National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CITCO-IDFC TESTING LAB, PLOT NO 182/40-42, INDUSTRIAL AREA PHASE 1, CHANDIGARH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 16/06/2022 to 15/06/2024 **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- METALS & ALLOYS	Aluminium & its alloys	Chromium (Cr)	ASTM E 1251-17a
2	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Copper (Cu)	ASTM E 1251-17a
3	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron (Fe)	ASTM E 1251-17a
4	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead (Pb)	ASTM E1251-17a
5	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium (Mg)	ASTM E1251-17a
6	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese (Mn)	ASTM E1251-17a
7	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Nickel (Ni)	ASTM E1251-17a
8	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon (Si)	ASTM E1251-17a
9	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Tin (Sn)	ASTM E121-17a
10	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Titanium (Ti)	ASTM E1251-17a
11	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Vanadium (V)	ASTM E1251-17a
12	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc (Zn)	ASTM E1251-17a
13	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Aluminium (Al)	ASTM E-415
14	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Aluminium (Al)	IS 8811
15	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Boron (B)	ASTM E-415
16	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Boron (B)	IS 8811
17	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Carbon (C)	IS 8811
18	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Carbon(C)	ASTM E-415

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19	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Chromium (Cr)	ASTM E-415
20	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Chromium (Cr)	IS 8811
21	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Cobalt (Co)	ASTM E-415
22	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Cobalt (Co)	IS 8811
23	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Copper (Cu)	ASTM E-415
24	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Copper (Cu)	IS 8811
25	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Manganese (Mn)	IS 8811
26	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Manganese(Mn)	ASTM E-415
27	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Molybdenum (Mo)	ASTM E-415
28	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Molybdenum (Mo)	IS 8811
29	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Nickel (Ni)	ASTM E-415
30	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Nickel (Ni)	IS 8811
31	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Nitrogen (N)	ASTM E-415
32	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Phosphorus (P)	IS 8811
33	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Phosphorus(P)	ASTM E-415
34	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Silicon (Si)	ASTM E-415
35	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Silicon (Si)	IS 8811
36	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Sulphur (S)	ASTM E-415
37	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Sulphur (S)	IS 8811

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38	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Vanadium (V)	ASTM E-415
39	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Vanadium (V)	IS 8811
40	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium (Al)	JIS G 1253
41	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon (C)	ASTM E 1999
42	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon (C)	JIS G 1253
43	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium (Cr)	ASTM E1999
44	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium (Cr)	JIS G 1253
45	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper (Cu)	ASTM E 1999
46	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper (Cu)	JIS G 1253
47	CHEMICAL- METALS & ALLOYS	Cast Iron	Managanese (Mn)	ASTM E 1999
48	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese (Mn)	JIS G 1253
49	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum (Mo)	ASTM E 1999
50	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum (Mo)	JIS G 1253
51	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel (Ni)	ASTM E1999
52	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel (Ni)	JIS G 1253
53	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus (P)	ASTM E 1999
54	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus (P)	JIS G 1253
55	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon (Si)	ASTM E 1999
56	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon (Si)	JIS G 1253

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57	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulfur (S)	JIS G 1253
58	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur (S)	ASTM E 1999
59	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium (V)	ASTM E 1999
60	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium (V)	JIS G 1253
61	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Aluminium (Al)	BS EN 15079
62	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Bismuth (Bi)	BS EN 15079
63	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Iron (Fe)	BS EN 15079
64	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Lead (Pb)	BS EN 15079
65	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Manganese (Mn)	BS EN 15079
66	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Nickel (Ni)	BS EN 15079
67	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Phosphorus (P)	BS EN 15079
68	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Silicon (Si)	BS EN 15079
69	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Tin (Sn)	BS EN 15079
70	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Zinc (Zn)	BS EN 15079
71	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon (C)	ASTM E-1086
72	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon (C)	IS 9879
73	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium (Cr)	ASTM E-1086
74	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium (Cr)	IS 9879
75	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper (Cu)	ASTM E-1086

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76	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper (Cu)	IS 9879
77	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese (Mn)	ASTM E-1086
78	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese (Mn)	IS 9879
79	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese (Mn)	JIS G1253
80	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum (Mo)	ASTM E-1086
81	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum (Mo)	IS 9879
82	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel (Ni)	ASTM E-1086
83	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel (Ni)	IS 9879
84	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen (N)	JIS G 1253
85	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus (P)	ASTM E-1086
86	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus (P)	IS 9879
87	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon (Si)	ASTM E-1086
88	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon (Si)	IS 9879
89	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur (S)	IS 9879
90	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur (S)	ASTM E-1086
91	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur (S)	JIS G 1253
92	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium (V)	JIS G 1253
93	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon (C)	JIS G1253
94	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium (Cr)	JIS G 1253

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95	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt (Co)	JIS G 1253
96	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese (Mn)	JIS G 1253
97	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum (Mo)	JIS G 1253
98	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel (Ni)	JIS G 1253
99	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorus (P)	JIS G 1253
100	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon (Si)	JIS G 1253
101	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur (S)	JIS G 1253
102	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten (W)	JIS G 1253
103	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium (V)	JIS G 1253
104	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bolts	Proof Load for Bolts	IS 1367-3
105	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bolts	Tensile Strength Under Wedge Loading of Bolt	IS 1367-3
106	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloy & Products	Coating Thickness	IS 6012
107	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardness (10/3000)	IS: 1500 Part-1
108	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardness(5/750)	IS: 1500 Part-1
109	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Charpy Impact Test V notch (Ambient Temperature to -20°C)	IS 1757 Part 1
110	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness(HV1)	IS: 1501 Part 1

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111	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness(HV10)	IS: 1501 Part 1
112	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness(HV30)	IS: 1501 Part 1
113	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness(HV5)	IS: 1501 Part 1
114	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous metals, alloys & products	% of Elongation	IS 1608
115	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous metals, alloys & products	% Reduction in Area	IS 1608
116	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous metals, alloys & products	Charpy Impact Test V notch (Ambient Temperature to -20°C)	IS 1757 PART 1
117	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous metals, alloys & products	Tensile Strength	IS 1608
118	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous metals, alloys & products	Vickers Hardness(HV1)	IS 1501 PART 1
119	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous metals, alloys & products	Vickers Hardness(HV10)	IS 1501 PART 1
120	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous metals, alloys & products	Vickers Hardness(HV30)	IS 1501 PART 1
121	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous metals, alloys & products	Vickers Hardness(HV5)	IS 1501 PART 1
122	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous metals, alloys & products	Yield Stress	IS 1608
123	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nuts	Proof load for nuts	IS 1367-6
124	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bars	Re-Bend	IS 1786

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125	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel,Stainless Steel,Cast iron,Weld and welded component,Fastners	% Reduction in Area	ASTM A370
126	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel,Stainless Steel,Cast iron,Weld and welded component,Fastners,TMT Bars	% of Elongation	ASTM A370
127	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel,Stainless Steel,Cast iron,Weld and welded component,Fastners,TMT Bars	0.2% Proof Stress	ASTM A370
128	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel,Stainless Steel,Cast iron,Weld and welded component,Fastners,TMT Bars	Bend	IS 1599
129	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel,Stainless Steel,Cast iron,Weld and welded component,Fastners,TMT Bars	Tensile Strength	ASTM A370
130	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel,Stainless Steel,Cast iron,Weld and welded component,Fastners,TMT Bars	Yield Stress	ASTM A370
131	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bars,Wire	Weight per meter	IS 1786