National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	VISIONTEK CONSULTANCY SERVICES PVT. LTD., PLOT NO. M-22 & M-23, CHANDAKA INDUSTRIAL ESTATE, PATIA, BHUBANESWAR, ODISHA, 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	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia as NH3	VCSPL/AAQ-SOP/001
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Arsenic as As	IS 5182 (Part-22)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzene	IS 5182 (Part 11)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzo-a-pyrine (BaP)	IS 5182 (Part 12)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Monoxide as CO	IS 5182(Part 10)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead as Pb	IS 5182 (Part-22)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel as Ni	IS 5182 (Part-22)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide (NO2)	IS 5182 (Part 6)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone as O3	VCSPL/AAQ-SOP/001
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS 5182 (Part 23)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter as PM 2.5	CPCB MANUAL
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part 2)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Fluoride	IS 11255 (Part-5)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen	IS 11255 (Part-7)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen	VCSPL/STACK-SOP/003
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur-dioxide	IS 11255 (Part- 2)
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission / Process / Vent Emissions	Carbon dioxide	VCSPL/SOP/003 (Issue NO-01, Dt 01.08
18	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission / Process / Vent Emissions	Carbon monoxide	VCSPL/SOP/003 (Issue NO-01, Dt 01.08

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission / Process / Vent Emissions	Particulate Matter	IS 11255 (Part 1)
20	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission / Process / Vent Emissions	Stack gas Velocity & Flow	IS 11255 (Part 3)
21	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission / Process / Vent Emissions	Temperature	IS 11255 (Part 3)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Arsenic as As	EPA 3050B, 7000B Rev 02
23	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Boron as B	VCSPL/SOIL- SOP/004 (Issue No. 01, Date:01.08.2019)
24	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available phosphorus	VCSPL/SOIL- SOP/004 (Issue No. 01, Date: 01.08.2019)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Sodium as Na	VCSPL/SOIL- SOP/004 (Issue No. 01, Date: 01.08.2019)
26	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Bulk Density	USDA :1954- Page 121
27	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Cadmium as Cd	EPA 3050B, 7000B Rev 02
28	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Cation Exchange Capacity (CEC)	IS : 2720 (Part 24)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Chromium (Cr) Total	EPA 3050B, 7000B, Rev 02
30	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Copper as Cu	EPA 3050B, 7000B. Rev 02
31	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electrical conductivity (EC) @ 25°C	IS:14767:2000
32	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable Calcium	VCSPL/SOIL- SOP/004 (Issue No. 01, Date: 01.08.2019)
33	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable Magnesium	VCSPL/SOIL- SOP/004 (Issue No. 01, Date: 01.08.2019)
34	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Extractable Sulphur as S	VCSPL/SOIL- SOP/004 (Issue No. 01, Date: 01.08.2019)
35	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Iron as Fe	EPA 3050B, 7000B Rev 02
36	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Lead as Pb	EPA 3050B, 7000B Rev 02
37	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Manganese as Mn	EPA 3050B, 7000B Rev 02

