National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : OVERSEAS TEST HOUSE & RESEARCH CENTER PRIVATE LIMITED, PLOT NO. 9, GALI NO. 1, SUBHASH COLONY, KALWAR ROAD, JHOTWARA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11004 **Page No** 1 of 11

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	Noise	Ambient Noise	IS 9989
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ammonia	IS 5182: (Part-25)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Arsenic (As)	IS 5182: (Part-23)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Benzene (C6H6)	IS 5182: (Part-11)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Benzo alpha Pyrene (BaP)	IS 5182: (Part-12)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Carbon Mono Oxide (CO)	OTHRC/SOP/Air/01,IssueNo:02,Issue Date:10 March,2022
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Dust Fall	IS 5182: (Part-1)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Free Silica	OTHRC/SOP/Air/02; Issue No. 01, Issue Date:10 March,2022
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Lead (pb)	IS 5182: (Part-22)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nickel (Ni)	IS 5182: (Part-26)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen Di-Oxide (NO2)	IS 5182: (Part-6)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone (O3)	IS 5182: (Part-9)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS:5182 (Part-23)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (PM2.5)	IS:5182 (Part-24)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur Di-Oxide (SO2)	IS: 5182(Part-2)
16	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Suspended Particulate Matter (SPM)	IS 5182: (Part-4)
17	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor air	Ammonia (NH3)	OTHRC/SOP/IN/01,Issue No:01,Issue Date:10 March,2022

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11004 **Page No** 2 of 11

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
18	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor air	Carbon Monoxide	OTHRC/SOP/IN/04,Issue No:01,Issue Date:10 March,2022
19	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor air	Nitrogen Di-Oxide (NO2)	NIOSH 0600
20	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air	Relative Humidity	OTHRC/SOP/IN/03,Issue No:01,Issue Date:10 March2022
21	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor air	Sulphur Di-Oxide (SO2)	IS 5182: (Part-2)
22	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor air	Temperature	OTHRC/SOP/IN/02,Issue No:01,Issue Date:10 March,2022
23	CHEMICAL- ATMOSPHERIC POLLUTION	Meterological parameter- Ambient	Ambient Temperature	OTHRC/SOP/MP/01,Issue No:01,Issue Date:10 March,2022
24	CHEMICAL- ATMOSPHERIC POLLUTION	Meterological parameter- Ambient	Barometric Pressure	OTHRC/SOP/MP/06,Issue No:01,Issue Date:10 March2022
25	CHEMICAL- ATMOSPHERIC POLLUTION	Meterological parameter- Ambient	Rain fall	OTHRC/SOP/MP/03,Issue No:01,Issue Date:10 March,2022
26	CHEMICAL- ATMOSPHERIC POLLUTION	Meterological parameter- Ambient	Relative Humidity	OTHRC/SOP/MP/04,Issue No:01,Issue Date:10 March2022
27	CHEMICAL- ATMOSPHERIC POLLUTION	Meterological parameter- Ambient	Wind direction	OTHRC/SOP/MP/05,Issue No:01,Issue Date:10 March2022
28	CHEMICAL- ATMOSPHERIC POLLUTION	Meterological parameter- Ambient	Wind Speed	OTHRC/SOP/MP/02,Issue No:01,Issue Date:10 March2022
29	CHEMICAL- ATMOSPHERIC POLLUTION	Noise- Work zone	Noise Level	IS 9989
30	CHEMICAL- ATMOSPHERIC POLLUTION	Point Source Noise	Noise Level	IS:4758
31	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Acid Mist	USEPA Method 8
32	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Ammonia (NH3)	IS 11255: (Part-6)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11004 **Page No** 3 of 11

