



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11488

Page No

1 of 30

Validity

23/03/2025 to 22/03/2029

Last Amended on

13/04/2025

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 Testing				
1	CHEMICAL- CORROSION TESTS	Coated metals & product	Salt Mist Test	QM- 333
2	CHEMICAL- CORROSION TESTS	Electroplated & Anodized Aluminium Coatings	Electroplated and Anodized Aluminium Coatings by Salt Spray Test	IS 9844
3	CHEMICAL- CORROSION TESTS	Electroplated & Coated metals & product	AASS Test	IS 6910
4	CHEMICAL- CORROSION TESTS	Electroplated & Coated metals & product	CAAS Test	ASTM B368
5	CHEMICAL- CORROSION TESTS	Electroplated & Coated metals & product	CASS Test	IS 5528
6	CHEMICAL- CORROSION TESTS	Electroplated & Coated Metals & Products	AASS Test	ISO 9227
7	CHEMICAL- CORROSION TESTS	Electroplated & Coated Metals & Products	CAAS Test	ISO 9227
8	CHEMICAL- CORROSION TESTS	Painted & Coated metals	Salt Spray Test	ASTM B117
9	CHEMICAL- CORROSION TESTS	Painted & Coated Product	Neutral Salt Spray Test	ISO 9227
10	CHEMICAL- CORROSION TESTS	Painted & Coated Product	Salt Spray Test	JIS Z 2371
11	CHEMICAL- CORROSION TESTS	Painted , Coated & Plated Components(Ferrous , Non Ferrous & Plastics)	Chemical Resistance	ASTM D1308
12	CHEMICAL- CORROSION TESTS	Painted , Coated & Plated Components(Ferrous , Non Ferrous & Plastics)	Humidity Resistance	ASTM D 2247
13	CHEMICAL- CORROSION TESTS	Painted , Coated & Plated Components(Ferrous , Non Ferrous & Plastics)	Water Resistance	ASTM D870
14	CHEMICAL- CORROSION TESTS	Phosphate Coated metals & product	Corrosion Resistance	IS 3618
15	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Coated Sheet, Wire, Rod, Tube Products & Components	Mass of Cadmium Coating	IS :1572
16	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metal Coated Sheet, Wire, Rod, Tube Products & Components	Adhesion Test (Hammer Test/Knife Test)	IS 2629
17	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metal Coated Sheet, Wire, Rod, Tube Products & Components	Phosphate Coating	IS 3618
18	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metal Coated Sheet, Wire, Rod, Tube Products & Components	Uniformity Test	IS 2633

This is annexure to 'Certificate of Accreditation' and does not require any signature.



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Page No

2 of 30

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19	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metal Coated Sheet, Wire, Rod, Tube Products & Components	Zinc Mass Coating	ASTM A90
20	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metal Coated Sheet, Wire, Rod, Tube Products & Components	Zinc Mass Coating	IS 6745
21	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metal Coated Sheet, Wire, Rod, Tube Products & Components	Zinc Mass Coating	ISO 1460
22	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Aluminium	ASTM E415
23	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Aluminium	IS 8811
24	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Aluminium	JIS G 1253
25	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Antimony	ASTM E415
26	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Antimony	JIS G1253
27	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Arsenic	ASTM E415
28	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Arsenic	JIS G1253
29	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Boron	ASTM E415
30	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Boron	IS 8811
31	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Boron	JIS G 1253
32	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Carbon	ASTM E415
33	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Carbon	IS 8811
34	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Carbon	JIS G 1253
35	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Chromium	ASTM E415
36	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Chromium	IS 8811
37	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Chromium	JIS G 1253



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3 of 30

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38	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon steel	Cobalt	ASTM E415
39	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Cobalt	JIS G1253
40	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Copper	ASTM E415
41	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Copper	IS 8811
42	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Copper	JIS G 1253
43	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Manganese	ASTM E415
44	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Manganese	IS 8811
45	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Manganese	JIS G 1253
46	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Molybdenum	ASTM E415
47	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Molybdenum	IS 8811
48	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Molybdenum	JIS G 1253
49	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Nickel	ASTM E415
50	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Nickel	IS 8811
51	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Nickel	JIS G 1253
52	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Niobium	ASTM E415
53	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Niobium	IS 8811
54	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Niobium	JIS G 1253
55	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Nitrogen	ASTM E415
56	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Nitrogen	JIS G 1253
57	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Phosphorous	ASTM E415