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38	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Mercury as Hg	EPA 3050B, 7000B Rev 02
39	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Nickel as Ni	EPA 3050B, 7000B Rev 02
40	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Nitrogen Available	VCSPL/SOIL- SOP/004 (Issue No. 01, Date: 01.08.2019)
41	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Carbon	IS 2720 (Part-26)
42	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	VCSPL/SOIL- SOP/004 (Issue No. 01, Date: 01.08.2019)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH@ 25°C	IS:2720(P-26)
44	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Potassium (Available)	VCSPL/SOIL- SOP/004 (Issue No. 01, Date: 01.08.2019)
45	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Potassium (Total)	VCSPL/SOIL- SOP/004 (Issue No. 01, Date: 01.08.2019)
46	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Soil Moisture	IS 2720 (Part-2)
47	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Nitrogen	IS 14684 (Part-26)
48	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Soluble Solids	IS2720(P-21)
49	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Holding Capacity	USDA:1954- Page 39
50	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Zinc as Zn	EPA 3050B, 7000B Rev 02
51	CHEMICAL- POLLUTION & ENVIRONMENT	Soil Waste	Available Phosphorus	VCSPL/SOIL/SOP/004 (Issue no. 01, Issue Date: 01.08.2019)
52	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Arsenic as As	EPA 3050B, 700B, Rev. 2
53	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Availabe Boron as B	VCSPL/SOIL/SOP/004 (Issue no. 01, Issue Date: 01.08.2019)
54	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Available Sodium as Na	VCSPL/SOIL/SOP/004 (Issue no. 01, Issue Date: 01.08.2019)
55	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Bulk Density	USDA 1954- Page 121
56	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Cadmium as Cd	EPA 3050B, 700B, Rev. 2

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57	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Cation Exchange Capacity (CEC)	IS 2720 (Part 24)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Chromium as Cr (Total)	EPA 3050B, 700B, Rev. 2
59	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Copper as Cu	EPA 3050B, 700B, Rev. 2
60	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Electrical conductivity @250C	IS 14767
61	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Exchangeable Calcium	VCSPL/SOIL/SOP/004 (Issue no. 01, Issue Date: 01.08.2019)
62	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Exchangeable Magnesium	VCSPL/SOIL/SOP/004 (Issue no. 01, Issue Date: 01.08.2019)
63	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Extractable Sulphur as S	VCSPL/SOIL/SOP/004 (Issue no. 01, Issue Date: 01.08.2019)
64	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Iron as Fe	EPA 3050B, 700B, Rev. 2
65	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Lead as Pb	EPA 3050B, 700B, Rev. 2
66	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Manganese as Mn	EPA 3050B, 700B, Rev. 2
67	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Mercury as Hg	EPA 3050B, 700B, Rev. 2
68	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Moisture	IS 2720 (Part 2)
69	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Nickel as Ni	EPA 3050B, 700B, Rev. 2
70	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Nitrogen Available	VCSPL/SOIL/SOP/004 (Issue no. 01, Issue Date: 01.08.2019)
71	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Organic Carbon	IS 2720 (Part 22)
72	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Organic matter	VCSPL/SOIL/SOP/004 (Issue no. 01, Issue Date: 01.08.2019)
73	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	pH @ 25oC	IS 2720 (Part 26)
74	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Potassium Available	VCSPL/SOIL/SOP/004 (Issue no. 01, Issue Date: 01.08.2019)
75	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Total Nitrogen	IS 14684 (Part 26)

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76	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Total Potassium	VCSPL/SOIL/SOP/004 (Issue no. 01, Issue Date: 01.08.2019)
77	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Total Soluble Solids	IS 2720 (Part 21)
78	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Water Holding Capacity	USDA Page 39
79	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste	Zinc as Zn	EPA 3050B, 700B, Rev. 2
80	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (TCLP)	Nickel as Ni	EPA 1311/EPA 200.8
81	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (TCLP)	Arsenic as As	EPA 1311/EPA 200.8
82	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (TCLP)	Boron as B	EPA 1311/EPA 200.8
83	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (TCLP)	Cadmium as Cd	EPA 1311/EPA 200.8
84	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (TCLP)	Chromium as Cr	EPA 1311/EPA 200.8
85	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (TCLP)	Cobalt as Co	EPA 1311/EPA 200.8
86	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (TCLP)	Copper as Cu	EPA 1311/EPA 200.8
87	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (TCLP)	Iron as Fe	EPA 1311/EPA 200.8
88	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (TCLP)	Lead as Pb	EPA 1311/EPA 200.8
89	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (TCLP)	Manganese as Mn	EPA 1311/EPA 200.8
90	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (TCLP)	Mercury as Hg	EPA 1311/EPA 200.8
91	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (TCLP)	Molybdenum as Mo	EPA 1311/EPA 200.8
92	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (TCLP)	Selenium as Se	EPA 1311/EPA 200.8
93	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (TCLP)	Vanadium as V	EPA 1311/EPA 200.8
94	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (TCLP)	Zinc as Zn	EPA 1311/EPA 200.8