Validity 23/09/2022 to 22/09/2024 **Last Amended on** -

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33	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Arsenic	USEPA Method 29
34	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon Di-Oxide (CO2)	IS 13270:
35	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon Mono Oxide (CO)	IS 13270:
36	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Hydrogen Sulphide	IS:11255(Part-4)
37	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Lead as Pb	USEPA Method 29
38	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Mercury	USEPA Method 29
39	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Moisture	IS:11255(Part-3)
40	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Nickel	USEPA Method 29
41	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxides of Nitrogen (NOx)	IS 11255: (Part-7)
42	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxygen (O2)	IS 13270:
43	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate matter	IS 11255: (Part-1)
44	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Di-Oxide (SO2)	IS 11255: (Part-2)
45	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Temperature	IS:11255(Part-3)
46	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Velocity	IS:11255(Part-3)
47	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Light intensity	OTHRC/SOP/LUX/01,Issue No:01,Issue Date:10 March,2022
48	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Boron	OTHRC/SOP/Soil/07,Issue No:01,Issue Date:10 March;2022
49	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Calcium	OTHRC/SOP/Soil/01,Issue No:02,Issue Date:10 March;2022

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11004 **Page No** 4 of 11

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
50	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Magnesium	OTHRC/SOP/Soil/02,Issue No:02,Issue Date:10 March:2022
51	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Nitrogen	OTHRC/SOP/Soil/03,Issue No:02,Issue Date:10 March:2022
52	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Phosphorus	OTHRC/SOP/Soil/04,Issue No:02,Issue Date:10 March;2022
53	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Potassium	OTHRC/SOP/Soil/05,Issue No:02, Issue Date:10 March;2022
54	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Sodium	OTHRC/SOP/Soil/06,Issue No:02,Issue Date:10 March;2022
55	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Bulk Density	IS:2720(Part-29)
56	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Cadmium	USEPA 3050B
57	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Cation Exchange Capacity(CEC)	IS:2720(Part-24)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Clay	IS:2720(Part-4) Cl 2,4
59	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Conductivity	IS:14767
60	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Copper	USEPA:3050 B
61	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Exchangeable Sodium Percentage (ESP)	OTHRC/SOP/Soil/08,Issue No:02,Issue Date:10 March;2022
62	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Iron	USEPA:3050 B
63	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Lead	USEPA:3050 B
64	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Manganese	USEPA:3050 B
65	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Carbon	IS:2720(Part-22)
66	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Permeability	IS:2720(Part-3)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11004 **Page No** 5 of 11

Validity 23/09/2022 to 22/09/2024 **Last Amended on** -

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67	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	pH	IS:2720(Part-26)
68	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Porosity	IS:2720(Part-7)
69	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sand	IS:2720(Part-4) Cl 2,4
70	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Silt	IS:2720(Part-4) Cl 2,4
71	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sodium Adsorption Ratio (SAR)	OTHRC/SOP/Soil/11,Issue No:02,Issue Date:10 March 2022
72	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Specific Gravity	IS:2720(Part-3)
73	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Nitrogen	IS:14684
74	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Phosphate	OTHRC/SOP/Soil/09,Issue No:02,Issue Date:10 March 2022
75	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Water Content	IS:2720(Part-2)
76	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Water Holding Capacity	OTHRC/SOP/Soil/10,Issue No:02,Issue Date:10 March 2022
77	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Zinc	USEPA:3050 B
78	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fluoride as F	APHA: 23rd Edition 4500C:
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Potassium as K	APHA: 23rd 3500 K A+B:
80	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium as Na	APHA: 23rd Edition 3500
81	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Solids	APHA:23rd Edition; 2540 B4500 NO3 B
82	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Nitrate as NO3	APHA:23rd Edition 4500 NO3 B:
83	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents Water	Biochemical Oxygen Demand(BOD)	IS 3025 (Part-44)
84	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents Water	Chemical Oxygen Demand (COD)	APHA:23rd Edition; 5220 A+C

