National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : VIBRANT TECHNO LAB PRIVATE LIMITED, PLOT NO. SC 40, 3RD FLOOR, NARAYAN VIHAR S, AJMER ROAD, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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	BIOLOGICAL- WATER	Drinking Water	Escherichia coli	IS 15185
2	BIOLOGICAL- WATER	Drinking Water	Standard Plate Count	IS 1622
3	BIOLOGICAL- WATER	Drinking Water	Total Coliform	IS 15185
4	BIOLOGICAL- WATER	Ground Water / Surface Water	Escherichia coli	IS 15185
5	BIOLOGICAL- WATER	Ground Water / Surface Water	Faecal Coliform	IS 1622
6	BIOLOGICAL- WATER	Ground Water / Surface Water	Total Coliform	IS 15185
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia (As Total Ammonia - N)	Methods of Air Sampling and Analysis, 3rd Edition, Method No. 401
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Arsenic (As)	Methods of Air Sampling and Analysis, 3rd Edition, Method No. 302
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzene	IS 5182 (Part-11)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzo (a) Pyrene	IS 5182 (Part-12)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	C1 to C5 Hydrocarbon	IS 5182 (Part-17)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Dust Fall Rate	IS 5182 (Part-1)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead as Pb	IS 5182 (Part-22)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel (Ni)	USEPA Compendium IO-3.2
15	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen (NOx)	IS 5182 (Part-6), Section 2
16	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone (O3)	IS 5182 (Part-9)
17	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM 10	IS 5182 (Part-23)
18	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM 2.5	IS 5182 (Part-24)
19	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part-2), Section 2
20	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Leq Day / Leq Night	IS 9989

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21	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia	IS 11255 (Part-6), Titrimetric Method
22	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Arsenic (As As)	USEPA 29
23	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Cadmium (As Cd)	USEPA 29
24	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide (CO2)	USEPA 3A
25	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide (CO)	USEPA 10
26	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Chromium (As Cr)	USEPA 29
27	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Cobalt (As Co)	USEPA 29
28	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Copper (As Cu)	USEPA 29
29	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Flow Rate	IS 11255 (Part-3)
30	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Fluoride (Gaseous)	APHA 3rd Edition, Method No. 809
31	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Hydro Carbon (C1-C5)	USEPA 18
32	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Lead	USEPA 29
33	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Manganese (As Mn)	USEPA 29
34	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Mercury (As Hg)	USEPA 29
35	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Moisture	IS 11255 (Part-3)
36	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Nickel (As Ni)	USEPA 29
37	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	NOx	IS 11255 (Part-7)
38	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen (O2)	USEPA 3A
39	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part-1)

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40	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Selenium (As Se)	USEPA 29
41	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulfuric Acid Mist	USEPA 8
42	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide	IS 11255 (Part-2)
43	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Zinc (As Zn)	USEPA 29
44	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Asbestos Fibre	IS 11450
45	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Lux Level (Light Intensity)	IS 6665
46	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Total Dust as SPM	NIOSH 500
47	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Noise	Leq, Lmax, Lmin (A)	IS 9989
48	CHEMICAL- ORES & MINERALS	Iron Ores	Iron as Fe	IS 1493 (Part-1)
49	CHEMICAL- ORES & MINERALS	Iron Ores	Moisture	IS 1493 (Part-1)
50	CHEMICAL- ORES & MINERALS	Iron Ores	Phosphorous as P	IS 1493 (Part-1)
51	CHEMICAL- ORES & MINERALS	Iron Ores	Silica as SiO2	IS 1493 (Part-1)
52	CHEMICAL- ORES & MINERALS	Iron Ores	Sulphur	IS 1493 (Part-1)
53	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Alumina (Al2O3)	IS 1760 (Part-3)
54	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Calcium Oxide (CaO)	IS 1760 (Part-3)
55	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Iron Oxide (Fe2O3)	IS 1760 (Part-3)
56	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Loss on Ignition	IS 1760 (Part-1)
57	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Magnesium Oxide (MgO)	IS 1760 (Part-3)
58	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Silica (SiO2)	IS 1760 (Part-2)

