National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : OUR LABORATORIES, PLOT NO. MIG(S)-14, PHASE-II, CGHB COLONY, KABIR NAGAR, RAIPUR, CHHATTISGARH, 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- ORES & MINERALS	Iron Ore	Aluminium Oxide (as Al2O3)	IS 1493 (Part 1)
2	CHEMICAL- ORES & MINERALS	Iron Ore	Calcium Oxide (as CaO)	IS 1493
3	CHEMICAL- ORES & MINERALS	Iron Ore	Iron (as Fe)	IS 1493 (Part 1)
4	CHEMICAL- ORES & MINERALS	Iron Ore	Phosphorus (as P)	IS 1493 (Part 1)
5	CHEMICAL- ORES & MINERALS	Iron ores	Silicon Di-Oxide (as SiO2)	IS 1493 (Part 1)
6	CHEMICAL- ORES & MINERALS	Limestone / Dolomite	Calcium Oxide (as CaO)	IS 1760 (Part 3)
7	CHEMICAL- ORES & MINERALS	Limestone / Dolomite	Iron Oxide (as Fe2O3)	IS 1760 (Part 3)
8	CHEMICAL- ORES & MINERALS	Limestone / Dolomite	Loss On Ignition (LOI)	IS 1760 (Part 1)
9	CHEMICAL- ORES & MINERALS	Limestone / Dolomite	Magnesium Oxide	IS 1760 (Part 3)
10	CHEMICAL- ORES & MINERALS	Limestone / Dolomite	Silica	IS 1760 (Part 2)
11	CHEMICAL- ORES & MINERALS	Manganese Ore	Aluminium Oxide (as Al2O3)	IS 1473
12	CHEMICAL- ORES & MINERALS	Manganese Ore	Manganese (as Mn)	IS 1473
13	CHEMICAL- ORES & MINERALS	Manganese Ore	Silica	IS 1473
14	CHEMICAL- ORES & MINERALS	Manganese Ore	Total Iron (as Fe)	IS 1473
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Bio-Chemical Oxygen Demand (BOD) (For 3 days at 27°C)	IS 3025 (Part 44)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Dissolved Oxygen	IS 3025 (Part 38)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Electrical Conductivity at 25 ° C	IS 3025 (Part 14)

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Fixed Residue	IS 3025 (Part 18)
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Oil and Grease	IS 3025 (Part 39)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	pH at 25 ° C	IS 3025 (Part 11)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Total Solids	IS 3025 (Part 15)
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Total Suspended Solids (TSS)	IS 3025 (Part 17)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Volatile Residue	IS 3025 (Part 18)
26	CHEMICAL- WATER	Boiler Water	Chloride	IS 3025 (Part 32)
27	CHEMICAL- WATER	Boiler Water	pH	IS 3025 (Part 11)
28	CHEMICAL- WATER	Boiler Water	Silica	IS 3025 (Part 35)
29	CHEMICAL- WATER	Boiler Water	Total Alkalinity	IS 3025 (Part 23)
30	CHEMICAL- WATER	Boiler Water	Total Dissolved Solids (TDS)	IS 3025 (part 16)
31	CHEMICAL- WATER	Boiler Water	Total Hardness	IS 3025 (Part 21)
32	CHEMICAL- WATER	Condensate Water	Dissolved Oxygen	IS 3025 (Part 38)
33	CHEMICAL- WATER	Condensate Water	pH	IS 3025 (Part 11)
34	CHEMICAL- WATER	Condensate Water	Silica	IS 3025 (Part 35)
35	CHEMICAL- WATER	Condensate Water	Sodium	IS 3025 (Part 45)
36	CHEMICAL- WATER	Condensate Water	Total Hardness	IS 3025 (Part 21)
37	CHEMICAL- WATER	Construction Water	Chloride	IS 3025 (Part 32)
38	CHEMICAL- WATER	Construction Water	Inorganic Solids	IS 3025 (Part 18)
39	CHEMICAL- WATER	Construction Water	Organic Solids	IS 3025 (Part 18)
40	CHEMICAL- WATER	Construction Water	pH	IS 3025 (Part 11)
41	CHEMICAL- WATER	Construction Water	Sulphate	IS 3025 (Part 24)
42	CHEMICAL- WATER	Construction Water	Suspended Matter	IS 3025 (Part 17)
43	CHEMICAL- WATER	Construction Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
44	CHEMICAL- WATER	Cooling Tower Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)