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95	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen as N	APHA 23rd Edition 4500 NH3 .C
96	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Arsenic as As	APHA 23rd Edition 3500 As
97	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Bio Chemical Oxygen Demand (BOD)	IS 3025 (Part 44)
98	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cadmium as Cd	APHA 23rd Edition 3111 B
99	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand (COD)	APHA 23rd Edition,5220 B
100	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chlorine Residual	APHA 23rd Edition 4500 Cl- B
101	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chromium (Cr) Total	APHA 23rd Edition, 3111 B
102	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Colour	APHA 23rd Edition 2120 B
103	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Copper as Cu	APHA 23rd Edition, 3111 B
104	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cyanide as CN	APHA 23rd Edition 4500 –CN-C, E
105	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA 23rd Edition 4500 O. C
106	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Flouride as F	APHA 23rd Edition 4500 F- C,D
107	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexavalent Chromium as Cr6+	APHA 23rd Edition 3500 Cr B
108	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron as Fe	APHA 23rd Edition, 3111 B
109	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead as Pb	APHA 23rd Edition, 3111 B
110	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Manganese as Mn	APHA 23rd Edition, 3111 B
111	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Mercury as Hg	APHA 23rd Edition, 3112 B
112	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickel as Ni	APHA 23rd Edition, 3111 B
113	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate as NO3	APHA 23rd Edition 4500 NO3- B

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114	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite as NO2	APHA 23rd Edition 4500 NO2
115	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Oil & Grease	APHA 23rd Edition,5520 B
116	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	pH	APHA 23rd Edition 4500 H+ B
117	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phenolic Compoond	APHA 5530-B, D; 23rd Edition
118	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate as PO4	APHA 23rd Edition 4500 P D
119	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Selenium as Se	APHA 23rd Edition, 3500 Se C
120	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphide as S	APHA 23rd Edition 4500 -S.D
121	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Suspended Solids	APHA 23rd Edition,2540 D
122	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Kjeldahl Nitrogen	APHA 23rd Edition,4500 Norg B
123	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Solids	APHA 23rd Edition,2540 B
124	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Vanadium	APHA 23rd Edition, 3500 V
125	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc as Zn	APHA 23rd Edition, 3111 B
126	CHEMICAL- RESIDUES IN WATER	Drinking Water	2,4 DDT	APHA 23rd Edition 6630 C
127	CHEMICAL- RESIDUES IN WATER	Drinking Water	4,4 DDD	APHA 23rd Edition 6630 C
128	CHEMICAL- RESIDUES IN WATER	Drinking Water	4,4 DDE	APHA 6630 C; 23rd Edition
129	CHEMICAL- RESIDUES IN WATER	Drinking Water	4,4 -DDT	APHA 6630 C; 23rd Edition
130	CHEMICAL- RESIDUES IN WATER	Drinking Water	a-BHC	APHA 6630 C; 23rd Edition
131	CHEMICAL- RESIDUES IN WATER	Drinking Water	Acenaphthene	APHA 23rd Edition 6440 B
132	CHEMICAL- RESIDUES IN WATER	Drinking Water	Acenaphthylene	APHA 23rd Edition 6440 B

