National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITEK LABS PRIVATE LIMITED, D2/18,MANCHESWAR INDUSTRIAL ESTATE, BHUBANESWAR, KHORDHA, 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	IS 5182 (Part-25)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ammonia	Methods of Air Sampling and Analysis (3rd Edition), Method 401, by J.P.Lodge
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ammonia	NAAQMS/36
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen Dioxide (as NO2)	IS 5182(Part-VI)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen Dioxide (as NO2)	NAAQMS/36
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone (as O3)	Methods of Air Sampling and Analysis (3rd Edition), Method 411, by J.P.Lodge
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone (as O3)	NAAQMS/36
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM10 (Particulate matter	IS 5182 (Part-23)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM10 (Particulate matter	NAAQMS/36
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM2.5 (Particulate matter	IS 5182(Part 24)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM2.5 (Particulate matter	NAAQMS/36
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur dioxide (as SO2)	IS 5182(Part-II)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur dioxide (as SO2)	NAAQMS/36
14	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Suspended Matter (SPM)	IS 5182 (Part 4)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels (Excluding vibration)	Noise Level	CPCB, Protocol for Ambient Level Noise Monitoring
16	CHEMICAL- ATMOSPHERIC POLLUTION	DG noise/ Source Noise	Ambient noise (Leq)	IS 9989
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / DG Stack	Carbon dioxide as CO2	USEPA Method-3A

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18	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / DG Stack	Flow Rate	IS 11255(Part-3)
19	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / DG Stack	Flow Rate	CPCB Emission Regulation Part-3 Document Series : COINDS/20
20	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / DG Stack	Moisture	CPCB Emission Regulation Part-3 Document Series : COINDS/20
21	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / DG Stack	Moisture	USEPA Method-4
22	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / DG Stack	Oxides of Nitrogen (NOx)	IS 11255 (Part 7)
23	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / DG Stack	Oxygen (O2)	USEPA Method-3A
24	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / DG Stack	Particulate Matter	CPCB Emission Regulation Part-3 Document Series : COINDS/20
25	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / DG Stack	Particulate Matter	IS 11255(Part-1)
26	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / DG Stack	Temperature	CPCB Emission Regulation Part-3 Document Series : COINDS/20
27	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / DG Stack	Temperature	IS 11255 (Part 1)
28	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / DG Stack	Velocity	CPCB Emission Regulation Part-3 Document Series : COINDS/20
29	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / DG Stack	Velocity	IS 11255 (Part 1)
30	CHEMICAL- ATMOSPHERIC POLLUTION	Stack /DG Stack	Oxides of Nitrogen (NOx)	CPCB Emission Regulation Part-3 Document Series : COINDS/20
31	CHEMICAL- ATMOSPHERIC POLLUTION	Stack /DG Stack	Sulphur dioxide (as SO2)	USEPA Method-6C
32	CHEMICAL- ATMOSPHERIC POLLUTION	Stack/ DG Stack	Carbon monoxide as CO	USEPA Method-10