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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
45	CHEMICAL- WATER	Cooling Tower Water	pH	IS 3025 (Part 11)
46	CHEMICAL- WATER	Cooling Tower Water	Residual Chlorine	IS 3025 (Part 26)
47	CHEMICAL- WATER	Cooling Tower Water	Silica	IS 3025 (Part 35)
48	CHEMICAL- WATER	Cooling Tower Water	Sulphate	IS 3025 (Part 24)
49	CHEMICAL- WATER	Cooling Tower Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
50	CHEMICAL- WATER	Cooling Tower Water	Turbidity	IS 3025 (Part 10)
51	CHEMICAL- WATER	Drinking Water	Acidity	IS 3025 (Part 22)
52	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 (Part 40)
53	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32)
54	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
55	CHEMICAL- WATER	Drinking Water	Electrical Conductivity at 25°C	IS 3025 (Part 14)
56	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025 (Part 60)
57	CHEMICAL- WATER	Drinking Water	Iron	IS 3025 (Part 53)
58	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 (Part 46)
59	CHEMICAL- WATER	Drinking Water	Nitrate	IS 3025 (Part 34)
60	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
61	CHEMICAL- WATER	Drinking Water	pH at 25° C	IS 3025 (Part 11)
62	CHEMICAL- WATER	Drinking Water	Potassium	IS 3025 (Part 45)
63	CHEMICAL- WATER	Drinking Water	Residual Chlorine	IS 3025 (Part 26)
64	CHEMICAL- WATER	Drinking Water	Silica	IS 3025 (Part 35)
65	CHEMICAL- WATER	Drinking Water	Sodium	IS 3025 (Part 45)
66	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 (Part 24)
67	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (part 8)
68	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part 23)
69	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	IS 3021 (Part 16)
70	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 (Part 21)
71	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (P 10)
72	CHEMICAL- WATER	Feed Water	Conductivity	IS 3025 (Part 14)
73	CHEMICAL- WATER	Feed Water	Hardness	IS 3025 (Part 21)
74	CHEMICAL- WATER	Feed Water	Oil	IS 3025 (Part 39)

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75	CHEMICAL- WATER	Feed Water	pH	IS 3025 (Part 11)
76	CHEMICAL- WATER	Feed Water	Silica	IS 3025 (Part 35)
77	CHEMICAL- WATER	Ground Water	Calcium	IS 3025 (Part 40)
78	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 (Part 32)
79	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 (Part 32)
80	CHEMICAL- WATER	Ground Water	Electrical Conductivity at 25°C	IS 3025 (Part 14)
81	CHEMICAL- WATER	Ground Water	Fluoride	IS 3025 (Part 60)
82	CHEMICAL- WATER	Ground Water	Iron	IS 3025 (Part 53)
83	CHEMICAL- WATER	Ground Water	Magnesium	IS 3025 (Part 46)
84	CHEMICAL- WATER	Ground Water	Nitrate	IS 3025 (Part 34)
85	CHEMICAL- WATER	Ground Water	pH at 25°C	IS 3025 (Part 11)
86	CHEMICAL- WATER	Ground Water	Silica	IS 3025 (Part 35)
87	CHEMICAL- WATER	Ground Water	Sulphate	IS 3025 (Part 24)
88	CHEMICAL- WATER	Ground Water	Total Alkalinity	IS 3025 (Part 23)
89	CHEMICAL- WATER	Ground Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
90	CHEMICAL- WATER	Ground Water	Total Hardness	IS 3025 (Part 21)
91	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)
92	CHEMICAL- WATER	Industrial Water	Bio-Chemical Oxygen Demand (BOD) (For 3 days at 27°C)	IS 3025 (Part 44)
93	CHEMICAL- WATER	Industrial Water	Calcium (As Ca)	IS 3025 (Part 40)
94	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
95	CHEMICAL- WATER	Industrial Water	Chloride (As Cl)	IS 3025 (Part 32)
96	CHEMICAL- WATER	Reagent Grade Water	pH	IS 3025 (Part 11)
97	CHEMICAL- WATER	Reagent Grade Water	Silica	IS 3025 (Part 35)
98	CHEMICAL- WATER	Reagent Grade Water	Specific Conductivity at 25°C	IS 3025 (Part 14)
99	CHEMICAL- WATER	Reagent Grade Water	Total Solids	IS 3025 (Part 15)
100	CHEMICAL- WATER	Surface Water	Bio-Chemical Oxygen Demand (BOD) (For 3 days at 27°C)	IS 3025 (Part 44)
101	CHEMICAL- WATER	Surface Water	Calcium	IS 3025 (Part 40)
102	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)