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133	CHEMICAL- RESIDUES IN WATER	Drinking Water	Aldrin	APHA 6630 C; 23rd Edition
134	CHEMICAL- RESIDUES IN WATER	Drinking Water	Aluminium as Al	APHA 23rd Edition, 3500 Al B
135	CHEMICAL- RESIDUES IN WATER	Drinking Water	Anthracene	APHA 6440 B; 23rd Edition
136	CHEMICAL- RESIDUES IN WATER	Drinking Water	Arsenic as As	APHA 23rd Edition, 3500 As
137	CHEMICAL- RESIDUES IN WATER	Drinking Water	Barium as Ba	APHA 23rd Edition, 3111 B
138	CHEMICAL- RESIDUES IN WATER	Drinking Water	Benzo(a)anthracene	APHA 23rd Edition, 6440 B
139	CHEMICAL- RESIDUES IN WATER	Drinking Water	Benzo(a)pyrene	APHA 23rd Edition, 6440 B
140	CHEMICAL- RESIDUES IN WATER	Drinking Water	Benzo(ghi)perylene	APHA 23rd Edition, 6440 B
141	CHEMICAL- RESIDUES IN WATER	Drinking Water	Benzo(k) fluoranthene	APHA 23rd Edition, 6440 B
142	CHEMICAL- RESIDUES IN WATER	Drinking Water	Boron as B	APHA 23rd Edition, 4500 B, B
143	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cadmium as Cd	APHA 3111 B; 23rd Edition
144	CHEMICAL- RESIDUES IN WATER	Drinking Water	Choropyriphos	VCSPL/SOP/OPP/005 With Issue Date 18.09.2021 and Issue No. 01
145	CHEMICAL- RESIDUES IN WATER	Drinking Water	Chromium (Cr) Total	APHA 3111 B; 23rd Edition
146	CHEMICAL- RESIDUES IN WATER	Drinking Water	Chrysene	APHA 23rd Edition, 6440 B
147	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper as Cu	APHA 23rd Edition 3111 B
148	CHEMICAL- RESIDUES IN WATER	Drinking Water	d-BHC	APHA 6630 C; 23rd Edition
149	CHEMICAL- RESIDUES IN WATER	Drinking Water	Dibenzo(a,h)anthracene	APHA 23rd Edition, 6440 B
150	CHEMICAL- RESIDUES IN WATER	Drinking Water	Dicofol	APHA 23rd Edition 6630 C

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151	CHEMICAL- RESIDUES IN WATER	Drinking Water	Dieldrin	APHA 6630 C; 23rd Edition
152	CHEMICAL- RESIDUES IN WATER	Drinking Water	Dimethoate	VCSPL/SOP/OPP/005 With Issue Date 18.09.2021 and Issue No. 01.
153	CHEMICAL- RESIDUES IN WATER	Drinking Water	Endosulfan Sulfate	APHA 23rd Edition 6630 C
154	CHEMICAL- RESIDUES IN WATER	Drinking Water	Endosulfan-I	APHA 6630 C; 23rdEdition
155	CHEMICAL- RESIDUES IN WATER	Drinking Water	Endosulfan-II	APHA 6630 C; 23rd Edition
156	CHEMICAL- RESIDUES IN WATER	Drinking Water	Ethion	VCSPL/SOP/OPP/005 With Issue Date 18.09.2021 and Issue No. 01.
157	CHEMICAL- RESIDUES IN WATER	Drinking Water	Flouranthene	APHA 23rd Edition, 6440 B
158	CHEMICAL- RESIDUES IN WATER	Drinking Water	Flourine	APHA 23rd Edition 6440 B
159	CHEMICAL- RESIDUES IN WATER	Drinking Water	Heptachlor	APHA 6630 C; 23rd Edition
160	CHEMICAL- RESIDUES IN WATER	Drinking Water	Hexachloro Benzene	APHA 6630 C; 23rd Edition
161	CHEMICAL- RESIDUES IN WATER	Drinking Water	Indeno(1,2,3-cd pyrene)	APHA23rd Edition, 6440 B
162	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron as Fe	APHA 23rd Edition 3111 B
163	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead as Pb	APHA 23rd Edition, 3111 B
164	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lindane	APHA 6630 C; 23rd Edition
165	CHEMICAL- RESIDUES IN WATER	Drinking Water	Malathion	VCSPL/SOP/OPP/005 With Issue Date 18.09.2021 and Issue No. 01.
166	CHEMICAL- RESIDUES IN WATER	Drinking Water	Manganese as Mn	APHA 23rd Edition, 3111 B
167	CHEMICAL- RESIDUES IN WATER	Drinking Water	Mercury as Hg	APHA 23rd Edition, 3112 B
168	CHEMICAL- RESIDUES IN WATER	Drinking Water	Methoxychlor	APHA 23rd Edition 6630 C

