (3 day at 27°C)	IS 3025 (Part 44)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium	APHA 23rd Edition: 3500 Ca B (Titrimetric Method)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride	APHA 23rd Edition: 4500 Cl B (Titrimetric Method)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	COD	APHA 23rd Edition: 5220 B Open Reflux method)

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	IS 3025 (Part 38) (Modified Winkler Method)
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity	APHA 23rd Edition: 2510 B (Conductivity meter)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hardness Total (CaCO3)	APHA 23rd Edition: 2340 Titrimetric (EDTA Method)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium	APHA 23rd Edition: 3500 Mg–B
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 23rd Edition: 5520 B Gravimetric (Solvent Extraction)
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA 23rd Edition: 4500 H+ B (pH Meter)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate as P	APHA 23rd Edition: 4500 P Spectrophotometric method
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silica	APHA 23rd Edition: 4500 SiO2 C (Spectrophotometric method))
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate	APHA 23rd Edition: 4500 SO42- E (Spectrophotometric method)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA 23rd Edition: 2540 C (Gravimetric)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 23rd Edition: 2540 D (Gravimetric)
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	APHA 23rd Edition: 2130 B (Nephelometric)
31	CHEMICAL- RESIDUES IN WATER	Drinking Water	Chromium Hexavalent	APHA 23rd Edition: 3500 Cr B (Spectrophotometric method)
32	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron as Fe	APHA 23rd Edition: 3500 Fe B (Spectrophotometric method)
33	CHEMICAL- RESIDUES IN WATER	Ground Water	Chromium Hexavalent	APHA 23rd Edition: 3500 Cr B (Spectrophotometric method)
34	CHEMICAL- RESIDUES IN WATER	Ground Water	Iron as Fe	APHA 23rd Edition: 3500 Fe B (Spectrophotometric method)
35	CHEMICAL- RESIDUES IN WATER	Waste Water	Chromium Hexavalent	APHA 23rd Edition: 3500 Cr B (Spectrophotometric method)
36	CHEMICAL- RESIDUES IN WATER	Waste Water	Iron	APHA 23rd Edition: 3500 Fe B (Spectrophotometric method)

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37	CHEMICAL- WATER	Drinking Water	Alkalinity	APHA 23rd Edition: 2320 B Titrimetric (Colour Indicator)
38	CHEMICAL- WATER	Drinking Water	BOD (3 day at 27 C)	IS 3025(Part 44) (Three day at 27 degree C)
39	CHEMICAL- WATER	Drinking Water	Calcium	APHA 23rd Edition: 3500 Ca B (Titrimetric Method)
40	CHEMICAL- WATER	Drinking Water	Chloride	APHA 23rd Edition: 4500 Cl B (Titrimetric Method)
41	CHEMICAL- WATER	Drinking Water	COD	APHA 23rd Edition: 5220 B (Open reflux method)
42	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	IS 3025 (Part 38 (Modified Winkler Method)
43	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	APHA 23rd Edition: 2510 B (Conductivity meter)
44	CHEMICAL- WATER	Drinking Water	Hardness Total (CaCO3)	APHA 23rd Edition: 2340 C Titrimetric (EDTA Method)
45	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 23rd Edition: 3500 Mg–B
46	CHEMICAL- WATER	Drinking Water	Oil & Grease	APHA 23rd Edition: 5520 B Gravimetric (Solvent Extraction)
47	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition: 4500 H+ B (pH Meter)
48	CHEMICAL- WATER	Drinking Water	Phosphate as P	APHA 23rd Edition: 4500 P D Spectrophotometric method
49	CHEMICAL- WATER	Drinking Water	Silica	APHA 23rd Edition: 4500 SiO2 C (Spectrophotometric method)
50	CHEMICAL- WATER	Drinking Water	Sulphate	APHA 23rd Edition: 4500 SO42- E (Spectrophotometric method)
51	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd Edition: 2540 C (Gravimetric)
52	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	APHA 23rd Edition: 2540 D (Gravimetric)
53	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition: 2130 B (Nephelometric)
54	CHEMICAL- WATER	Ground Water	Alkalinity	APHA 23rd Edition: 2320 B Titrimetric (Colour Indicator)

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55	CHEMICAL- WATER	Ground Water	BOD(3 day at 27 C)	IS 3025(Part 44) (Three day at 27 degree C)
56	CHEMICAL- WATER	Ground Water	Calcium	APHA 23rd Edition: 3500 B (Titrimetric Method)
57	CHEMICAL- WATER	Ground Water	Chloride	APHA 23rd Edition: 4500B (Titrimetric Method)
58	CHEMICAL- WATER	Ground Water	COD	APHA 23rd Edition: 5220 B (Open reflux method)
59	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS 3025 (Part 38 (Modified Winkler Method)
60	CHEMICAL- WATER	Ground Water	Electrical Conductivity	APHA 23rd Edition: 2510 B(Conductivity meter)
61	CHEMICAL- WATER	Ground Water	Hardness Total (CaCO3)	APHA 23rd Edition: 2340 C Titrimetric (EDTA Method)
62	CHEMICAL- WATER	Ground Water	Magnesium	APHA 23rd Edition: 3500 Mg B
63	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 23rd Edition: 5520 B Gravimetric (Solvent Extraction)
64	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition: 4500 H+ B(pH Meter)
65	CHEMICAL- WATER	Ground Water	Phosphate as P	APHA 23rd Edition: 4500 P D Spectrophotometric method
66	CHEMICAL- WATER	Ground Water	Silica	APHA 23rd Edition: 4500 SiO2 C (Spectrophotometric method)
67	CHEMICAL- WATER	Ground Water	Sulphate	APHA 23rd Edition: 4500 SO42- E (Spectrophotometric method)
68	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 23rd Edition: 2540 C (Gravimetric)
69	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 23rd Edition: 2540 D(Gravimetric)
70	CHEMICAL- WATER	Ground Water	Turbidity	APHA 23rd Edition: 2130 B (Nephelometric)
71	CHEMICAL- WATER	Water for construction purpose	Alkalinity	APHA 23rd Edition: 2320 B Titrimetric (Colour Indicator)
72	CHEMICAL- WATER	Water for construction purpose	Chloride	APHA 23rd Edition: 4500 Cl B (Titrimetric Method)

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73	CHEMICAL- WATER	Water for construction purpose	pH	APHA 23rd Edition: 4500 H+ B (pH Meter)
74	CHEMICAL- WATER	Water for construction purpose	Sulphate	PHA 4500 SO42- E (Spectrophotometric method)
75	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solids	APHA 23rd Edition: 2540 D (Gravimetric)