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58	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Phosphorous	IS 8811
59	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Phosphorous	JIS G 1253
60	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Silicon	ASTM E415
61	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Silicon	IS 8811
62	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Silicon	JIS G 1253
63	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Sulphur	ASTM E415
64	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Sulphur	IS 8811
65	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Sulphur	JIS G 1253
66	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Tin	ASTM E415
67	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Tin	IS 8811
68	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Tin	JIS G 1253
69	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Titanium	ASTM E415
70	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Titanium	IS 8811
71	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Titanium	JIS G 1253
72	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Vanadium	ASTM E415
73	CHEMICAL- METALS & ALLOYS	Alloy steel & Carbon steel	Vanadium	IS 8811
74	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel	Vanadium	JIS G 1253
75	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Chromium	ASTM E1251
76	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Copper	ASTM E1251
77	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Iron	ASTM E1251



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78	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Lead	ASTM E1251
79	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Magnesium	ASTM E1251
80	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Manganese	ASTM E1251
81	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Nickel	ASTM E1251
82	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Silicon	ASTM E1251
83	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Tin	ASTM E1251
84	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Titanium	ASTM E1251
85	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Zinc	ASTM E1251
86	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	JIS G1253
87	CHEMICAL- METALS & ALLOYS	Cast Iron	Arsenic	JIS G1253
88	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	JIS G1253
89	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	JIS G1253
90	CHEMICAL- METALS & ALLOYS	Cast Iron	Cobalt	JIS G1253
91	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	JIS G1253
92	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	JIS G1253
93	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	JIS G1253
94	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	JIS G1253
95	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	JIS G1253
96	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	JIS G1253
97	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	JIS G1253



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Page No 6 of 30

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98	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	JIS G1253
99	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	JIS G1253
100	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	JIS G1253
101	CHEMICAL- METALS & ALLOYS	Copper & Its Alloy	Arsenic	BS EN 15079
102	CHEMICAL- METALS & ALLOYS	Copper & Its Alloy	Bismuth	BS EN 15079
103	CHEMICAL- METALS & ALLOYS	Copper & Its Alloy	Cadmium	BS EN 15079
104	CHEMICAL- METALS & ALLOYS	Copper & Its Alloy	Cobalt	BS EN 15079
105	CHEMICAL- METALS & ALLOYS	Copper & Its Alloy	Silver	BS EN 15079
106	CHEMICAL- METALS & ALLOYS	Copper & Its Alloy	Sulphur	BS EN 15079
107	CHEMICAL- METALS & ALLOYS	Copper & Its Alloy	Tellurium	BS EN 15079
108	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Aluminium	BS EN 15079
109	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Antimony	BS EN 15079
110	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Iron	BS EN 15079
111	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Lead	BS EN 15079
112	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Manganese	BS EN 15079
113	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Nickel	BS EN 15079
114	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Phosphorus	BS EN 15079
115	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Silicon	BS EN 15079
116	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Tin	BS EN 15079
117	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Zinc	BS EN 15079



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Page No 7 of 30

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118	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminium	ASTM E3047
119	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Boron	ASTM E3047
120	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon	ASTM E3047
121	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	ASTM E3047
122	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	ASTM E3047
123	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	ASTM E3047
124	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	ASTM E3047
125	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	ASTM E3047
126	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	ASTM E3047
127	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Nickel	ASTM E3047
128	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Niobium	ASTM E3047
129	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosphorous	ASTM E3047
130	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	ASTM E3047
131	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulphur	ASTM E3047
132	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tin	ASTM E3047
133	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	ASTM E3047
134	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tungeston	ASTM E3047
135	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium	ASTM E3047
136	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	ASTM A751
137	CHEMICAL- METALS & ALLOYS	Stainless steel	Aluminium	ASTM A751



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138	CHEMICAL- METALS & ALLOYS	Stainless steel	Aluminium	JIS G1253
139	CHEMICAL- METALS & ALLOYS	Stainless steel	Arsenic	ASTM A751
140	CHEMICAL- METALS & ALLOYS	Stainless steel	Arsenic	JIS G1253
141	CHEMICAL- METALS & ALLOYS	Stainless steel	Boron	ASTM A751
142	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	JIS G 1253
143	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	ASTM A751
144	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
145	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
146	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G 1253
147	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	ASTM A751
148	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
149	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
150	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G 1253
151	CHEMICAL- METALS & ALLOYS	Stainless steel	Cobalt	ASTM A751
152	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	JIS G 1253
153	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper	ASTM A751
154	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS G 1253
155	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	ASTM A751
156	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
157	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879