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169	CHEMICAL- RESIDUES IN WATER	Drinking Water	Napthalene	APHA 23rd Edition 6440 B
170	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickel as Ni	APHA 23rd Edition, 3111 B
171	CHEMICAL- RESIDUES IN WATER	Drinking Water	Parathion Methyl	VCSPL/SOP/OPP/005 With Issue Date 18.09.2021 and Issue No. 01.
172	CHEMICAL- RESIDUES IN WATER	Drinking Water	Phenanathrene	APHA 23rd Edition, 6440 B
173	CHEMICAL- RESIDUES IN WATER	Drinking Water	Phenolic Compound	APHA 23rd Edition 5530-B, D
174	CHEMICAL- RESIDUES IN WATER	Drinking Water	Potassium as K	APHA 23rd Edition, 3500 K. B
175	CHEMICAL- RESIDUES IN WATER	Drinking Water	Profenfos	VCSPL/SOP/OPP/005 With Issue Date 18.09.2021 and Issue No. 01.
176	CHEMICAL- RESIDUES IN WATER	Drinking Water	Pyrene	APHA 23rd Edition, 6440 B
177	CHEMICAL- RESIDUES IN WATER	Drinking Water	Selenium as Se	APHA 23rd Edition, 3500 Se C
178	CHEMICAL- RESIDUES IN WATER	Drinking Water	Sodium as Na	APHA 23rd Edition, 3500 Na, B
179	CHEMICAL- RESIDUES IN WATER	Drinking Water	ß-BHC	APHA 6630 C; 23rd Edition
180	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc as Zn	APHA 23rdEdition, 3111 B
181	CHEMICAL- RESIDUES IN WATER	Ground Water	Aluminium as Al	APHA 23rd Edition, 3500 Al B
182	CHEMICAL- RESIDUES IN WATER	Ground Water	Arsenic as As	APHA 23rd Edition, 3500 As
183	CHEMICAL- RESIDUES IN WATER	Ground Water	Barium as Ba	APHA 23rd Edition, 3111 B
184	CHEMICAL- RESIDUES IN WATER	Ground Water	Boron as B	APHA 23rd Edition, 4500 B, B
185	CHEMICAL- RESIDUES IN WATER	Ground Water	Cadmium as Cd	APHA 23rd Edition, 3111 B
186	CHEMICAL- RESIDUES IN WATER	Ground Water	Chromium (Cr) Total	APHA 23rd Edition, 3111 B

