National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BHOOMI ENVIROTECH PRIVATE LIMITED, D-1,SECTOR-3,PRIYADARSHINI NAGAR, RAIPUR, CHHATTISGARH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10285 **Page No** 1 of 4

Validity 31/01/2022 to 30/01/2024 **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 Noise (Source DG)	Ambient Noise ,leq (dB(A)	IS 9876:1981 RA
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Oxides of Nitrogen (as NO2)	IS 5182 (PART6):2006 RA
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (PM 10)	IS 5182-23:2006 RA
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (PM2.5)	IS: 5182 :(Part - 24):
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulfur Dioxide(as SO2)	IS :5182(PART2):2001 RA
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack	Particulate Matter	IS: 11255 (Part-1): 1985RA
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxides of Nitrogen (NOx)	IS: 11255 (Part-7):2005 RA
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide (SO2)	IS 11255 (Part 2) : 1985 RA
9	CHEMICAL- ORES & MINERALS	Iron ores	Alumina (as Al2O3)	IS :1493 (Part 1):1981 RA
10	CHEMICAL- ORES & MINERALS	Iron ores	Iron (as Fe)	IS 1493 (Part 1):1981 RA
11	CHEMICAL- ORES & MINERALS	Iron ores	Phosphorus (as P)	IS 1493 (Part 1):1959 RA
12	CHEMICAL- ORES & MINERALS	Iron ores	Silica (as SiO2)	IS 1493 (Part 1):1981 RA
13	CHEMICAL- ORES & MINERALS	Limestone	Alumina (as Al2O3)	IS 1760 (Part 3):1992 RA
14	CHEMICAL- ORES & MINERALS	Limestone	Calcium Oxide (as CaO)	IS 1760(Part 3):1992 RA
15	CHEMICAL- ORES & MINERALS	Limestone	Iron (as Fe2O3)	IS 1760 (PART 3):1992
16	CHEMICAL- ORES & MINERALS	Limestone	Loss of Ignition (LOI)	IS 1760 (Part 1):1991 RA
17	CHEMICAL- ORES & MINERALS	Limestone	Magnesium Oxide (as MgO)	IS 1760 (Part 3) :1992 RA
18	CHEMICAL- ORES & MINERALS	Limestone	Silica (as SiO2)	IS 1760 (Part 2) :1991 RA

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil and grease	IS 3025 (PART 39) C
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH at 27 °C	IS 3025 (PART 11) Clause 2:1983 RA
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended solids (TSS)	IS 3025 (PART 17):1984 RA
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Chemical Oxygen Demand (COD)	IS 3025 (Part 58) :2005 RA
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water(Effluents/Sewage)	Biochemical Oxygen Demand (BOD)	IS 3025 (Part 44) :1993 RA
24	CHEMICAL- WATER	Construction water	Acidity (Neutralize 100 ml Sample of water using 0.02 N NaOH)	IS 3025 (Part 22):1986 RA
25	CHEMICAL- WATER	Construction Water	Alkalinity (Neutralize 100 ml Sample of water using 0.02 N H2SO4)	IS 3052(PART 23):1986 RA-
26	CHEMICAL- WATER	Construction Water	Chloride (as Cl)	IS 3025 (Part 32) Clause 2:1988 RA
27	CHEMICAL- WATER	Construction Water	Filterable residue (Total Dissolved solids)	IS 3025 (PART 16):1984 RA
28	CHEMICAL- WATER	Construction Water	Fixed Residue (Inorganic)	IS 3025 (Part 18):1984 RA
29	CHEMICAL- WATER	Construction Water	pH at 25°C	IS 3025 (Part-11) Clause 2 : 1983 RA-
30	CHEMICAL- WATER	Construction Water	Sulphate (as SO4)	IS 3025(Part24) Clause 4 :1986 RA
31	CHEMICAL- WATER	Construction Water	Total Suspended Solids (TSS)	IS 3025 (Part 17):1984 RA
32	CHEMICAL- WATER	Construction Water	Volatile residue (Organic)	IS 3025 (Part 18):1984 RA
33	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	IS 3025 (Part 40) Clause 5:1991
34	CHEMICAL- WATER	Drinking Water	Chloride (as Cl)	IS 3025(Part 32) Clause 2:1988RA
35	CHEMICAL- WATER	Drinking Water	Electrical conductivity	IS 3025 (Part 14):Clause 2 :2013 RA
36	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 (Part 46) Clause 6:1994
37	CHEMICAL- WATER	Drinking Water	pH at 27 °C	IS 3025:(part 11) Clause 2 :1983: RA