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Page No 9 of 30

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158	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G 1253
159	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	ASTM A751
160	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
161	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
162	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G 1253
163	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	ASTM A751
164	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
165	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
166	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G 1253
167	CHEMICAL- METALS & ALLOYS	Stainless steel	Niobium	ASTM A751
168	CHEMICAL- METALS & ALLOYS	Stainless steel	Niobium	JIS G1253
169	CHEMICAL- METALS & ALLOYS	Stainless steel	Nitrogen	ASTM A751
170	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 228 (Part 23)
171	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	JIS G 1253
172	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorus	ASTM A751
173	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E1086
174	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879
175	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	JIS G 1253
176	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
177	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879



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10 of 30

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178	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	JIS G 1253
179	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur	ASTM A751
180	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E1086
181	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
182	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JIS G 1253
183	CHEMICAL- METALS & ALLOYS	Stainless steel	Titanium	ASTM A751
184	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G 1253
185	CHEMICAL- METALS & ALLOYS	Stainless steel	Tunguston	ASTM A751
186	CHEMICAL- METALS & ALLOYS	Stainless steel	Tunguston	JIS G1253
187	CHEMICAL- METALS & ALLOYS	Stainless steel	Vanadium	ASTM A751
188	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS G 1253
189	CHEMICAL- PLASTIC & RESINS	Plastic (Raw Material & Its Products)	Ash content	ASTM D5630
190	CHEMICAL- PLASTIC & RESINS	Plastic (Raw Material & Its Products)	Plastic Identification	ASTM E 1252 (By FTIR)
191	CHEMICAL- PLASTIC & RESINS	Plastic (Raw Materials & Its Products)	Specific Gravity	ASTM D792
192	CHEMICAL- PLASTIC & RESINS	Plastic(Raw Material & Its Products)	Water Absorbtion	ASTM D 570
193	CHEMICAL- PLASTIC & RESINS	Plastics (Plastic products/ Moulding Compounds/Thermoplastic/Composites/Resin/ Pipes/Sheets	Specific Gravity	IS:13360, Part-3, Sec.10
194	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber Products, Synthetic Rubber Products	Ash content	ASTM D297
195	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber Products, Synthetic Rubber Products	Rubber Identification	ASTM D3677 (By FTIR)
196	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Vulcanizate / Rubber product / Rubber composites / Thermoplastic	Identification of Rubber material	ISO 4650 (By FTIR)
197	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Al & Al Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	% Elongation	ASTM B 557

This is annexure to 'Certificate of Accreditation' and does not require any signature.



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11488

Page No

11 of 30

Validity

23/03/2025 to 22/03/2029

Last Amended on

13/04/2025

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
198	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Al & Al Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	Reduction of Area	ASTM B 557
199	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Al & Al Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	Tensile Strength	ASTM B 557
200	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Al & Al Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	Yield Stress	ASTM B 557
201	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy & Product	Brinell Hardness Test	ASTM E 10
202	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy & Product	Brinell Hardness Test	ASTM E 10
203	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy & Product	Brinell Hardness Test	IS 1500(Part-1)
204	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy & Product	Brinell Hardness Test	IS 1500(Part-1)
205	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy & Product	Rockwell Hardness Test	ASTM E 18
206	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy & Product	Rockwell Hardness Test	ASTM E 18
207	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy & Product	Rockwell Hardness Test	IS 1586(Part-1)
208	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy & Product	Rockwell Hardness Test	IS 1586(Part-1)
209	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy & Product	Vicker Hardness Test	ASTM E 384
210	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy & Product	Vicker Hardness Test	ASTM E 384
211	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy & Product	Vicker Hardness Test	ASTM E 92



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11488

Page No

12 of 30

Validity

23/03/2025 to 22/03/2029

Last Amended on

13/04/2025

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
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy & Product	Vicker Hardness Test	ASTM E 92
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy & Product	Vicker Hardness Test	IS 1501(Part- 1)
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy & Product	Vicker Hardness Test	IS 1501(Part- 1)
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy & Product	Vicker Hardness Test	IS 1501(Part- 1)
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy & Product	Vicker Hardness Test	IS 1501(Part- 1)
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy (Pipe & Tube)	Flattening Test	IS 2328
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	% Elongation	ASTM E8/E8M
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	% Elongation	IS 1608 (Part-1)
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	0.2% Proof Stress	ASTM E8/E8M
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	0.2% Proof Stress	IS 1608 (Part-1)
222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	Bend Test (Mandrel Dia : 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 38, 40, 48, 50, 64, 68, 76, 80, 82, 90, 94, 116, 150, 200, 250mm)	ASTM E 290
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	Bend Test (Mandrel Dia : 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 38, 40, 48, 50, 64, 68, 76, 80, 82, 90, 94, 116, 150, 200, 250mm)	IS 1599
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	Reduction of Area	ASTM E8/E8M