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187	CHEMICAL- RESIDUES IN WATER	Ground Water	Copper as Cu	APHA 23rd Edition, 3111 B
188	CHEMICAL- RESIDUES IN WATER	Ground Water	Iron as Fe	APHA 23rd Edition, 3111 B
189	CHEMICAL- RESIDUES IN WATER	Ground Water	Lead as Pb	APHA 23rd Edition, 3111 B
190	CHEMICAL- RESIDUES IN WATER	Ground Water	Manganese as Mn	APHA 23rd Edition, 3111 B
191	CHEMICAL- RESIDUES IN WATER	Ground Water	Mercury as Hg	APHA 23rd Edition, 3112 B
192	CHEMICAL- RESIDUES IN WATER	Ground Water	Nickel as Ni	APHA 23rd Edition, 3111 B
193	CHEMICAL- RESIDUES IN WATER	Ground Water	Phenolic Compound	APHA 23rd Edition 5530-B, D
194	CHEMICAL- RESIDUES IN WATER	Ground Water	Potassium as K	APHA 23rd Edition, 3500 K. B
195	CHEMICAL- RESIDUES IN WATER	Ground Water	Selenium as Se	APHA 23rd Edition, 3500 Se C
196	CHEMICAL- RESIDUES IN WATER	Ground Water	Sodium as Na	APHA 23rd Edition,3500 Na-B
197	CHEMICAL- RESIDUES IN WATER	Ground Water	Zinc as Zn	APHA 23rd Edition,3111 B
198	CHEMICAL- RESIDUES IN WATER	Surface Water	Aluminium as Al	APHA 23rd Edition, 3500 Al B
199	CHEMICAL- RESIDUES IN WATER	Surface Water	Arsenic as As	APHA 23rd Edition, 3500 As
200	CHEMICAL- RESIDUES IN WATER	Surface Water	Barium as Ba	APHA 23rd Edition, 3111 B
201	CHEMICAL- RESIDUES IN WATER	Surface Water	Boron as B	APHA 23rd Edition, 4500 B, B
202	CHEMICAL- RESIDUES IN WATER	Surface Water	Cadmium as Cd	APHA 23rd Edition, 3111 B
203	CHEMICAL- RESIDUES IN WATER	Surface Water	Chromium (Cr) Total	APHA 23rd Edition,3111 B
204	CHEMICAL- RESIDUES IN WATER	Surface Water	Cobalt as Co	APHA 23rd Edition, 3111 B
205	CHEMICAL- RESIDUES IN WATER	Surface Water	Copper as Cu	APHA 23rd Edition,3111 B

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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
206	CHEMICAL- RESIDUES IN WATER	Surface Water	Iron as Fe	APHA 23rd Edition,3111 B
207	CHEMICAL- RESIDUES IN WATER	Surface Water	Lead as Pb	APHA 23rd Edition,3111 B
208	CHEMICAL- RESIDUES IN WATER	Surface Water	Manganese as Mn	APHA 3111 B; 23rd Edition
209	CHEMICAL- RESIDUES IN WATER	Surface Water	Mercury as Hg	Cold Vapour Method by AAS APHA 23rd Edition,3112 B
210	CHEMICAL- RESIDUES IN WATER	Surface Water	Nickel as Ni	APHA 23rd Edition,3111 B
211	CHEMICAL- RESIDUES IN WATER	Surface Water	Phenolic Compound	APHA 23rd Edition 5530-B, D
212	CHEMICAL- RESIDUES IN WATER	Surface Water	Potassium as K	APHA 23rd Edition,3500 K B
213	CHEMICAL- RESIDUES IN WATER	Surface Water	Selenium as Se	APHA 3500 Se C; 23rd Edition
214	CHEMICAL- RESIDUES IN WATER	Surface Water	Sodium as Na	APHA 23rd Edition,3500 Na B
215	CHEMICAL- RESIDUES IN WATER	Surface Water	Zinc as Zn	APHA 23rd Edition,3111 B
216	CHEMICAL- RESIDUES IN WATER	Water	Benzo(b) fluoranthene	APHA 23rd Edition, 6440 B
217	CHEMICAL- WATER	Drinking Water	Acidity	APHA 23rd Edition,2310 B
218	CHEMICAL- WATER	Drinking Water	Alkalinity	IS3025, Part - 23
219	CHEMICAL- WATER	Drinking Water	Ammonia (as Total ammonia – N)	IS 3025, Part-34
220	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025, Part-40
221	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025, Part-32
222	CHEMICAL- WATER	Drinking Water	Chlorine Residual	IS 3025, Part-26
223	CHEMICAL- WATER	Drinking Water	Colour	IS3025,Part4
224	CHEMICAL- WATER	Drinking water	Conductivity	IS 3025, Part-14
225	CHEMICAL- WATER	Drinking Water	Cyanide as CN	IS 3025, Part-27
226	CHEMICAL- WATER	Drinking Water	Fixed Solids	APHA 2540 E; 23rd Edition
227	CHEMICAL- WATER	Drinking Water	Flouride as F	IS 3025, Part-60
228	CHEMICAL- WATER	Drinking Water	Hexavalent Chromium as Cr6+	IS 3025, Part-52