33	CHEMICAL- ATMOSPHERIC POLLUTION	Stack/ DG Stack	Nitrogen Dioxide (as NO2)	USEPA Method-7E
34	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alumina(Al2O3)	IS 1727

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35	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium Oxide (CaO)	IS 1727
36	CHEMICAL- BUILDING MATERIAL	Fly Ash	Iron Oxide(Fe2O3)	IS 1727
37	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on ignition	IS 1727
38	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesium Oxide(MgO)	IS 1727
39	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica(SiO2)	IS 1727
40	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphur Trioxide(SO3)	IS 1727
41	CHEMICAL- ORES & MINERALS	Chromium ore	Total Iron (Fe)	IS 4737
42	CHEMICAL- ORES & MINERALS	Chromium ore	Chromium Oxide (Cr2O3)	QLB/STP/MN/006 Issue No. 01 September 30/09/2020
43	CHEMICAL- ORES & MINERALS	Chromium ore	Chromium Oxide(Cr2O3)	IS 4737
44	CHEMICAL- ORES & MINERALS	Chromium ore	Moisture	IS 8562
45	CHEMICAL- ORES & MINERALS	Chromium ore	Silica(SiO2)	QLB/STP/MN/007 Issue No. 01 September 30/09/2020
46	CHEMICAL- ORES & MINERALS	Chromium ore	Total Iron (Fe)	QLB/STP/MN/008 Issue No. 01 September 30/09/2020
47	CHEMICAL- ORES & MINERALS	Dolomite	Calcium Oxide(CaO)	IS 1760 (Part 3)
48	CHEMICAL- ORES & MINERALS	Dolomite	Calcium Oxide(CaO)	QLB/STP/MN/012 Issue No. 01 October 04/10/2020
49	CHEMICAL- ORES & MINERALS	Dolomite	Loss on ignition(LOI)	IS 1760 (Part 1)
50	CHEMICAL- ORES & MINERALS	Dolomite	Magnesium Oxide(MgO)	IS 1760 (Part 3)
51	CHEMICAL- ORES & MINERALS	Dolomite	Magnesium Oxide(MgO)	QLB/STP/MN/013 Issue No. 01 October 04/10/2020
52	CHEMICAL- ORES & MINERALS	Dolomite	Silica(SiO2)	IS 1760 (Part 2)
53	CHEMICAL- ORES & MINERALS	Dolomite	Silica(SiO2)	QLB/STP/MN/014 Issue No. 01 October 04/10/2020

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54	CHEMICAL- ORES & MINERALS	Iron ore	Alumina(Al2O3)	QLB/STP/MN/003 Issue No. 01 September 28/09/2020
55	CHEMICAL- ORES & MINERALS	Iron ore	Loss on ignition(LOI)	QLB/STP/MN/005 Issue No. 01 September 28/09/2020
56	CHEMICAL- ORES & MINERALS	Iron ore	Moisture	IS 11690
57	CHEMICAL- ORES & MINERALS	Iron ore	Phosphorus(P)	IS 1493
58	CHEMICAL- ORES & MINERALS	Iron ore	Phosphorus(P)	QLB/STP/MN/004 Issue No. 01 September 28/09/2020
59	CHEMICAL- ORES & MINERALS	Iron ore	Silica (SiO2)	IS 1493 (Part 1)
60	CHEMICAL- ORES & MINERALS	Iron ore	Silica (SiO2)	QLB/STP/MN/002 Issue No. 01 September 28/09/2020
61	CHEMICAL- ORES & MINERALS	Iron ore	Total Iron (Fe)	IS 1493 (Part 1)
62	CHEMICAL- ORES & MINERALS	Iron ore	Total iron (Fe)	QLB/STP/MN/001Issue No. 01 September 28/09/2020
63	CHEMICAL- ORES & MINERALS	Limestone	Calcium Oxide(CaO)	IS 1760 (Part 3)
64	CHEMICAL- ORES & MINERALS	Limestone	Calcium Oxide(CaO)	QLB/STP/MN/009 Issue No. 01 October 02/10/2020
65	CHEMICAL- ORES & MINERALS	Limestone	Loss on ignition(LOI)	IS 1760 (Part 1)
66	CHEMICAL- ORES & MINERALS	Limestone	Magnesium Oxide(MgO)	IS 1760 (Part 3)
67	CHEMICAL- ORES & MINERALS	Limestone	Magnesium Oxide(MgO)	QLB/STP/MN/010 Issue No. 01 October 02/10/2020
68	CHEMICAL- ORES & MINERALS	Limestone	Silica(SiO2)	IS 1760 (Part 2)
69	CHEMICAL- ORES & MINERALS	Limestone	Silica(SiO2)	QLB/STP/MN/011 Issue No. 01 October 02/10/2020
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Acidity	APHA 23rd Edn. (2310 B)
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Acidity	IS 3025 (Part-22)
72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	BOD (3 Days @ 27°C)	IS 3025 (Part 44)