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11488

Page No

13 of 30

Validity

23/03/2025 to 22/03/2029

Last Amended on

13/04/2025

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
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	Reduction of Area	IS 1608 (Part-1)
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	Tensile Strength	ASTM E8/E8M
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	Tensile Strength	IS 1608 (Part-1)
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	Yield Stress	ASTM E8/E8M
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al AlloyCu & Cu Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	Yield Stress	IS 1608 (Part-1)
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Al & Al Alloy (Sheet, Plate, Wire, Rod, Bar & Product)	0.2% Proof Stress	ASTM B 557
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium wire used as conductors for electric cables (PVC, LT, HT, AB and XLPE Cable)	Wrapping test (Aluminium)	IS 10810 (Part 3)
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium wires used for conductors of electric cables (PVC, LT, HT, AB and XLPE Cable)	Tensile test (Aluminium)	IS 10810 (Part 2)
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Annealed copper wires, aluminium wires for welding cables and solidal conductors used in electric cable (PVC, LT, HT, AB and XLPE Cable)	Annealing Test (Copper)	IS 10810 (Part 1)
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Armouring materials for electric cables (PVC, LT, HT, AB and XLPE Cable)	Elongation test for Armour	IS 10810 (Part 37)
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Armouring materials for electric cables (PVC, LT, HT, AB and XLPE Cable)	Tensile test for Armour	IS 10810 (Part 37)
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Armouring of electric cables (PVC, LT, HT, AB and XLPE Cable)	Winding test on galvanized steel strip on armouring	IS 10810 (Part 39)
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal alloys & product	Flattening Test	ASTM A 370
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal alloys & product	Reduction Area% (Through Thickness)	ASTM A 770



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11488

Page No

14 of 30

Validity

23/03/2025 to 22/03/2029

Last Amended on

13/04/2025

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
239	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Metal alloys & product	Reduction Area% (Through Thickness)	BS EN 10164
240	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys Pipe/Tube(10NB to 50 NB)	Bend Test (Mandrel Dia : 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 38, 40, 48, 50, 64, 68, 76, 80, 82, 90, 94, 116, 150, 200, 250mm)	IS 2329
241	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	% Elongation	ASTM E-8: 2022
242	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	% Elongation	IS 1608 (Part-1)
243	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	% Elongation	ISO 6892-1
244	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	% Elongation	JIS Z 2241
245	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	% Reduction Area	ASTM E-8
246	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	% Reduction Area	IS 1608 (Part-1): 2022
247	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	% Reduction Area	ISO 6892-1: 2019
248	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	% Reduction Area	JIS Z 2241
249	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.1% Proof Stress @ Evaluated Temp.up to 900 Deg. Cent.	ASTM E 21
250	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.1% Proof Stress @ Evaluated Temp.up to 900 Deg. Cent.	ISO 6892-2
251	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.1% Proof Stress	ASTM E-8
252	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.1% Proof Stress	IS 1608 (Part-1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11488

Page No

15 of 30

Validity

23/03/2025 to 22/03/2029

Last Amended on

13/04/2025

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
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.1% Proof Stress	ISO 6892-1
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.1% Proof Stress	JIS Z 2241
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.2% Proof Stress @ Evaluated Temp.up to 900 Deg. Cent.	ASTM E 21
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.2% Proof Stress @ Evaluated Temp.up to 900 Deg. Cent.	ISO 6892-2
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.2% Proof Stress	ASTM E-8
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.2% Proof Stress	IS 1608 (Part-1)
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.2% Proof Stress	ISO 6892-1
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.2% Proof Stress	JIS Z 2241
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.5% Proof Stress	ASTM E-8
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.5% Proof Stress	IS 1608 (Part-1)
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.5% Proof Stress	ISO 6892-1
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.5% Proof Stress	JIS Z 2241
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	1.0% Proof Stress @ Evaluated Temp.up to 900 Deg. Cent.	ASTM E 21
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	1.0% Proof Stress @ Evaluated Temp.up to 900 Deg. Cent.	ISO 6892-2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11488