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11004 **Page No** 6 of 11

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
85	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents Water	Colour	APHA :23rd Edition; 2120 B
86	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents Water	Conductivity	APHA:23rd Edition 2510 A+B
87	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents Water	Dissolve Oxygen (DO)	IS:3025(Part-44)
88	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents Water	Free Residual Chlorine	APHA:23rd Edition 4500 Cl B
89	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents Water	Odour	APHA:23rd Edition; 2150 B
90	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents Water	Oil & Grease	APHA:23rd Edition; 5520 A+B+D
91	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents Water	pH Value	APHA :23rd Edition 4500 A+B+H
92	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents Water	Phosphate	APHA:23rd Edition; 4500 PD
93	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents Water	Sulphate as SO4	APHA;23rd Edition; 4500 SO42 E
94	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents Water	Temperature	APHA:23rd Edition 2550 A+B
95	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents Water	Total Dissolved Solids (TDS)	APHA:23rd Edition; 2540
96	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents Water	Total Kjeldahl Nitrogen (TKN)	APHA:23rd Edition 4500 Norg A+C
97	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents Water	Total Suspended Solids (TSS)	APHA:23rd Edition 2540 D;2017
98	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents Water	Turbidity	APHA;23rd Edition 2130 A+B;2017
99	CHEMICAL- RESIDUES IN WATER	Trace metal elements(Drinking, Ground, Surface ,Waste Water)	Aluminium as Al	APHA: 23rd Edition 3111 D
100	CHEMICAL- RESIDUES IN WATER	Trace metal elements(Drinking, Ground, Surface ,Waste Water)	Cadmium as Cd	APHA: 23rd Edition 3111 B
101	CHEMICAL- RESIDUES IN WATER	Trace metal elements(Drinking, Ground, Surface ,Waste Water)	Copper as Cu	APHA: 23rd Edition 3111 D+E
102	CHEMICAL- RESIDUES IN WATER	Trace metal elements(Drinking, Ground, Surface ,Waste Water)	Iron as Fe	APHA: 23rd Edition 3500 Fe B
103	CHEMICAL- RESIDUES IN WATER	Trace metal elements(Drinking, Ground, Surface ,Waste Water)	Lead as Pb	APHA: 23rd Edition 3111 A+B

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11004 **Page No** 7 of 11

Validity 23/09/2022 to 22/09/2024 **Last Amended on** -

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104	CHEMICAL- RESIDUES IN WATER	Trace metal elements(Drinking, Ground, Surface ,Waste Water)	Manganese as Mn	APHA: 23rd Edition 3500 Mn B
105	CHEMICAL- RESIDUES IN WATER	Trace metal elements(Drinking, Ground, Surface ,Waste Water)	Mercury as Hg	APHA: 23rd Edition 3112 A+B
106	CHEMICAL- RESIDUES IN WATER	Trace metal elements(Drinking, Ground, Surface ,Waste Water)	Molybdenum as Mo	APHA:23rd Edition; 3111 D 23rd ED/3120
107	CHEMICAL- RESIDUES IN WATER	Trace metal elements(Drinking, Ground, Surface ,Waste Water)	Nickel as Ni	APHA: 23rd Edition 3111 A+B
108	CHEMICAL- RESIDUES IN WATER	Trace metal elements(Drinking, Ground, Surface ,Waste Water)	Selenium as Se	IS:3025 (Part-56)
109	CHEMICAL- RESIDUES IN WATER	Trace metal elements(Drinking, Ground, Surface ,Waste Water)	Silver as Ag	APHA:23rd Edition; 3111 B /3120 B
110	CHEMICAL- RESIDUES IN WATER	Trace metal elements(Drinking, Ground, Surface ,Waste Water)	Total Arsenic as As	APHA: 23rd Edition 3111 A+B
111	CHEMICAL- RESIDUES IN WATER	Trace metal elements(Drinking, Ground, Surface ,Waste Water)	Total Chromium as Cr	APHA: 23rd Edition 3111 A+B:
112	CHEMICAL- RESIDUES IN WATER	Trace metal elements(Drinking, Ground, Surface ,Waste Water)	Zinc as Zn	APHA: 23rd Edition 3111 A+B
113	CHEMICAL- WATER	Drinking Water	Ammonia as Total Ammonia	IS :5182 (Part-34)
114	CHEMICAL- WATER	Drinking Water	Anionic Detergents (MBAS)	APHA: 23rd Edition 5540 C
115	CHEMICAL- WATER	Drinking Water	Barium as Ba	IS:13428 Annex F
116	CHEMICAL- WATER	Drinking Water	Biochemical Oxygen Demand	IS: 3025 (Part-44)
117	CHEMICAL- WATER	Drinking Water	Boron as B	APHA: 23rd Edition 4500 B; C
118	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA: 23rd Edition 3500 Ca: B
119	CHEMICAL- WATER	Drinking Water	Chemical Oxygen Demand	APHA: 23rd Edition 5220 C
120	CHEMICAL- WATER	Drinking Water	Chloramine as Cl2	APHA: 23rd Edition 4500 Cl G
121	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA:23rd Edition 4500 Cl : B
122	CHEMICAL- WATER	Drinking Water	Colour	APHA:23rd Edition -2120 B
123	CHEMICAL- WATER	Drinking Water	Conductivity	APHA: 23rd Edition 2510 B
124	CHEMICAL- WATER	Drinking Water	Dissolve Oxygen (DO)	IS:3025 (Part-44)
125	CHEMICAL- WATER	Drinking Water	Fluoride as F	APHA: 23rd Edition 4500 F; D
126	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	APHA: 23rd Edition 4500 Cl B
127	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA: 23rd Edition 3500 Mg: B
128	CHEMICAL- WATER	Drinking Water	Mineral Oil	IS:3025 (Part-39)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11004 **Page No** 8 of 11