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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
229	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025, Part-46
230	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	IS 3025, Part- 34
231	CHEMICAL- WATER	Drinking Water	pH	IS 3025, Part-11
232	CHEMICAL- WATER	Drinking Water	Salinity	APHA 23rd Edition,2520 B
233	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025, Part-24
234	CHEMICAL- WATER	Drinking Water	Sulphide as S	IS 3025, Part-29
235	CHEMICAL- WATER	Drinking water	Total Dissolved Solids	IS 3025, Part-16
236	CHEMICAL- WATER	Drinking Water	Total Hardness (CaCO3)	IS 3025, Part-21
237	CHEMICAL- WATER	Drinking water	Total Solids	APHA 23rd Edition 2540 B
238	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 Part-10
239	CHEMICAL- WATER	Ground Water	Acidity	APHA 23rd Edition
240	CHEMICAL- WATER	Ground Water	Alkalinity	APHA 23rd Edition 2320 B
241	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen	APHA 23rd Edition 4500 NH3 C
242	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA 23rd Edition 3500 Ca-B
243	CHEMICAL- WATER	Ground Water	Chloride	APHA 23rd Edition 4500 Cl B
244	CHEMICAL- WATER	Ground Water	Chlorine Residual as Cl	APHA 23rd Edition 4500 Cl. B
245	CHEMICAL- WATER	Ground Water	Colour	APHA 23rd Edition 2120 B
246	CHEMICAL- WATER	Ground Water	Conductivity	APHA 23rd Edition 2510 C
247	CHEMICAL- WATER	Ground Water	Cyanide as CN	APHA 23rd Edition 4500 –CN-C,E
248	CHEMICAL- WATER	Ground Water	Fixed Solids	APHA 23rd Edition 2540 E
249	CHEMICAL- WATER	Ground Water	Flouride as F	APHA 23rd Edition 4500 F- C,D
250	CHEMICAL- WATER	Ground Water	Hexavalent Chromium as Cr6+	APHA 23rd Edition 3500 Cr B
251	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA 23rd Edition 3500 Mg.B
252	CHEMICAL- WATER	Ground Water	Nitrate as NO3	APHA 23rd Edition, 4500 NO3-B
253	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 23rd Edition 5520 B
254	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition,4500 H+B
255	CHEMICAL- WATER	Ground Water	Salinity	APHA 23rd Edition 2520 B
256	CHEMICAL- WATER	Ground Water	Silica as SiO2	APHA 23rd Edition 4500 SiO2 C
257	CHEMICAL- WATER	Ground Water	Sulphate as SO4	APHA 23rdEdition 4500 SO4- E