Page No

16 of 30

Validity

23/03/2025 to 22/03/2029

Last Amended on

13/04/2025

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
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	1.0% Proof Stress	ASTM E-8
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	1.0% Proof Stress	IS 1608 (Part-1)
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	1.0% Proof Stress	ISO 6892-1
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	1.0% Proof Stress	JIS Z 2241
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Bend Test (Mandrel Dia : 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 38, 40, 48, 50, 64, 68, 76, 80, 82, 90, 94, 116, 150, 200, 250mm)	ASTM E 290
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Brinell Hardness Test	ASTM E10
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Brinell Hardness Test	IS 1500(Part-1)
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Brinell Hardness Test	ISO 6506-1
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Elongation % @ Evaluated Temp.up to 900 Deg. Cent.	ASTM E 21
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Elongation % @ Evaluated Temp.up to 900 Deg. Cent.	ISO 6892-2
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Flattening Test	ASTM A 530
278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Flattening Test	IS 2328: 2018
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Hot Tensile Strength @ Evaluated Temp.up to 900 Deg. Cent.	ASTM E 21
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Hot Tensile Strength @ Evaluated Temp.up to 900 Deg. Cent.	ISO 6892-2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11488

Page No 17 of 30

Validity 23/03/2025 to 22/03/2029

Last Amended on 13/04/2025

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
281	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Micro Vicker Hardness Test	ASTM E 384
282	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Micro Vicker Hardness Test	ASTM E 384
283	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Micro Vicker Hardness Test	IS 1501(Part- 1): 2020
284	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Micro Vicker Hardness Test	IS 1501(Part- 1): 2020
285	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.5% Proof Stress @ Evaluated Temp.up to 900 Deg. Cent.	ASTM E 21
286	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	0.5% Proof Stress @ Evaluated Temp.up to 900 Deg. Cent.	ISO 6892-2
287	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Reduction Area % @ Evaluated Temp.up to 900 Deg. Cent.	ASTM E 21
288	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Reduction Area % @ Evaluated Temp.up to 900 Deg. Cent.	ISO 6892-2
289	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Rockwell Hardness Test	ASTM E 18
290	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Rockwell Hardness Test	ASTM E 18
291	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Rockwell Hardness Test	IS 1586(Part-1)
292	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Rockwell Hardness Test	IS 1586(Part-1)
293	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Rockwell Hardness Test	ISO 6508-1
294	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Rockwell Hardness Test	ISO 6508-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11488

Page No 18 of 30

Validity 23/03/2025 to 22/03/2029

Last Amended on 13/04/2025

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
295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Tensile Strength	ASTM E-8
296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Tensile Strength	IS 1608 (Part-1)
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Tensile Strength	ISO 6892-1
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Tensile Strength	JIS Z 2241
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	U notch Charpy Impact Test	ASTM E 23
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	U notch Charpy Impact Test	IS 1757(Part-1)
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	U notch Charpy Impact Test	ISO 148-1
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	V notch Charpy Impact Test(Up to - 196Å°C)	ASTM E-23
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	V notch Charpy Impact Test(Up to - 196Å°C)	IS 1757(Part-1)
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	V notch Charpy Impact Test(Up to - 196Å°C)	ISO 148-1
305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	V notch Izod Test	IS 1598
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Vicker Hardness Test	ASTM E 92
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Vicker Hardness Test	ASTM E 92
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Vicker Hardness Test	IS 1501(Part- 1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11488

Page No

19 of 30

Validity

23/03/2025 to 22/03/2029

Last Amended on

13/04/2025

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
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Vicker Hardness Test	IS 1501(Part- 1)
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Vicker Hardness Test	ISO 6507-1
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Vicker Hardness Test	ISO 6507-1
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Yield strength @ Evaluated Temp.up to 900 Deg. Cent.	ASTM E 21
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Yield strength @ Evaluated Temp.up to 900 Deg. Cent.	ISO 6892-2
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Yield Stress	ASTM E-8
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Yield Stress	IS 1608 (Part-1)
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Yield stress	ISO 6892-1
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & product	Yield stress	JIS Z 2241
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Nickel materials & Others Metal alloys & TMT & metal product	Bend Test (Mandrel Dia : 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 38, 40, 48, 50, 64, 68, 76, 80, 82, 90, 94, 116, 150, 200, 250mm)	IS 1599
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous ,Nonferrous materials, alloys & product	Load Test	SDTCL/SOP/40
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous ,Nonferrous materials, alloys & product	Shear strength Test	IS 5242
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous alloys & product	Lateral Expansion	ASTM A 370
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous alloys & product	Lateral Expansion	IS 1757(Part-1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11488

