National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TESTING LABORATORY OF STEELCAST LIMITED, RUVAPARI ROAD, BHAVNAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6863 **Page No** 1 of 6

Validity 12/03/2022 to 11/03/2024 **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	Carbon Steel and Low Alloy Steel	Chromium	ASTM E415
2	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Chromium	IS 8811
3	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Chromium	JIS G 1253
4	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Molybdenum	ASTM E415
5	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Molybdenum	JIS G 1253
6	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Nickel	ASTM E415
7	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Nickel	IS 8811
8	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Nickel	JIS G 1253
9	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Sulfur	IS 8811
10	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Sulfur	JIS G 1253
11	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Carbon	ASTM E415
12	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Carbon	IS 8811
13	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Carbon	JIS G 1253
14	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Molybdenum	IS 8811
15	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Sulfur	ASTM E415
16	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Titanium	ASTM E415
17	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Vanadium	ASTM E415
18	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Vanadium	IS 8811

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19	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Vanadium	JIS G 1253
20	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Aluminum	ASTM E415
21	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Aluminum	IS 8811
22	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Aluminum	JIS G 1253
23	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Copper	ASTM E415
24	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Copper	IS 8811
25	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Copper	JIS G 1253
26	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Manganese	ASTM E415
27	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Manganese	IS 8811
28	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Manganese	JIS G 1253
29	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Nitrogen	ASTM E415
30	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Nitrogen	JIS G 1253
31	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Phosphorus	ASTM E415
32	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Phosphorus	IS 8811
33	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Phosphorus	JIS G 1253
34	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Silicon	ASTM E415
35	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Silicon	IS 8811
36	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Silicon	JIS G 1253
37	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Tin	ASTM E415

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38	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Tin	IS 8811
39	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Tin	JIS G 1253
40	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Titanium	IS 8811
41	CHEMICAL- METALS & ALLOYS	Carbon Steel and Low Alloy Steel	Titanium	JIS G 1253
42	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Carbon	IS 15338
43	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Carbon	JIS G 1253
44	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Chromium	IS 15338
45	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Chromium	JIS G 1253
46	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Copper	IS 15338
47	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Copper	JIS G 1253
48	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Manganese	IS 15338
49	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Manganese	JIS G 1253
50	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Molybdenum	IS 15338
51	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Molybdenum	JIS G 1253
52	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Nickel	IS 15338
53	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Nickel	JIS G 1253
54	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Phosphorus	IS 15338
55	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Phosphorus	JIS G 1253
56	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Silicon	IS 15338

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57	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Silicon	JIS G 1253
58	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Sulfur	IS 15338
59	CHEMICAL- METALS & ALLOYS	High Chromium Cast Iron	Sulfur	JIS G 1253
60	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Vanadium	IS 15338
61	CHEMICAL- METALS & ALLOYS	High chromium Cast Iron	Vanadium	JIS G 1253
62	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Carbon	ASTM E2209
63	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Carbon	JIS G 1253
64	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Chromium	ASTM E2209
65	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Chromium	JIS G 1253
66	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Manganese	ASTM E2209
67	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Manganese	JIS G 1253
68	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Molybdenum	ASTM E2209
69	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Molybdenum	JIS G 1253
70	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Phosphorus	ASTM E2209
71	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Phosphorus	JIS G 1253
72	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Silicon	ASTM E2209
73	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Silicon	JIS G 1253
74	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Sulfur	JIS G 1253
75	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086

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76	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
77	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
78	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
79	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
80	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
81	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
82	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
83	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
84	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
85	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
86	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
87	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E1086
88	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879
89	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
90	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
91	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	ASTM E1086
92	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	IS 9879
93	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	% Elongation	ASTM A370

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94	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	% Elongation	ISO 6892-1
95	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	% Reduction in Area	ASTM A370
96	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	% Reduction in Area	ISO 6892-1
97	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	0.2% Proof Stress	ASTM A370
98	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	0.2% Proof Stress	ISO 6892-1
99	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Bend Test	IS 1599
100	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Brinell Hardness	ASTM E10
101	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Brinell Hardness	ISO 6506-1
102	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Impact Testing (Charpy "V" Notch)	ISO 148-1
103	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Impact Testing (Izod)	IS 1598
104	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Ultimate Tensile Strength	ASTM A370
105	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Ultimate Tensile Strength	ISO 6892-1
106	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Yield Stress	ASTM A370
107	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Yield Stress	ISO 6892-1