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73	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	BOD (5 Days @ 20°C)	APHA 23rd Edn 5210 B
74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium as Ca	APHA 23rd Edn (3500-Ca B)
75	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium as Ca	IS 3025 (Part 40)
76	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium Hardness	APHA 23rd Edn (3500-Ca B)
77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium Hardness	IS 3025 (Part 40)
78	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride as Cl	APHA 23rd Edn (4500Cl B)
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride as Cl	IS 3025 (Part 32)
80	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	COD	APHA 23rd Edn (5220-B
81	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	COD	IS 3025 (Part 58)
82	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cyanide as CN	APHA 23rd Edn (4500-CN F)
83	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cyanide as CN	IS 3025 (Part 27)
84	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen (DO)	APHA 23rd Edn (4500-O-G)
85	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen (DO)	IS 3025 (Part 38)
86	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity	APHA 23rd Edn 2510 B
87	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity	IS 3025 (Part 14)
88	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fixed Solids	APHA 23rd EDN (2540E)
89	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluoride as F	APHA 23rd Edn (4500-F- C)
90	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluoride as F	IS 3025 (Part 60)
91	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexavalent Chromium (Cr-VI)	APHA 23rd Edn (3500 -Cr B)

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92	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexavalent Chromium (Cr-VI)	IS 3025 (Part 52)
93	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium as Mg	APHA 23rd Edn (3500-Mg B)
94	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium as Mg	IS 3025 (Part 46)
95	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium Hardness	APHA 23rd Edn (3500-Mg B)
96	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium Hardness	IS 3025 (Part 46)
97	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Methyl Orange Alkalinity	APHA 23rd Edn (2320 B)
98	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Methyl Orange Alkalinity	IS 3025 (Part 23)
99	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate as NO3	APHA 23rd Edn (4500-NO3 E)
100	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate as NO3	IS 3025 (Part 34)
101	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite as NO2	APHA 23rd Edn (4500-NO2 B)
102	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite as NO2	IS 3025 (Part 34)
103	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 23rd Edn (5520 B)
104	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	IS 3025 (Part 39)
105	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	IS 3025 (Part 11)
106	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phenolphthalein Alkalinity	APHA 23rd Edn (2320 B)
107	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phenolphthalein Alkalinity	IS 3025 (Part 23)
108	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphorous	APHA 23rd Edn 4500 P-D
109	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphorous	IS 3025 (Part 31)
110	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium as K	APHA 23rd Edn (3500 K B)