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59	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Chloride	USDA, Method 13 (Page-98)
60	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Chromium	USEPA 3050-B
61	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Copper	USEPA 3050-B
62	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Lead	USEPA 3050-B
63	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Moisture	Lab SOP No. VTL/STP/01, Issue No. 1, Issue Date: 01.06.2022
64	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Organic Matter	IS 2720 (Part-22)
65	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Total Ash	ASTM D 2974-87
66	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Total Phosphorus	Lab SOP No. VTL/STP/01, Issue No. 1, Issue Date: 01.06.2022
67	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Total Potassium	USEPA 3050-B
68	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Total Soluble Sulphate	IS 2720 (Part-27), Turbidity Method
69	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Zinc	USEPA 3050-B
70	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Available Nitrogen	IS 14684
71	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Available Phosphorus	Lab SOP No. VTL/STP/01, Issue No. 1, Issue Date: 01.06.2022
72	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Bulk Density	USDA (Page No.121)
73	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Copper	USEPA 3050-B
74	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Electrical Conductivity	IS 14767
75	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Exchangeable Calcium	Lab SOP No. VTL/STP/01, Issue No. 1, Issue Date: 01.06.2022
76	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Exchangeable Magnesium	Lab SOP No. VTL/STP/01, Issue No. 1, Issue Date: 01.06.2022
77	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Manganese	USEPA 3050-B

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78	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Organic Matter	IS 2720 (Part-22)
79	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	pH	IS 2720 (Part-26)
80	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Potassium	USEPA 3050-B
81	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Sodium	USEPA 3050-B
82	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Soil Moisture	Lab SOP No. VTL/STP/01, Issue No. 1, Issue Date: 01.06.2022
83	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Soluble Chloride	USDA, Method 13, (Page-98)
84	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Total Cadmium	USEPA 3050-B
85	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Total Lead	USEPA 3050-B
86	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Total Soluble Sulphate	IS 2720 (Part-27), Turbidity Method
87	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Zinc	USEPA 3050-B
88	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Alachlor	USEPA 8081 (B)
89	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Aldrin	USEPA 8081 (B)
90	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Alpha Endosulfan	USEPA 8081 (B)
91	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Alpha HCH	USEPA 8081 (B)
92	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Arsenic (As As)	APHA 23rd Edition, 3114-C
93	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Beta Endosulfan	USEPA 8081 (B)
94	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Boron (As B)	APHA 23rd Edition, Method No. 4500-B
95	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cadmium (As Cd)	APHA 23rd Edition, 3030-D, 3113-B
96	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chromium (As Cr)	APHA 23rd Edition, Method No. 3113-B

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97	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Copper (As Cu)	APHA 23rd Edition, Method No. 3111-B
98	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Endosulfan Sulfate	USEPA 8081 (B)
99	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Gamma HCH (Lindane)	USEPA 8081 (B)
100	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron (As Fe)	APHA 23rd Edition, Method No. 3111B
101	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead (As Pb)	APHA 23rd Edition, 3030-D, 3113-B
102	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Malathion	USEPA 8141 (B)
103	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Manganese (As Mn)	APHA 23rd Edition, 3030-D, 3111-B
104	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Mercury (As Hg)	APHA 23rd Edition, 3114-C
105	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Methyl Parathion	USEPA 8141 (B)
106	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickel (As Ni)	APHA 23rd Edition, 3030-D, 3113-B
107	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc (As Zn)	APHA 23rd Edition, 3030-D, 3113-B
108	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Ammonical Nitrogen (NH3-N)	IS 3025 (Part-34), Section 4
109	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Biochemical Oxygen Demand (BOD) (3 Days at 27°C)	IS 3025 (Part-44)
110	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Chemical Oxygen Demand (COD)	IS 3025 (Part-58)
111	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Colour	IS 3025 (Part-4)
112	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Dissolved Oxygen	IS 3025 (Part-38)
113	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Dissolved Phosphate (As P)	IS 3025 (Part- 31), Section 1, Stannous Chloride Method
114	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Electrical Conductance	IS 3025 (Part-14)
115	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Fluoride as F	APHA 23rd Edition, 4500-F-D