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38	CHEMICAL- WATER	Drinking Water	Sulphate (as SO4)	IS 3025(PART 34) Clause 4:1988 RA
39	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part23):1986 RA
40	CHEMICAL- WATER	Drinking Water	Total Dissolved solids (TDS)	IS 3025 (PART 16):1984 RA
41	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 (Part 21):1984
42	CHEMICAL- WATER	Drinking Water	Total Suspended Solids (TSS)	S 3025 (Part 17):1984 RA
43	CHEMICAL- WATER	Ground Water	Calcium (as Ca)	IS 3025 (Part 40):Clause 5:1991 RA
44	CHEMICAL- WATER	Ground Water	Chloride (as Cl)	IS 3025 (Part 32) Clause 2:1988 RA
45	CHEMICAL- WATER	Ground Water	Electrical Conductivity	IS 3025 (Part 14) Clause 2:2013 RA
46	CHEMICAL- WATER	Ground Water	Filterable residue solids (Total dissolved solids)	IS 3025 (Part 16):1984 RA
47	CHEMICAL- WATER	Ground Water	Magnesium	IS 3025 (Part 46):Clause 6 :1994 RA
48	CHEMICAL- WATER	Ground water	pH at 25°C	IS 3025:(Part 11) Clause 2 :1983 RA
49	CHEMICAL- WATER	Ground Water	Sulphate (as SO4)	IS 3025 (Part 24) Clause 4:1986 RA
50	CHEMICAL- WATER	Ground Water	Total Alkalinity	IS 3025(Part 23):1986 RA
51	CHEMICAL- WATER	Ground Water	Total Hardness	IS 3025 (Part 21):Clause 5 :2009 RA
52	CHEMICAL- WATER	Ground Water	Total Suspended solids	IS 3025 (PART 16):1984 RA
53	CHEMICAL- WATER	Industrial Water	Biochemical Oxygen Demand - BOD (3 days at 27°C)	IS 3025 (Part 44): 1993 RA
54	CHEMICAL- WATER	Industrial Water	Calcium (as Ca)	IS 3025 (Part 40) Clause 5: 1991 RA
55	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58): 2006 RA
56	CHEMICAL- WATER	Industrial Water	Chloride (as Cl)	IS 3025 (Part 32) Clause 2: 1988 RA
57	CHEMICAL- WATER	Industrial Water	Electrical Conductivity	IS 3025 (Part 14) Clause 2: 2013 RA
58	CHEMICAL- WATER	Industrial Water	Magnesium	IS 3025 (Part 46) Clause 6: 1994 RA

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59	CHEMICAL- WATER	Industrial Water	pH at 25°C	IS 3025 (Part 11) Clause 2: 1983 RA
60	CHEMICAL- WATER	Industrial Water	Sulphate (as SO4)	IS 3025 (Part 24) Clause 4: 1986 RA
61	CHEMICAL- WATER	Industrial Water	Total Alkalinity	IS 3025 (Part 23): 1986 RA
62	CHEMICAL- WATER	Industrial Water	Total Dissolve Solids	IS 3025 (Part 16): 1984 RA
63	CHEMICAL- WATER	Industrial Water	Total Hardness	IS 3025 (Part 21) Clause 5: 2009 RA
64	CHEMICAL- WATER	Industrial Water	Total Suspended Solid	IS 3025 (Part 17): 1984 RA
65	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand - BOD (3 days at 27°C)	IS 3025 (Part 44): 1993 RA
66	CHEMICAL- WATER	Surface Water	Calcium	IS 3025 (Part 40) Clause 5: 1991 RA
67	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58): 2006 RA
68	CHEMICAL- WATER	Surface Water	Chloride (as Cl)	IS 3025 (Part 32) Clause 2: 1988 RA
69	CHEMICAL- WATER	Surface Water	Electrical Conductivity	IS 3025 (Part 14) Clause 2: 2013 RA
70	CHEMICAL- WATER	Surface Water	Magnesium	IS 3025 (Part 46) Clause 6: 1994 RA
71	CHEMICAL- WATER	Surface water	pH at 25°C	IS 3025 (PART 11):Clause no 2:1983 RA
72	CHEMICAL- WATER	Surface Water	Sulphate (as SO4)	IS 3025 (Part 24) Clause 4: 1986 RA
73	CHEMICAL- WATER	Surface Water	Total Alkalinity	IS 3025 (Part 23): 1986 RA
74	CHEMICAL- WATER	Surface Water	Total Dissolve Solids	IS 3025 (Part 16): 1984 RA
75	CHEMICAL- WATER	Surface Water	Total Hardness	IS 3025 (Part 21) Clause 5: 2009 RA
76	CHEMICAL- WATER	Surface Water	Total Suspended Solid	IS 3025 (Part 17): 1984 RA