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111	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium as K	IS 3025 (Part 45)
112	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Salinity	APHA 23rd Edn. (2520 B), By salinity Meter
113	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium as Na	APHA 23rd Edn (3500-Na B)
114	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium as Na	IS 3025 (Part 45)
115	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate as SO4	APHA 23rd Edn (4500-SO4 E)
116	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate as SO4	IS 3025 (Part 24)
117	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	APHA 23rd Edn (2550 B)
118	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	IS 3025 (Part 9)
119	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Alkalinity	APHA 23rd Edn (2320 B)
120	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Alkalinity	IS 3025 (Part 23)
121	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved solids	IS 3025 (Part 16)
122	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved solids	APHA 23rd Edn (2540 C)
123	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness	APHA 23rd Edn (2340 C)
124	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness	IS 3025 (Part 21)
125	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldhal Nitrogen	APHA 23rd EDN 2017 (4500 Norg- B)
126	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldhal Nitrogen	IS 3025 (Part 34)
127	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	APHA 23rd Edn (2540B)
128	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	IS 3025 (Part 15)
129	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 23rd Edn 2540 D

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130	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	IS 3025 (Part 17)
131	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	APHA 23rd Edn (2130 B)
132	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	IS 3025 (Part 10)
133	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Volatile Solids	APHA 23rd EDN 2017 (2540E)
134	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	pH	APHA 23rd Edn (4500-H+ B)
135	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ammoniacal Nitrogen	IS 3025 (Part 34)
136	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water1.0	Ammoniacal Nitrogen	APHA 23rd Edn (4500-NH3 B & C)
137	CHEMICAL- SOLID FUELS	Coal	Ash	IS:1350 (Part 1)
138	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS:1350 (Part 1)
139	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	IS 1350 (Part -2)
140	CHEMICAL- SOLID FUELS	Coal	Moisture	IS:1350 (Part 1)
141	CHEMICAL- SOLID FUELS	Coal	Sulphur	IS 1350 (Part -3)
142	CHEMICAL- SOLID FUELS	Coal	Total Moisture	IS:1350 (Part 1), Clause;6.4
143	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS:1350 (Part 1)
144	CHEMICAL- SOLID FUELS	Coke	Ash	IS:1350 (Part 1)
145	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	IS:1350 (Part 1)
146	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value	IS 1350 (Part -2)
147	CHEMICAL- SOLID FUELS	Coke	Moisture	IS:1350 (Part 1)
148	CHEMICAL- SOLID FUELS	Coke	Sulphur	IS 1350 (Part -3)
149	CHEMICAL- SOLID FUELS	Coke	Total Moisture	IS:1350 (Part 1)
150	CHEMICAL- SOLID FUELS	Coke	Volatile Matter	IS:1350 (Part 1)
151	CHEMICAL- WATER	Drinking water/ Potable water	Calcium as Ca	IS 3025 (P-40)
152	CHEMICAL- WATER	Drinking water/ Potable water	Total Dissolved solids	IS 3025 (P-16)
153	CHEMICAL- WATER	Drinking Water / Potable water	Color	IS 3025 (P-4)