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116	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Nitrate Nitrogen (As NO3)	IS 3025 (Part-34), Section 4, Chromotropic Method
117	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Oil & Grease	IS 3025 (Part-39)
118	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	pH	IS 3025 (Part-11)
119	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Phenolic Compounds (C6H2OH)	APHA 23rd Edition, 5530-C
120	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Residual Chlorine	IS 3025 (Part- 26)
121	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Sulphide (As S)	IS 3025 (Part-29), Iodometric Method
122	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Temperature	IS 3025 (Part-9)
123	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Total Dissolved Solids	IS 3025 (Part-16)
124	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Total Kjeldahl Nitrogen	IS 3025 (Part-34), Section 4
125	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Total Suspended Solids	IS 3025 (Part-17)
126	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Turbidity	IS 3025 (Part-10), Nephelometer Method
127	CHEMICAL- RESIDUES IN WATER	Water	Alachlor	USEPA 8081 (B)
128	CHEMICAL- RESIDUES IN WATER	Water	Aldrin	USEPA 8081 (B)
129	CHEMICAL- RESIDUES IN WATER	Water	Alpha Endosulfan	USEPA 8081 (B)
130	CHEMICAL- RESIDUES IN WATER	Water	Alpha HCH	USEPA 8081 (B)
131	CHEMICAL- RESIDUES IN WATER	Water	Arsenic (As As)	APHA 23rd Edition, 3114-C
132	CHEMICAL- RESIDUES IN WATER	Water	Beta Endosulfan	USEPA 8081 (B)
133	CHEMICAL- RESIDUES IN WATER	Water	Beta HCH	USEPA 8081 (B)
134	CHEMICAL- RESIDUES IN WATER	Water	Boron (As B)	APHA 23rd Edition, Method No. 4500-B

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135	CHEMICAL- RESIDUES IN WATER	Water	Cadmium (As Cd)	APHA 23rd Edition, 3030-D, 3113-B
136	CHEMICAL- RESIDUES IN WATER	Water	Chlorpyriphos	USEPA 8141 (B)
137	CHEMICAL- RESIDUES IN WATER	Water	Chromium (As Cr)	APHA 23rd Edition, Method No. 3113-B
138	CHEMICAL- RESIDUES IN WATER	Water	Copper (As Cu)	APHA 23rd Edition, Method No. 3111-B
139	CHEMICAL- RESIDUES IN WATER	Water	Delta HCH	USEPA 8081 (B)
140	CHEMICAL- RESIDUES IN WATER	Water	Dieldrin	USEPA 8081 (B)
141	CHEMICAL- RESIDUES IN WATER	Water	Endosulfan Sulfate	USEPA 8081 (B)
142	CHEMICAL- RESIDUES IN WATER	Water	Gamma - HCH (Lindane)	USEPA 8081 (B)
143	CHEMICAL- RESIDUES IN WATER	Water	Iron (As Fe)	APHA 23rd Edition, Method No. 3111-B
144	CHEMICAL- RESIDUES IN WATER	Water	Lead (As Pb)	APHA 23rd Edition, 3030-D, 3113-B
145	CHEMICAL- RESIDUES IN WATER	Water	Malathion	USEPA 8141 (B), 2007
146	CHEMICAL- RESIDUES IN WATER	Water	Manganese (As Mn)	APHA 23rd Edition, 3030-D, 3111-B
147	CHEMICAL- RESIDUES IN WATER	Water	Mercury (As Hg)	APHA 23rd Edition, 3114-C
148	CHEMICAL- RESIDUES IN WATER	Water	Methyl Parathion	USEPA 8141 (B)
149	CHEMICAL- RESIDUES IN WATER	Water	Nickel (As Ni)	APHA 23rd Edition, 3030-D, 3113-B
150	CHEMICAL- RESIDUES IN WATER	Water	p.p. DDD or 4,4 – DDD	USEPA 8081 (B)
151	CHEMICAL- RESIDUES IN WATER	Water	p.p. DDE or 4,4 – DDE	USEPA 8081 (B)
152	CHEMICAL- RESIDUES IN WATER	Water	p.p. DDT or 4,4 – DDT	USEPA 8081 (B)
153	CHEMICAL- RESIDUES IN WATER	Water	Selenium (As Se)	APHA 23rd Edition, 3114-C