Validity 23/09/2022 to 22/09/2024 **Last Amended on** -

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129	CHEMICAL- WATER	Drinking Water	Nitrate (NO3)	APHA: 23rd Edition 4500 N03 B
130	CHEMICAL- WATER	Drinking Water	Odour	APHA: 23rd Edition 2150 B
131	CHEMICAL- WATER	Drinking Water	pH Value	APHA:23rd Edition-4500H+: B
132	CHEMICAL- WATER	Drinking Water	Phenolic Compounds (C6H5OH)	APHA: 23rd Edition 5530 D
133	CHEMICAL- WATER	Drinking Water	Phosphate	APHA: 23rd Edition 4500 P C
134	CHEMICAL- WATER	Drinking Water	Potassium as K	APHA: 23rd 3500 K : B
135	CHEMICAL- WATER	Drinking Water	Silica	APHA: 23rd Edition 4500 SiO2 C
136	CHEMICAL- WATER	Drinking Water	Sodium Adsorption Ratio (SAR)	IS:11624
137	CHEMICAL- WATER	Drinking Water	Sodium as Na	APHA: 23rd Edition 3500 Na: B
138	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	APHA: 23rd 4500 SO4 B
139	CHEMICAL- WATER	Drinking Water	Sulphide as H2S	APHA:23rd Edition;4500 S2 (F)
140	CHEMICAL- WATER	Drinking Water	Taste	IS:3025 (Part-7&8)
141	CHEMICAL- WATER	Drinking Water	Temperature	APHA: 23rd Edition 2550 B
142	CHEMICAL- WATER	Drinking Water	Total Alkanity as CaCO3	APHA: 23rd Edition 2320 B
143	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	APHA:23rd Edition 2540-C
144	CHEMICAL- WATER	Drinking Water	Total Suspended Solids (TSS)	APHA: 23rd Edition 2540 D
145	CHEMICAL- WATER	Drinking Water	Turbidity	APHA:23rd Edition-2130- B
146	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen	APHA: 23rd Edition 4500 NH3 F
147	CHEMICAL- WATER	Ground Water	Anionic Detergents (MBAS)	APHA: 23rd Edition 2540 C
148	CHEMICAL- WATER	Ground Water	Barium as Ba	IS:13428 Annex F
149	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand (BOD)	IS:3025 (Part-44)
150	CHEMICAL- WATER	Ground Water	Boron as B	APHA: 23rd Edition 4500 B
151	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA: 23rd Edition 3500 Ca B
152	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand (COD)	APHA: 23rd Edition 5220 C
153	CHEMICAL- WATER	Ground Water	Chloramine as Cl2	APHA: 23rd Edition 4500 Cl G
154	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA: 23rd Edition 4500 Cl B
155	CHEMICAL- WATER	Ground water	Colour	APHA: 23rd Edition 2120 B
156	CHEMICAL- WATER	Ground Water	Conductivity	APHA: 23rd Edition 2510 B
157	CHEMICAL- WATER	Ground Water	Dissolve Oxygen (DO)	APHA: 23rd Edition 4500 O C