154	CHEMICAL- WATER	Drinking Water / Potable water	Odor	IS 3025 (P-5)
155	CHEMICAL- WATER	Drinking Water / Potable water	Total Alkalinity as CaCO3	IS 3025 (P-23)

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156	CHEMICAL- WATER	Drinking Water / Potable water	Total Hardness as CaCO3	IS 3025 (P-21)
157	CHEMICAL- WATER	Drinking Water / Potable water	Turbidity	IS 3025 (P-10)
158	CHEMICAL- WATER	Drinking water/ Potable water	Cyanide as CN	IS 3025 (P-27)
159	CHEMICAL- WATER	Drinking water/ Potable water	Chloride as Cl	IS 3025 (P-32)
160	CHEMICAL- WATER	Drinking water/ Potable water	Fluoride as F	IS 3025 (P-60)
161	CHEMICAL- WATER	Drinking water/ Potable water	Magnesium as Mg	IS 3025 (P-46)
162	CHEMICAL- WATER	Drinking water/ Potable water	pH Value	IS 3025 (P-11)
163	CHEMICAL- WATER	Drinking water/ Potable water	Sulphate as SO4	IS 3025 (P-24)
164	CHEMICAL- WATER	Drinking water/Portable Water	NO2	IS 3025 (P-34)
165	CHEMICAL- WATER	Ground Water	Acidity as CaCO3	IS 3025 (Part-22)
166	CHEMICAL- WATER	Ground Water	Calcium as Ca	IS 3025 (P-40)
167	CHEMICAL- WATER	Ground Water	Calcium Hardness as CaCO3	IS 3025 (P-40)
168	CHEMICAL- WATER	Ground Water	Chloride as Cl	IS 3025 (P-32)
169	CHEMICAL- WATER	Ground Water	Color	IS 3025 (P-4)
170	CHEMICAL- WATER	Ground Water	DO	APHA 23rd Edn (4500-O-G)
171	CHEMICAL- WATER	Ground Water	Electrical Conductivity	IS 3025 (P-14)
172	CHEMICAL- WATER	Ground Water	Fluoride as F	IS 3025 (P-60)
173	CHEMICAL- WATER	Ground Water	Free Cyanide as CN	IS 3025 (P-27)
174	CHEMICAL- WATER	Ground Water	Magnesium as Mg	IS 3025 (P-46)
175	CHEMICAL- WATER	Ground Water	Magnesium Hardness as CaCO3	IS 3025 (P-46)
176	CHEMICAL- WATER	Ground water	Nitrogen -Ammonia	IS 3025 (P-34)
177	CHEMICAL- WATER	Ground Water	NO2	IS 3025 (P-34)
178	CHEMICAL- WATER	Ground Water	NO3	IS 3025 (P-34)
179	CHEMICAL- WATER	Ground Water	Odor	IS 3025 (P-5)
180	CHEMICAL- WATER	Ground Water	pH Value	IS 3025 (P-11)
181	CHEMICAL- WATER	Ground Water	Phosphorous as P	IS 3025 (P-31)
182	CHEMICAL- WATER	Ground Water	Potassium as K	IS 3025(P-45)
183	CHEMICAL- WATER	Ground Water	Sodium Absorption Ratio	IS 11624
184	CHEMICAL- WATER	Ground Water	Sodium as Na	IS 3025(P-45)
185	CHEMICAL- WATER	Ground Water	Sulphate as SO4	IS 3025 (P-24)

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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
186	CHEMICAL- WATER	Ground Water	Temperature	IS 3025 (P-9)
187	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	IS 3025 (P-23)
188	CHEMICAL- WATER	Ground Water	Total Dissolved solids	IS 3025 (P-16)
189	CHEMICAL- WATER	Ground water	Total Hardness as CaCO3	IS 3025 (P-21)
190	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (P-10)
191	CHEMICAL- WATER	Industrial water/ Food Process water / Treated Water	Calcium as Ca	IS 3025 (P-40)
192	CHEMICAL- WATER	Industrial water/ Food Process water / Treated Water	Chloride as Cl	IS 3025 (P-32)
193	CHEMICAL- WATER	Industrial water/ Food Process water / Treated Water	Color	IS 3025 (P-4)
194	CHEMICAL- WATER	Industrial water/ Food Process water / Treated Water	Fluoride as F	IS 3025 (P-60)
195	CHEMICAL- WATER	Industrial water/ Food Process water / Treated Water	Free Cyanide as CN	IS 3025 (P-27)
196	CHEMICAL- WATER	Industrial water/ Food Process water / Treated Water	Magnesium as Mg	IS 3025 (P-46)
197	CHEMICAL- WATER	Industrial water/ Food Process water / Treated Water	NO2	IS 3025 (P-34)
198	CHEMICAL- WATER	Industrial water/ Food Process water / Treated Water	Odor	IS 3025 (P-5)
