National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TESTING LABORATORY, INDIANA GRATINGS PVT. LTD., PLOT NO. C63, MIDC, JEJURI, SASVAD, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10235 **Page No** 1 of 5

Validity 17/01/2022 to 16/01/2024 **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	Aluminum Base and its Alloys	Copper (Cu)	ASTM E 1251
2	CHEMICAL- METALS & ALLOYS	Aluminum Base and its Alloys	Chromium (Cr)	ASTM E 1251
3	CHEMICAL- METALS & ALLOYS	Aluminum Base and its Alloys	Iron (Fe)	ASTM E 1251
4	CHEMICAL- METALS & ALLOYS	Aluminum Base and its Alloys	Magnesium (Mg)	ASTM E 1251
5	CHEMICAL- METALS & ALLOYS	Aluminum Base and its Alloys	Manganese (Mn)	ASTM E 1251
6	CHEMICAL- METALS & ALLOYS	Aluminum Base and its Alloys	Silicon (Si)	ASTM E 1251
7	CHEMICAL- METALS & ALLOYS	Aluminum Base and its Alloys	Titanium (Ti)	ASTM E 1251
8	CHEMICAL- METALS & ALLOYS	Aluminum Base and its Alloys	Zinc (Zn)	ASTM E 1251
9	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Aluminum (Al)	ASTM E 415
10	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Aluminum (Al)	IS 8811
11	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Carbon (C)	ASTM E 415
12	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Carbon (C)	IS 8811
13	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Chromium (Cr)	ASTM E 415
14	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Chromium (Cr)	IS 8811
15	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Copper (Cu)	ASTM E 415
16	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Copper (Cu)	IS 8811
17	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Manganese(Mn)	IS 8811
18	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Manganese(Mn)	ASTM E 415

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19	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Molybdenum (Mo)	ASTM E 415
20	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Molybdenum (Mo)	IS 8811
21	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Nickel (Ni)	ASTM E 415
22	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Nickel (Ni)	IS 8811
23	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Phosphorous (P)	ASTM E 415
24	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Phosphorous (P)	IS 8811
25	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Silicon (Si)	ASTM E 415
26	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Silicon (Si)	IS 8811
27	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Sulfur (S)	ASTM E 415
28	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Sulfur (S)	IS 8811
29	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Titanium (Ti)	ASTM E 415
30	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Titanium (Ti)	IS 8811
31	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Vanadium (V)	ASTM E 415
32	CHEMICAL- METALS & ALLOYS	Metals And Alloys (Low carbon, medium carbon, & High carbon)	Vanadium (V)	IS 8811
33	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Carbon (C)	ASTM E 1086
34	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Carbon (C)	IS 9879
35	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Chromium (Cr)	ASTM E 1086
36	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Chromium (Cr)	IS 9879
37	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Cobalt (Co)	ASTM E 1086

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38	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Cobalt (Co)	IS 9879
39	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Copper (Cu)	ASTM E 1086
40	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Copper (Cu)	IS 9879
41	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Manganese(Mn)	ASTM E 1086
42	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Manganese(Mn)	IS 9879
43	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Molybdenum (Mo)	ASTM E 1086
44	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Molybdenum (Mo)	IS 9879
45	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Nickel (Ni)	ASTM E 1086
46	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Nickel (Ni)	IS 9879
47	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Phosphorous (P)	ASTM E 1086
48	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Phosphorous (P)	IS 9879
49	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Silicon (Si)	ASTM E 1086
50	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Silicon (Si)	IS 9879
51	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Sulfur (S)	ASTM E 1086
52	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Sulfur (S)	IS 9879
53	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Vanadium (V)	ASTM E 1086
54	CHEMICAL- METALS & ALLOYS	Metals and Alloys (Stainless Steels)	Vanadium (V)	IS 9879
55	CHEMICAL- METALS & ALLOYS	Zinc and its Alloys	(Lead) Pb	SOP No.TLIGPL/SOP/06 Issue No.01 Nov 30
56	CHEMICAL- METALS & ALLOYS	Zinc and its Alloys	Aluminum (Al)	SOP No.TLIGPL/SOP/06 Issue No.01 Nov 30

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57	CHEMICAL- METALS & ALLOYS	Zinc and its Alloys	Cadmium (Cd)	TLIGPL/SOP/06
58	CHEMICAL- METALS & ALLOYS	Zinc and its Alloys	Copper (Cu)	SOP No.TLIGPL/SOP/06 Issue No.01 Nov 30
59	CHEMICAL- METALS & ALLOYS	Zinc and its Alloys	Iron (Fe)	SOP No.TLIGPL/SOP/06 Issue No.01 Nov 30
60	CHEMICAL- METALS & ALLOYS	Zinc and its Alloys	Magnesium (Mg)	SOP No.TLIGPL/SOP/06 Issue No.01 Nov 30
61	CHEMICAL- METALS & ALLOYS	Zinc and its Alloys	Manganese (Mn)	SOP No.TLIGPL/SOP/06 Issue No.01 Nov 30
62	CHEMICAL- METALS & ALLOYS	Zinc and its Alloys	Tin (Sn)	SOP No.TLIGPL/SOP/06 Issue No.01 Nov 30
63	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material, alloys & products	(Yield Strength) Universal Tensile Test	ASTM A 370
64	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material, alloys & products	Bend Test	ASTM E 290
65	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material, alloys & products	Percentage elongation after fracture (Universal Tensile Test)	ASTM E8/E8M
66	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material, alloys & products	Percentage elongation after fracture(Universal Tensile Test)	ASTM A 370
67	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material, alloys & products	Percentage reduction of area (Universal Tensile Test)	ASTM E8/E8M
68	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material, alloys & products	Percentage reduction of area(Universal Tensile Test)	ASTM A 370
69	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material, alloys & products	Ultimate Tensile Strength (Universal Tensile Test)	ASTM A 370
70	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material, alloys & products	Yield Strength (Universal Tensile Test)	ASTM E8/E8M
71	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials alloys %& products	Rockwell Hardness Tester -B Scale	EN ISO 6508

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72	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Bend Test	ASME Sec.IX
73	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, Alloys & products	Bend Test	ASTM A370
74	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Bend Test	ASTM E190
75	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardness Tester- 2.5 mm / 187.5 Kg.	ASTM E 10
76	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness Tester- C Scale	EN ISO 6508
77	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness Tester -C Scale	ASTM E 18
78	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness Tester-B scale	ASTM E18
79	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Ultimate Tensile Strength (Universal Tensile Test)	ASTM E8/E8M
80	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Universal Tensile Test	ASTM E 8
81	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness Tester - Scale HV10	ASTM E 92