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11004 **Page No** 9 of 11

Validity 23/09/2022 to 22/09/2024 **Last Amended on** -

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158	CHEMICAL- WATER	Ground Water	Fluoride as F	APHA: 23rd Edition 4500 F: D
159	CHEMICAL- WATER	Ground Water	Free Residual Chlorine	APHA: 23rd Edition 4500 Cl B
160	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA: 23rd Edition 3500 Mg B
161	CHEMICAL- WATER	Ground Water	Mineral Oil	APHA:23rd Edition 5520 B
162	CHEMICAL- WATER	Ground Water	Nitrate as NO3	IS:3025 (Part-34)
163	CHEMICAL- WATER	Ground Water	Odour	APHA: 23rd Edition 2150 B
164	CHEMICAL- WATER	Ground Water	pH Value	APHA: 23rd Edition 4500 H B
165	CHEMICAL- WATER	Ground Water	Phenolic Compounds as C6H5OH	APHA: 23rd Edition 5530 A+C
166	CHEMICAL- WATER	Ground Water	Phosphate	APHA: 23rd Edition 4500 P D
167	CHEMICAL- WATER	Ground Water	Potassium as K	APHA: 23rd Edition 3500 K, B
168	CHEMICAL- WATER	Ground Water	Salinity	APHA: 23rd Edition 2520 B
169	CHEMICAL- WATER	Ground Water	Silica	APHA: 23rd Edition 4500 SiO2 C 3120 B
170	CHEMICAL- WATER	Ground Water	Sodium Adsorption Ratio (SAR)	IS:11624
171	CHEMICAL- WATER	Ground Water	Sodium as Na	APHA: 23rd Edition 3500 Na B
172	CHEMICAL- WATER	Ground Water	Sulphate as SO4	APHA: 23rd Edition 4500 SO4 2 E
173	CHEMICAL- WATER	Ground Water	Sulphide as H2S	APHA: 23rd Edition 4500
174	CHEMICAL- WATER	Ground Water	Taste	IS: 3025 (Part-7&8)
175	CHEMICAL- WATER	Ground Water	Temperature	APHA: 23rd Edition 2550 B
176	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	APHA: 23rd Edition 2320 B
177	CHEMICAL- WATER	Ground Water	Total Ammonia	IS: 3025 (Part-34)
178	CHEMICAL- WATER	Ground Water	Total Dissolved Solids (TDS)	APHA: 23rd Edition 2540 C
179	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA:23rd Edition 2340 C
180	CHEMICAL- WATER	Ground Water	Total Kjeldahl Nitrogen (TKN)	APHA: 23rd Edition 4500 Norg : C
181	CHEMICAL- WATER	Ground Water	Total Nitrogen	APHA: 23rd Edition 4500 C
182	CHEMICAL- WATER	Ground Water	Total Phosphorous	APHA: 23rd Edition 4500-P D
183	CHEMICAL- WATER	Ground Water	Total Suspended Solids (TSS)	APHA: 23rd Edition 2540 D
184	CHEMICAL- WATER	Ground Water	Turbidity	APHA: 23rd Edition 2130 B
185	CHEMICAL- WATER	Surface Water	Total Ammonia	IS: 3025(Part-34)

SCOPE OF ACCREDITATION

Laboratory Name : OVERSEAS TEST HOUSE & RESEARCH CENTER PRIVATE LIMITED, PLOT NO. 9, GALI NO. 1, SUBHASH COLONY, KALWAR ROAD, JHOTWARA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11004 **Page No** 10 of 11