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154	CHEMICAL- RESIDUES IN WATER	Water	Zinc (As Zn)	APHA 23rd Edition, 3030-D, 3113-B
155	CHEMICAL- WATER	Drinking Water	Aluminium	IS 3025 (Part-55)
156	CHEMICAL- WATER	Drinking Water	Ammonia (As Total Ammonia - N)	IS 3025 (Part-34), Section 4
157	CHEMICAL- WATER	Drinking Water	Calcium (As Ca)	IS 3025 (Part-40)
158	CHEMICAL- WATER	Drinking Water	Chloride (As Cl)	IS 3025 (Part-32)
159	CHEMICAL- WATER	Drinking Water	Electrical Conductance	IS 3025 (Part-14)
160	CHEMICAL- WATER	Drinking Water	Fluoride (As F)	APHA 23rd Edition, 4500-F-D
161	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	IS 3025 (Part-26)
162	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 (Part-46)
163	CHEMICAL- WATER	Drinking Water	Nitrate (As NO3)	IS 3025 (Part-34), Section 4, Chromotropic Method
164	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen	APHA 23rd Edition, 4500-NO2-B
165	CHEMICAL- WATER	Drinking Water	pH Value	IS 3025 (Part-11)
166	CHEMICAL- WATER	Drinking Water	Phenolic Compounds (C6H2OH)	APHA 23rd Edition, 5530-C
167	CHEMICAL- WATER	Drinking Water	Sulphate (As SO4)	IS 3025 (Part-24), Section 1
168	CHEMICAL- WATER	Drinking Water	Total Alkalinity (As CaCO3)	IS 3025 (Part-23)
169	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part-16)
170	CHEMICAL- WATER	Drinking Water	Total Hardness (CaCO3)	IS 3025 (Part-21)
171	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	IS 3025 (Part-17)
172	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part-10)
173	CHEMICAL- WATER	Ground Water	Aluminium	IS 3025 (Part-55)
174	CHEMICAL- WATER	Ground Water	Ammonia (As Total Ammonia - N)	IS 3025 (Part-34), Section 4
175	CHEMICAL- WATER	Ground Water	Calcium (As Ca)	IS 3025 (Part-40)
176	CHEMICAL- WATER	Ground Water	Chloride (As Cl)	IS 3025 (Part-32)
177	CHEMICAL- WATER	Ground Water	Electrical Conductance	IS 3025 (Part-14)
178	CHEMICAL- WATER	Ground Water	Fluoride (As F)	APHA 23rd Edition, 4500-F-D
179	CHEMICAL- WATER	Ground Water	Free Residual Chlorine	IS 3025 (Part-26)
180	CHEMICAL- WATER	Ground Water	Magnesium	IS 3025 (Part-46)