199	CHEMICAL- WATER	Industrial water/ Food Process water / Treated Water	pH Value	IS 3025 (P-11)
200	CHEMICAL- WATER	Industrial water/ Food Process water / Treated Water	Sulphate as SO4	IS 3025 (P-24)
201	CHEMICAL- WATER	Industrial water/ Food Process water / Treated Water	Total Alkalinity as CaCO3	IS 3025 (P-23)
202	CHEMICAL- WATER	Industrial water/ Food Process water / Treated Water	Total Hardness as CaCO3	IS 3025 (P-21)
203	CHEMICAL- WATER	Industrial water/ Food Process water / Treated Water	Total Solids	IS 3025 (P 15)
204	CHEMICAL- WATER	Industrial water/ Food Process water / Treated Water	Turbidity	IS 3025 (P-10)
205	CHEMICAL- WATER	Irrigation Water	SAR	IS 11624
206	CHEMICAL- WATER	Irrigation Water	Total Salt Concentration (EC)	IS 3025 (P-14)
207	CHEMICAL- WATER	Surface Water	BOD	IS 3025 (P-44)
208	CHEMICAL- WATER	Surface Water	Calcium as Ca	/APHA 23rd Edn (3500-Ca B)
209	CHEMICAL- WATER	Surface Water	Calcium as Ca	IS 3025 (P-40)
210	CHEMICAL- WATER	Surface Water	Calcium Hardness as CaCO3	APHA 23rd Edn (3500-Ca B)
211	CHEMICAL- WATER	Surface Water	Calcium Hardness as CaCO3	IS 3025 (P-40)
212	CHEMICAL- WATER	Surface Water	Chloride as Cl	APHA 23rd Edn (4500 Cl- B)
213	CHEMICAL- WATER	Surface Water	Chloride as Cl	IS 3025 (P-32)
214	CHEMICAL- WATER	Surface Water	COD	APHA 23rd Edn (5220-B)
215	CHEMICAL- WATER	Surface Water	COD	IS 3025 (P-58)

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216	CHEMICAL- WATER	Surface Water	Color	APHA 23rd Edn (2120 B)
217	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 23rd Edn (4500-O-G)
218	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 (P-38)
219	CHEMICAL- WATER	Surface Water	Electrical Conductivity	APHA 23rd Edn 2510 B
220	CHEMICAL- WATER	Surface Water	Electrical Conductivity	IS 3025 (P-14)
221	CHEMICAL- WATER	Surface Water	Fluoride as F	APHA 23rd Edn (4500-F- C)
222	CHEMICAL- WATER	Surface Water	Fluoride as F	IS 3025 (P-60)
223	CHEMICAL- WATER	Surface Water	Free Cyanide as CN	APHA 23rd Edn (4500-CN F)
224	CHEMICAL- WATER	Surface water	Free Cyanide as CN	IS 3025 (P-27)
225	CHEMICAL- WATER	Surface water	Hexavalent Chromium (Cr-VI)	APHA 23rd Edn (3500 -Cr B)
226	CHEMICAL- WATER	Surface Water	Hexavalent Chromium (Cr-VI)	IS 3025(P-52)
227	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA 23rd Edn (3500-Mg B)
228	CHEMICAL- WATER	Surface Water	Magnesium as Mg	IS 3025 (P-46)
229	CHEMICAL- WATER	Surface Water	Magnesium Hardness as CaCO3	APHA 23rd Edn (3500-Mg B)
230	CHEMICAL- WATER	Surface Water	Magnesium Hardness as CaCO3	IS 3025 (P-46)
231	CHEMICAL- WATER	Surface Water	Nitrogen- Ammonia	APHA 23rd Edn (4500 NH3 B&E)
232	CHEMICAL- WATER	Surface Water	Nitrogen -Ammonia	APHA 23rd Edn (4500-NH3 B & C)
233	CHEMICAL- WATER	Surface Water	Nitrogen -Ammonia	IS 3025 (P-34)
234	CHEMICAL- WATER	Surface Water	NO2	APHA 23rd Edn (4500-NO2 B)
235	CHEMICAL- WATER	Surface Water	NO2	IS 3025 (P-34)
236	CHEMICAL- WATER	Surface Water	NO3	APHA 23rd Edn (4500-NO3 E)
237	CHEMICAL- WATER	Surface Water	NO3	IS 3025 (P-34)
238	CHEMICAL- WATER	Surface Water	Odor	APHA 23rd Edn (2150 B)
239	CHEMICAL- WATER	Surface Water	Odor	IS 3025 (P-5)
240	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 23rd Edn (5520B)
241	CHEMICAL- WATER	Surface Water	Oil & Grease	IS:3025 (P-39)
242	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edn (4500-H B)
243	CHEMICAL- WATER	Surface Water	pH	IS 3025 (P-38)

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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
244	CHEMICAL- WATER	Surface water	Phosphorous as P	APHA 23rd Edn 4500 P-D
