National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : EN-VISION ENVIRONMENTAL SERVICES, TESTING LABORATORY, 301, UNION TRADE CENTER (UTC), UDHANA DARWAJA, SURAT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5304 **Page No** 1 of 4

Validity 16/12/2022 to 15/12/2024 **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 quality monitoring	Carbon monoxide (CO)	IS 5182 (Part 10)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air quality monitoring	Nitrogen oxide (NOX)	IS 5182 (Part 6)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air quality monitoring	Particulate Matter (size less than 10µm - PM10 µg/m3	IS 5182 Part-23
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air quality monitoring	Particulate Matter (size less than 2.5µm or PM2.5 µg/m3	SOP–STP-A2, Issue No.: 01 ;Issue Date: 01.04.2014
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air quality monitoring	Sulphur dioxide (SO2)	IS 5182 Part-2
6	CHEMICAL- ATMOSPHERIC POLLUTION	Noise	Leq, Lmin, Lmax, SEL (Sound Exposure Level)	STP -No, Issue No. 01 & Date: 01:04.2014
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission monitoring	Carbon dioxide (CO2)	SOP -S4, Issue No.: 01; Issue Date :01.04.2014
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission monitoring	Nitrogen oxide (NOx)	IS 11255 Part-7
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission monitoring	Oxygen (O2)	SOP- S5, Issue No.: 01; Issue Date :01.04.2014
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission monitoring	Particulate matter (PM)	IS 11255 Part-1
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission monitoring	Sulphur dioxide (SO2)	IS 11255 Part-2
12	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available nitrogen as N	IS 14684
13	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Conductivity	STP - SL2, Issue No.: 01; Issue Date :01.04.2014
14	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Moisture	IS 2720 Part-2
15	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	Is 2720 Part-26
16	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water soluble calcium salts as Ca	STP No.: SL4, Issue No.: 01 & Date: 01.04.2014
17	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water soluble magnesium salts as Mg	STP - SL5, Issue No.: 01; Issue Date :01.04: 2014
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Ammonical nitrogen as NH3-N	IS 3025 Part-34

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	BOD @ 27 C for 3 days	IS 3025 Part-44
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Calcium as Ca	IS 3025 Part-40
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Chemical oxygen demand (COD)	APHA 5200 ; 23rd Edition
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Chloride as Cl	IS 3025 Part-32
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Conductivity	IS 3025 Part-14
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Dissolved Oxygen(DO)	IS 3025 Part-38
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Iron as Fe	IS 3025 Part-53
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Magnesium as Mg	IS 3025 Part-46
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Nitrate as NO3	CPCB PDA method
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Oil and Grease	IS 3025 Part-39
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	pH	IS 3025 Part-02
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Phenolic compound as C6H5OH	IS 3025 Part-43
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Residual chlorine	IS 3025 Part-26
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Silica as SiO2	IS 3025 Part-35
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Sulphate as SO4	APHA 4500 SO4-2–E ; 23rd Edition
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Sulphide	IS 3025 Part-29 :1986 / APHA 4500 SO4-2–F; 23rd Edition
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Temperature	IS 3025 Part-9
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Total alkalinity as CaCO3	IS 3025 Part-23
37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Total dissolved solids (TDS)	IS 3025 Part-16

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38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Total solids	IS 3025 Part-15
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Total suspended solids (TSS)	IS 3025 Part-17
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water-Effluent/Sewage	Turbidity	IS 3025 Part-10
41	CHEMICAL- WATER	Ground water/Surface water	BOD @ 27 C for 3 days	IS 3025 Part-44:
42	CHEMICAL- WATER	Ground water/Surface water	Calcium as Ca	IS 3025 Part-40
43	CHEMICAL- WATER	Ground water/Surface water	Chemical oxygen demand (COD)	APHA 5200 ; 23rd Edition
44	CHEMICAL- WATER	Ground water/Surface water	Chloride as Cl	IS 3025 Part-32:
45	CHEMICAL- WATER	Ground water/Surface water	Colour	IS 3025 Part-4
46	CHEMICAL- WATER	Ground water/Surface water	Conductivity	IS 3025 Part-14
47	CHEMICAL- WATER	Ground water/Surface water	Dissolved oxygen	IS 3025 Part-38
48	CHEMICAL- WATER	Ground water/Surface water	Iron as Fe	IS 3025 Part-53
49	CHEMICAL- WATER	Ground water/Surface water	Magnesium as Mg	IS 3025 Part-46
50	CHEMICAL- WATER	ground water/surface water	Nitrate as NO3	CPCB PDA method
51	CHEMICAL- WATER	Ground water/Surface water	Oil and Grease	IS 3025 Part-39
52	CHEMICAL- WATER	Ground water/Surface water	pH	IS 3025 Part-2
53	CHEMICAL- WATER	Ground water/Surface water	Phenolic compounds as C6H5OH	IS 3025 Part-43
54	CHEMICAL- WATER	Ground water/Surface water	Residual chlorine	IS 3025 Part-26
55	CHEMICAL- WATER	Ground water/Surface water	Silica as SiO2	IS 3025 Part-35
56	CHEMICAL- WATER	Ground water/Surface water	Sulphate as So4	APHA 4500 SO4-2–E ; 23rd Edition
57	CHEMICAL- WATER	Ground water/Surface water	Sulphide	IS 3025 Part-29 :1986 / APHA 4500 SO4-2–F; 23rd Edition
58	CHEMICAL- WATER	Ground water/Surface water	Temperature	IS 3025 Part-09
59	CHEMICAL- WATER	Ground water/Surface water	Total alkalinity as CaCO3	IS 3025 Part-23
60	CHEMICAL- WATER	Ground water/Surface Water	Total dissolved solids (TDS)	IS 3025 Part-16
61	CHEMICAL- WATER	Ground water/Surface water	Total Hardness as CaCo3	IS-3025 Part-21
62	CHEMICAL- WATER	Ground water/Surface water	Total solids	Is 3025 Part-15
63	CHEMICAL- WATER	Ground water/Surface water	Total suspended solids (TSS)	IS 3025 Part-17

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64	CHEMICAL- WATER	Ground water/Surface water	Turbidity	IS 3025 Part-10
65	MECHANICAL- SOIL AND ROCK	Soil	Bulk density	STP - SL8 , Revision No 00; Issue Date: 07.12.2018
66	MECHANICAL- SOIL AND ROCK	Soil	Porosity	STP - SL7, Revision 0,0; Issue Date : 07.12.2018
67	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 Part- 3 ; Sec-1
68	MECHANICAL- SOIL AND ROCK	Soil	Water holding capacity (WHC)	STP - SL6, Revision 00; Issue Date : 07.12.2018