Page No 20 of 30

Validity 23/03/2025 to 22/03/2029

Last Amended on 13/04/2025

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
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous alloys & product	Lateral Expansion	ISO 148
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material, alloys & products	Case Depth(Hardness Measurement Method)	IS 6416
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product(Fastener)	% Reduction Area)	IS 1367(Part-3)
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product(Fastener)	% Reduction Area)	ISO 898-1
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product	Shear Fracture %	ASTM A 370
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product	Shear Fracture %	IS 1757(Part-1)
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product	Shear Fracture %	ISO 148
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product	Tensile Strength	ASTM A-370
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product	Yield Stress	ASTM A-370
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Bolts)	Proof Load Test(Fasteners)	ISO 898-1
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fastener)	% Elongation	IS 1367(Part-3)
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners - Bolt)	% Elongation	ASTM A 193
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners - Bolt)	% Elongation	ASTM F606/F606M
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners - Bolt)	% Elongation	ISO 898-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11488

Page No 21 of 30

Validity 23/03/2025 to 22/03/2029

Last Amended on 13/04/2025

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
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners - Bolt)	% Reduction Area)	ASTM A 193
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners - Bolt)	% Reduction Area)	ASTM F606/F606M
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners - Bolt)	Elongation	IS 1367(Part-14)
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners)	Tensile Strength	ASTM A 193
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners)	Tensile Strength	ASTM F606/F606M
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners)	Tensile Strength	IS 1367(Part-14)
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners)	Tensile Strength	IS 1367(Part-3)
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners)	Tensile Strength	ISO 898-1
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners)	Yield Stress	ASTM A 193
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners)	Yield Stress	ASTM F606/F606M
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners)	Yield Stress	IS 1367(Part-14)
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners)	Yield Stress	IS 1367(Part-3)
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners)	Yield Stress	ISO 898-1
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners, Bolts,)	Head Soundness Test(Fasteners)	IS 1367(Part-3)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11488

Page No

22 of 30

Validity

23/03/2025 to 22/03/2029

Last Amended on

13/04/2025

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
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners, Bolts,)	Head Soundness Test(Fasteners)	ISO 898-1
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners, Bolts,)	Wedge under Tensile Load Test(Fasteners)	IS 1367(Part-3)
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners, Bolts,)	Wedge under Tensile Load Test(Fasteners)	ISO 898-1
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Fasteners, Bolts, nuts)	Proof Load Test(Fasteners)	IS 1367(Part-3 & Part- 6)
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Nuts)	Proof Load Test(Fasteners)	ASTM A 194
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Nuts)	Proof Load Test(Fasteners)	ASTM F606/F606M
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Nuts)	Proof Load Test(Fasteners)	ISO 898-2
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Sheet, Plate, Wire, Rod, Billet, Bloom, Slab)	0.1% Proof Stress	ASTM A370
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Sheet, Plate, Wire, Rod, Billet, Bloom, Slab)	0.2% Proof Stress	ASTM A370
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Sheet, Plate, Wire, Rod, Billet, Bloom, Slab)	0.5% Proof Stress	ASTM A370
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Sheet, Plate, Wire, Rod, Billet, Bloom, Slab)	1.0% Proof Stress	ASTM A370
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Sheet, Plate, Wire, Rod, Billet, Bloom, Slab)	Bend Test (Mandrel Dia : 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 38, 40, 48, 50, 64, 68, 76, 80, 82, 90, 94, 116, 150, 200, 250mm)	ASTM A 370
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Spring Washer,)	Permanent Set Load Test	IS 3063
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & product (Spring Washer,)	Twist Test	IS 3063