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103	CHEMICAL- WATER	Surface Water	Chloride	IS 3025 (Part 32)
104	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 (Part 38)
105	CHEMICAL- WATER	Surface Water	Electrical Conductivity at 25°C	IS 3025 (Part 14)
106	CHEMICAL- WATER	Surface Water	Fluoride	IS 3025 (Part 60)
107	CHEMICAL- WATER	Surface Water	Iron	IS 3025 (Part 53)
108	CHEMICAL- WATER	Surface water	Magnesium	IS 3025 (Part 46)
109	CHEMICAL- WATER	Surface Water	Nitrate	IS 3025 (Part 34)
110	CHEMICAL- WATER	Surface water	Oil and Grease	IS 3025 (Part 39)
111	CHEMICAL- WATER	Surface Water	pH at 25°C	IS 3025 (Part 11)
112	CHEMICAL- WATER	Surface Water	Silica	IS 3025 (Part 35)
113	CHEMICAL- WATER	Surface water	Sulphate	IS 3025 (Part 24)
114	CHEMICAL- WATER	Surface Water	Total Alkalinity	IS 3025 (Part 23)
115	CHEMICAL- WATER	Surface Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
116	CHEMICAL- WATER	Surface Water	Total Hardness	IS 3025 (Part 21)
117	CHEMICAL- WATER	Surface Water	Total Suspended Solids (TSS)	IS 3025 (Part 17)
118	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)
119	CHEMICAL- WATER	Swimming Pool Water	Chloride	IS 3025 (Part 32)
120	CHEMICAL- WATER	Swimming Pool Water	Chlorine Residual	IS 3025 (Part 26)
121	CHEMICAL- WATER	Swimming Pool Water	Colour	IS 3025 (Part 4)
122	CHEMICAL- WATER	Swimming Pool Water	Odour	IS 3025 (Part 05)
123	CHEMICAL- WATER	Swimming Pool Water	pH	IS 3025 (Part 11)
124	CHEMICAL- WATER	Swimming Pool Water	Taste	IS 3025 (Part 8)
125	CHEMICAL- WATER	swimming Pool Water	Total Alkalinity	IS 3025 (Part 23)
126	CHEMICAL- WATER	Swimming Pool Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
127	CHEMICAL- WATER	Water from Purifiers	Calcium	IS 3025 (Part 40)
128	CHEMICAL- WATER	Water from Purifiers	Chloride	IS 3025 (Part 32)
129	CHEMICAL- WATER	Water from Purifiers	Fluoride	IS 3025 (Part 60)
130	CHEMICAL- WATER	Water from Purifiers	Iron	IS 3025 (Part 53)
131	CHEMICAL- WATER	Water from Purifiers	Magnesium	IS 3025 (Part 46)
132	CHEMICAL- WATER	Water from Purifiers	Nitrate	IS 3025 (Part 34)

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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
133	CHEMICAL- WATER	Water from Purifiers	pH at 25°C	IS 3025 (Part 11)
134	CHEMICAL- WATER	Water from Purifiers	Potassium	IS 3025 (Part 45)
135	CHEMICAL- WATER	Water from Purifiers	Silica	IS 3025 (Part 35)
136	CHEMICAL- WATER	Water from Purifiers	Sodium	IS 3025 (Part 45)
137	CHEMICAL- WATER	Water from Purifiers	Specific Conductivity at 25°C	IS 3025 (Part 14)
138	CHEMICAL- WATER	Water from Purifiers	Sulphate	IS 3025 (Part 24)
139	CHEMICAL- WATER	Water from Purifiers	Total Alkalinity	IS 3025 (Part 23)
140	CHEMICAL- WATER	Water from Purifiers	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
141	CHEMICAL- WATER	Water from Purifiers	Total Hardness	IS 3025 (Part 21)
142	CHEMICAL- WATER	Water from Purifiers	Turbidity	IS 3025 (Part 10)
143	CHEMICAL- WATER	Water Used in Processed Food Industry	Sulphate	IS 3025 (Part 24)