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258	CHEMICAL- WATER	Ground Water	Sulphide as S	APHA 23rdEdition 4500 -S.D
259	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
260	CHEMICAL- WATER	Ground Water	Total Hardness (CaCO3)	APHA 23rd Edition 2340 C
261	CHEMICAL- WATER	Ground Water	Total Solids	APHA 23rd Edition 2540 B
262	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 23rd Edition 2540 D
263	CHEMICAL- WATER	Ground Water	Turbidity	APHA 23rd Edition 2130 B
264	CHEMICAL- WATER	Ground Water	Volatile Solids	APHA 23rd Edition 2540 E
265	CHEMICAL- WATER	Surface Water	Acidity	APHA 23rd Edition 2310 B
266	CHEMICAL- WATER	Surface Water	Alkalinity	APHA 2320 B
267	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen	APHA 23rd Edition 4500 NH3 C
268	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand (BOD)	IS 3025 (Part 44)
269	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA 23rd Edition 3500 Ca.B
270	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	APHA 23rd Edition 5220 B
271	CHEMICAL- WATER	Surface Water	Chloride	APHA 23rd Edition 4500 Cl B
272	CHEMICAL- WATER	Surface Water	Chlorine Residual	APHA 23rd Edition 4500 Cl- B
273	CHEMICAL- WATER	Surface Water	Colour	APHA 23rd Edition 2120 B
274	CHEMICAL- WATER	Surface Water	Conductivity	APHA 23rd Edition 2510 C
275	CHEMICAL- WATER	Surface Water	Cyanide as CN	APHA 23rd Edition 4500 CN-C, E
276	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 23rd Edition 4500 O- C
277	CHEMICAL- WATER	Surface Water	Fixed Solids	APHA 23rd Edition 2540 E
278	CHEMICAL- WATER	Surface Water	Flouride as F	APHA 23rd Edition 4500 F- C,D
279	CHEMICAL- WATER	Surface Water	Hexavalent Chromium as Cr6+	APHA 23rd Edition 3500 Cr B
280	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA 23rd Edition 3500 Mg.B
281	CHEMICAL- WATER	Surface Water	Nitrate as NO3	APHA 23rd Edition 4500 NO3- B
282	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 23rd Edition 5520 B
283	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition 4500 H+B
284	CHEMICAL- WATER	Surface Water	Phosphate as PO4	APHA 23rd Edition 4500 P D
285	CHEMICAL- WATER	Surface water	Salinity	APHA 23rd Edition,2520 B
286	CHEMICAL- WATER	Surface Water	Sulphate as SO4	APHA 23rd Edition 4500 SO4- E

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287	CHEMICAL- WATER	Surface Water	Sulphide as S	APHA 23rd Edition 4500 -S.D
288	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
289	CHEMICAL- WATER	Surface Water	Total Hardness (CaCO3)	APHA 23rd Edition 2340 C
290	CHEMICAL- WATER	Surface Water	Total Kjeldahl Nitrogen	APHA 23rd Edition 4500 Norg.B
291	CHEMICAL- WATER	Surface Water	Total Solids	APHA 23rd Edition 2540 B
292	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 23rd Edition 2540 D
293	CHEMICAL- WATER	Surface Water	Turbidity	APHA 23rd Edition 2130 B
294	CHEMICAL- WATER	Surface Water	Volatile Solids	APHA 23rd Edition 2540 E
295	CHEMICAL- WATER	Water For Construction Purpose	Chloride as Cl	APHA 23rd Edition 4500 Cl, B
296	CHEMICAL- WATER	Water For Construction Purpose	Inorganic Solids	APHA 23rd Edition 2540 E;
297	CHEMICAL- WATER	Water For Construction Purpose	Organic Solids	APHA 23rd Edition 2540 E
298	CHEMICAL- WATER	Water For Construction Purpose	pH	APHA 23rd Edition 4500 H+B
299	CHEMICAL- WATER	Water For Construction Purpose	Sulphate as SO4	APHA 23rd Edition 4500 SO42- E
300	CHEMICAL- WATER	Water For Construction Purpose	To neutralize 100 ml sample of water, using mixed indicator, it should not require morethan 2 ml of 0.02 (N) H2SO4	IS 3025 (Part – 23)
301	CHEMICAL- WATER	Water For Construction Purpose	To neutralize 100 ml sample of water, using phenolphthalein as an indicator, it should not require more than ml of 0.02 (N)NaOH.	IS 3025 (Part – 22)

National Accreditation Board for Testing and Calibration Laboratories

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Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level	VCSPL/F-SOP/05, (Issue No. 01 date: 01.11.2019)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise Level	Noise Level	VCSPL/F-SOP/05 (Issue No. 01, Date: 01.11.2019)