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
186	CHEMICAL- WATER	Surface Water	Aluminium as Al	APHA :23rd Edition 3500 Al B
187	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen	APHA :23rd Edition 4500 NH3 : F
188	CHEMICAL- WATER	Surface Water	Anionic Detergents (MBAS)	APHA: 23rd Edition 5540 C
189	CHEMICAL- WATER	Surface Water	Barium as B	APHA: 23rd Edition 3111 B
190	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand (BOD)	IS: 3025 (Part-44)
191	CHEMICAL- WATER	Surface Water	Boron as B	APHA: 23rd Edition 4500B : B
192	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA: 23rd Edition 3500 Ca : B
193	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	APHA: 23rd Edition 5220 C
194	CHEMICAL- WATER	Surface Water	Chloramine as Cl2	APHA: 23rd Edition 4500 Cl G
195	CHEMICAL- WATER	Surface Water	Chloride as Cl	APHA: 23rd Edition 4500 Cl: B
196	CHEMICAL- WATER	Surface Water	Colour	APHA: 23rd Edition 2120 B
197	CHEMICAL- WATER	Surface Water	Conductivity	APHA: 23rd Edition 2510 B
198	CHEMICAL- WATER	Surface Water	Dissolve Oxygen (DO)	IS:3025 (Part-44)
199	CHEMICAL- WATER	Surface Water	Fluoride as F	APHA: 23rd Edition 4500 F: D
200	CHEMICAL- WATER	Surface Water	Free Residual Chlorine	APHA: 23rd Edition 4500 Cl B
201	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA: 23rd Edition 3500 Mg :B
202	CHEMICAL- WATER	Surface Water	Mineral Oil	APHA: 23rd Edition 5520 B
203	CHEMICAL- WATER	Surface Water	Nitrate as NO3	APHA:23rd Edition 4500 NO3 B
204	CHEMICAL- WATER	Surface Water	Odour	APHA: 23rd Edition 2150 B
205	CHEMICAL- WATER	Surface Water	pH Value	APHA: 23rd Edition 4500 H+ : B
206	CHEMICAL- WATER	Surface Water	Phenolic Compounds as C6H5OH	APHA: 23rd Edition 5530 D
207	CHEMICAL- WATER	Surface Water	Phosphate	APHA: 23rd Edition 4500 P C
208	CHEMICAL- WATER	Surface Water	Salinity	APHA :23rd Edition 2520 B
209	CHEMICAL- WATER	Surface Water	Silica	APHA: 23rd Edition 4500 SiO2 C 3120 B
210	CHEMICAL- WATER	Surface Water	Sodium Adsorption Ratio (SAR)	IS:11624
211	CHEMICAL- WATER	Surface Water	Sodium as Na	APHA: 23rd Edition 3500 Na: B
212	CHEMICAL- WATER	Surface Water	Sulphate as SO4	APHA: 23rd Edition 4500 SO4 B

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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Certificate Number TC-11004 **Page No** 11 of 11

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
213	CHEMICAL- WATER	Surface Water	Sulphide as H2S	APHA: 23rd Edition 4500 F
214	CHEMICAL- WATER	Surface Water	Taste	IS:3025 (Part-7&8)
215	CHEMICAL- WATER	Surface Water	temperature	APHA: 23rd Edition 2550 B
216	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	APHA: 23rd Edition 2320 B
217	CHEMICAL- WATER	Surface Water	Total Dissolved Solids (TDS)	APHA: 23rd Edition 2540 C
218	CHEMICAL- WATER	Surface Water	Total Hardness as CaCo3	APHA :23rd Edition 2340 C
219	CHEMICAL- WATER	Surface Water	Total Kjeldahl Nitrogen (TKN)	APHA :23rd Edition 4500 B
220	CHEMICAL- WATER	Surface Water	Total Nitrogen	APHA :23rd Edition 4500 N
221	CHEMICAL- WATER	Surface Water	Total Phosphorous	APHA :23rd Edition 4500-P D
222	CHEMICAL- WATER	Surface Water	Total Suspended Solids (TSS)	APHA: 23rd Edition 2540 D
223	CHEMICAL- WATER	Surface Water	Turbidity	APHA: 23rd Edition 2130 B
224	CHEMICAL- WATER	Surface Watre	Potassium as K	APHA: 23rd Edition 3500 K B