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11488

Page No

23 of 30

Validity

23/03/2025 to 22/03/2029

Last Amended on

13/04/2025

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
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products (Fasteners)	0.2 % Proof Stress	ASTM F606/F606M
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products (Fasteners)	0.2% Proof Stress	ASTM A193
367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products (Fasteners)	0.2% Proof Stress	IS 1367(Part-14)
368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous metal alloy (TMT)	Mass per meter	IS 1786
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous metal alloy (Tube, Pipe, Rod, Sheet, Angle, Channel, Beam)	Mass per meter	SDTCL/SOP/41
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous metal alloy (Tube, Pipe, Rod, Sheet, Angle, Channel, Beam)	Dimension	SDTCL/SOP/42
371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal alloys Pipe/Tube(10NB to 50 NB)	Bend Test (Mandrel Dia : 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 38, 40, 48, 50, 64, 68, 76, 80, 82, 90, 94, 116, 150, 200, 250mm)	ASTM A 370
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal alloys TMT (4 mm to 28 mm)	Rebend Test	IS 1786
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Paint/Coated Sheet, Rod, Tube Products & Components	Coating Thickness	IS:6012:1992
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Plate, Pipe, Rod	Fillet Weld Break Test (Fracture)	AWS D.1.2
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Fillet Weld Break Test (Fracture)	AWS B 4.0
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Fillet Weld Break Test (Fracture)	AWS D 1.1
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Fillet Weld Break Test (Fracture)	IS 3600(Part-8)
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Fracture Test	ASME Sec.- IX



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11488

Page No

24 of 30

Validity

23/03/2025 to 22/03/2029

Last Amended on

13/04/2025

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
379	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Fracture Test	BS EN ISO 9017
380	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Fracture Test	IS 7307(Part-1)
381	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Nick Break	API 1104
382	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Nick Break	AWS B4.0
383	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Nick Break	IS 2825
384	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Nick Break	IS 3600(Part-8)
385	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Pull Out Test(Mockup Test)	ASME Sec.- IX
386	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Transverse Tensile Strength	IS 7307(Part-1)
387	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Welded Guided Face, Root & Side Bend	API 1104
388	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Welded Guided Face, Root & Side Bend	ASME Sec.- IX
389	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Welded Guided Face, Root & Side Bend	AWS B4.0
390	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Welded Guided Face, Root & Side Bend	BS EN ISO 5173
391	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded plate/Pipe/Rod	Welded Guided Face, Root & Side Bend	IS 7307(Part-1)
392	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Tear Test (Shear Test)	ASME Sec.- IX



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11488

Page No

25 of 30

Validity

23/03/2025 to 22/03/2029

Last Amended on

13/04/2025

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
393	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Transverse Tensile Strength	API 1104
394	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Transverse Tensile Strength	ASME Sec.- IX
395	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Transverse Tensile Strength	AWS B4.0
396	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Transverse Tensile Strength	IS 3600(Part-3)
397	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Transverse Tensile Strength	ISO 4136
398	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Vicker Hardness Test	BS EN ISO 9015-1
399	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Vicker Hardness Test	BS EN ISO 9015-1
400	MECHANICAL- METALLOGRAPHY TEST	Ferrous material, alloys & products	Case Depth (Macroscopic Method)	IS 6416
401	MECHANICAL- METALLOGRAPHY TEST	Ferrous material, alloys & products	Case Depth (Microscopic Method)	IS 6416
402	MECHANICAL- METALLOGRAPHY TEST	Ferrous material, alloys & products (Fastners)	Carburization Depth	IS 1367 Part -3
403	MECHANICAL- METALLOGRAPHY TEST	Ferrous material, alloys & products (Fastners)	Decarburization Depth	IS 1367 Part - 3
404	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials(Cast Iron)	Micro structure Test	ASTM A 247
405	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials(Cast Iron)	Micro structure Test	IS 7754
406	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials(Cast Iron)	Micro structure Test	ISO 945 Part 1 & 4
407	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials, alloys & products	Decarburization Depth by Microscopic Method (Steel Products)	ASTM E 1077
408	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials, alloys & products	Decarburization Depth by Microscopic Method (Steel Products)	IS 6396
409	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials, alloys & products	Ferrite %	ASTM A799

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National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11488