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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
181	CHEMICAL- WATER	Ground Water	Nitrate (As NO3)	IS 3025 (Part-34), Section 4, Chromotropic Method
182	CHEMICAL- WATER	Ground Water	pH Value	IS 3025 (Part-11)
183	CHEMICAL- WATER	Ground Water	Phenolic Compounds (C6H2OH)	APHA 23rd Edition, 5530-C
184	CHEMICAL- WATER	Ground Water	Potassium	APHA 23rd Edition, 3030-D, 3113-B
185	CHEMICAL- WATER	Ground Water	Sodium (As Na)	APHA 23rd Edition, 3030-D, 3113-B
186	CHEMICAL- WATER	Ground Water	Sulphate (As SO4)	IS 3025 (Part-24), Section 1, Turbidity Method
187	CHEMICAL- WATER	Ground Water	Total Alkalinity (As CaCO3)	IS 3025 (Part-23)
188	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	IS 3025 (Part-16)
189	CHEMICAL- WATER	Ground Water	Total Hardness (As CaCO3)	IS 3025 (Part-21)
190	CHEMICAL- WATER	Ground Water	Total Suspended Solids	IS 3025 (Part-17)
191	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part-10), Nephelometer Method
192	CHEMICAL- WATER	Industrial Water	Biochemical Oxygen Demand (BOD) (3 Days at 27°C)	IS 3025 (Part-44)
193	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand (COD)	IS 3025 (Part-58)
194	CHEMICAL- WATER	Industrial Water	Dissolved Oxygen	IS 3025 (Part-38)
195	CHEMICAL- WATER	Industrial Water	Electrical Conductance	IS 3025 (Part-14)
196	CHEMICAL- WATER	Industrial Water	Nitrate (As NO3)	IS 3025 (Part-34), Chromotropic Method
197	CHEMICAL- WATER	Industrial Water	pH Value	IS 3025 (Part-11)
198	CHEMICAL- WATER	Industrial Water	Phenolic Compounds (C6H2OH)	APHA 23rd Edition, 5530-C
199	CHEMICAL- WATER	Industrial Water	Sulphate (As SO4)	IS 3025 (Part-24), Turbidity Method
200	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	IS 3025 (Part-16)
201	CHEMICAL- WATER	Industrial Water	Total Suspended Solids	IS 3025 (Part-17)
202	CHEMICAL- WATER	Industrial Water	Turbidity	IS 3025 (Part-10), Nephelometer Method
203	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand (BOD) (3 Days at 27°C)	IS 3025 (Part-44)

SCOPE OF ACCREDITATION

Laboratory Name : VIBRANT TECHNO LAB PRIVATE LIMITED, PLOT NO. SC 40, 3RD FLOOR, NARAYAN VIHAR S, AJMER ROAD, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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
204	CHEMICAL- WATER	Surface Water	Calcium (As Ca)	IS 3025 (Part-40), EDTA Method
205	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	IS 3025 (Part-58)
206	CHEMICAL- WATER	Surface Water	Chloride (As Cl)	IS 3025 (Part-32)
207	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 (Part-38)
208	CHEMICAL- WATER	Surface Water	Electrical Conductance	IS 3025 (Part-14)
209	CHEMICAL- WATER	Surface Water	Fluoride (As F)	APHA 23rd Edition, 4500-F-D
210	CHEMICAL- WATER	Surface Water	Magnesium	IS 3025 (Part-46), EDTA Method
211	CHEMICAL- WATER	Surface Water	Nitrate (As NO3)	IS 3025 (Part-34), Section 4, Chromotropic Method
212	CHEMICAL- WATER	Surface Water	pH Value	IS 3025 (Part-11)
213	CHEMICAL- WATER	Surface Water	Phenolic Compounds (C6H2OH)	APHA 23rd Edition, 5530-C
214	CHEMICAL- WATER	Surface Water	Sulphate (As SO4)	IS 3025 (Part-24), Section 1, Turbidity Method
215	CHEMICAL- WATER	Surface Water	Total Alkalinity (As CaCO3)	IS 3025 (Part-23)
216	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS 3025 (Part-16)
217	CHEMICAL- WATER	Surface Water	Total Hardness (CaCo3)	IS 3025 (Part-32)
218	CHEMICAL- WATER	Surface Water	Total Suspended Solids	IS 3025 (Part-17)
219	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part-10)