245	CHEMICAL- WATER	Surface Water	Phosphorous as P	IS 3025 (P-31)
246	CHEMICAL- WATER	Surface Water	Potassium as K	APHA 23rd Edn (3500 K B)
247	CHEMICAL- WATER	Surface Water	Potassium as K	IS 3025(P-45)
248	CHEMICAL- WATER	Surface Water	Sodium Absorption Ratio	IS 11624
249	CHEMICAL- WATER	Surface Water	Sodium as Na	APHA 23rd Edn (3500-Na B)
250	CHEMICAL- WATER	Surface Water	Sodium as Na	IS 3025(P-45)
251	CHEMICAL- WATER	Surface Water	Sulphate as SO4	APHA 23rd Edn (4500-SO4 E)
252	CHEMICAL- WATER	Surface Water	Sulphate as SO4	IS 3025 (P-24)
253	CHEMICAL- WATER	Surface Water	Taste	APHA 23rd Edn (2160 C)
254	CHEMICAL- WATER	Surface water	Temperature	IS3025 (P-9)
255	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	APHA 23rd Edn (2320 B)
256	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	IS 3025 (P-23)
257	CHEMICAL- WATER	Surface Water	Total Dissolved solids	APHA 23rd Edn (2130 C)
258	CHEMICAL- WATER	Surface Water	Total Dissolved solids	IS 3025 (P 17)
259	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23rd Edn (2340 C)
260	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	IS 3025 (P-21)
261	CHEMICAL- WATER	Surface Water	Total Solids	APHA 23rd Edn (2540B)
262	CHEMICAL- WATER	Surface Water	Total Solids	IS 3025 (P 15)
263	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 23rd Edn 2540 D
264	CHEMICAL- WATER	Surface Water	Total Suspended Solids	IS 3025 (P 17)
265	CHEMICAL- WATER	Surface Water	Turbidity	APHA 23rd Edn (2130 B)
266	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (P-10)
267	CHEMICAL- WATER	Water for Aquaculture	Dissolved Oxygen	APHA 23rd Edn (4500-O-G)
268	CHEMICAL- WATER	Water for Aquaculture	Nitrogen -Ammonia	IS 3025 (P-34)
269	CHEMICAL- WATER	Water for Aquaculture	NO2	IS 3025 (P-34)
270	CHEMICAL- WATER	Water for Aquaculture	NO3	IS 3025 (P-34)
271	CHEMICAL- WATER	Water for Aquaculture	pH	IS 3025 (P-11)
272	CHEMICAL- WATER	Water for Aquaculture	Phosphorous as P	IS 3025 (P-31)
273	CHEMICAL- WATER	Water for Aquaculture	Temperature	IS 3025 (P-9)

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274	CHEMICAL- WATER	Water for Aquaculture	Total Alkalinity as CaCO3	IS 3025 (P-23)
275	CHEMICAL- WATER	Water for Aquaculture	Total Hardness as CaCO3	IS 3025 (P-21)
276	CHEMICAL- WATER	Water for construction purpose	Acidity as CaCO3	IS 3025 (Part-22)
277	CHEMICAL- WATER	Water for construction purpose	Chloride as Cl	IS 3025 (P-32)
278	CHEMICAL- WATER	Water for construction purpose	Inorganic Solid(Fixed Residue)	IS 3025 (P-18)
279	CHEMICAL- WATER	Water for construction purpose	Organic Solid (Volatile Residue)	IS 3025 (P-18)
280	CHEMICAL- WATER	Water for construction purpose	pH Value	IS 3025 (P-11)
281	CHEMICAL- WATER	Water for construction purpose	Sulphate as SO4	IS 3025 (P-24)
282	CHEMICAL- WATER	Water for construction purpose	Total Alkalinity as CaCO3	IS 3025 (P-23)
283	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solids	IS 3025 (P 17)
284	CHEMICAL- WATER	Water for Swimming Pool	Chloride as Cl	IS 3025 (P-32)
285	CHEMICAL- WATER	Water for Swimming Pool	Color	IS 3025 (P-4)
286	CHEMICAL- WATER	Water for Swimming Pool	Odor	IS 3025 (P-5)
287	CHEMICAL- WATER	Water for Swimming Pool	pH Value	IS 3025 (P-11)
288	CHEMICAL- WATER	Water for Swimming Pool	Taste	IS:3025(P- 8)
289	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity as CaCO3	IS 3025 (P-23)
290	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved solids	IS 3025 (P-16)
291	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS 3025 (P-10)