Page No

26 of 30

Validity

23/03/2025 to 22/03/2029

Last Amended on

13/04/2025

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
410	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Ferrite %	ASTM A800/A800M
411	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Ferrite %	ASTM E1245
412	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Grain Size No.	ASTM E 112
413	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Grain Size No.	IS 4748
414	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Grain Size No.	ISO 643
415	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Hydrogen Induced Cracking Test	NACE TM 0284
416	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Inclusion Rating (Steel Products)	ASTM E 45
417	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Inclusion Rating (Steel Products)	IS 4163
418	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Inclusion Rating (Steel Products)	ISO 4967
419	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Macro etch Test	ASM Vol.-9
420	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Macro etch Test	ASTM E 381
421	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Macro etch Test	IS 11371
422	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Micro structure	ASM Handbook Vol- 9
423	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Plating Thickness on ferrous metal	ASTM B 487
424	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Plating Thickness on ferrous metal	IS 3203
425	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Sulfide Stress Corrosion Crack Test - Method A	NACE TM 0177
426	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Volume Fraction%	ASTM E 562
427	MECHANICAL-METALLOGRAPHY TEST	Nickel materials, alloys & product	Pitting Corrosion Test (Method A / Method B)	ASTM G-28-2
428	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous materials, alloys & product	Micro structure	ASM Handbook Vol- 9
429	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous materials, alloys & product	Plating Thickness on Nonferrous metal	ASTM B 487



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11488

Page No

27 of 30

Validity

23/03/2025 to 22/03/2029

Last Amended on

13/04/2025

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
430	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous materials, alloys & product	Plating Thickness on Nonferrous metal	IS 3203
431	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	Crevice Corrosion test(Method B)	ASTM G48
432	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	IGC (Intergranular Corrosion test)	IS10461(Part-1)
433	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	IGC (Intergranular Corrosion test)	IS10461(Part-2)
434	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	IGC (Intergranular Corrosion test)	ISO 3651-1
435	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	IGC (Intergranular Corrosion test)	ISO 3651-2
436	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	IGC (Intergranular Corrosion test) Practice-A	ASTM A 262
437	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	IGC (Intergranular Corrosion test) Practice-B	ASTM A 262
438	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	IGC (Intergranular Corrosion test) Practice-C	ASTM A 262
439	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	IGC (Intergranular Corrosion test) Practice-E	ASTM A 262
440	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	IGC (Intergranular Corrosion test) Practice-W	ASTM A 763
441	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	IGC (Intergranular Corrosion test) Practice-X	ASTM A 763
442	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	IGC (Intergranular Corrosion test) Practice-Y	ASTM A 763
443	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	IGC (Intergranular Corrosion test) Practice-Z	ASTM A 763
444	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	Microstructure Test (Method - A)	ASTM A 923
445	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	Pitting Corrosion Test (Method - C)	ASTM A 923
446	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	Pitting Corrosion Test (Method A)	ASTM G 48
447	MECHANICAL-METALLOGRAPHY TEST	Stainless steel materials & product	Stress corrosion Cracking Resistance Test	ASTM G 36
448	MECHANICAL-METALLOGRAPHY TEST	Welds & welded test specimens	Macro / Micro Examination	AWS D.1.2
449	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded test specimens	Macro Examination	IS 7307 part-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SD TESTING & CALIBRATION LABORATORY PRIVATE LIMITED, CS - 1/5,
LOWER GROUND & TOP FLOOR, GYAN KHAND - 3, INDRAPURAM,
GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11488

Page No

28 of 30

Validity

23/03/2025 to 22/03/2029

Last Amended on

13/04/2025

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
450	MECHANICAL- METALLOGRAPHY TEST	Welds & Welded test specimens	Macro/Micro Examination	API 1104
451	MECHANICAL- METALLOGRAPHY TEST	Welds & Welded test specimens	Macro/Micro Examination	ASME Sec.- IX
452	MECHANICAL- METALLOGRAPHY TEST	Welds & Welded test specimens	Macro/Micro Examination	AWS D 1.1
453	MECHANICAL- METALLOGRAPHY TEST	Welds & Welded test specimens	Macro/Micro Examination	BS EN 1321
454	MECHANICAL- METALLOGRAPHY TEST	Welds & Welded test specimens	Macro/Micro Examination	BS EN ISO 17639
455	MECHANICAL- METALLOGRAPHY TEST	Welds & Welded test specimens	Macro/Micro Examination	BS EN ISO 5817
456	MECHANICAL- METALLOGRAPHY TEST	Welds & Welded test specimens	Macro/Micro Examination	IS 2825
457	MECHANICAL- METALLOGRAPHY TEST	Welds & Welded test specimens	Macro/Micro Examination	IS 3600 part-9
458	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cross Linked Polyethylene / Poly Urethane Foam / Polystyrene Finished Products	Tensile Strength	ASTM D638
459	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & Polymers	Vicat softening temperature	ASTM D1525
460	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Izod Impact	ASTM D256
461	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Izod Impact	ISO 180
462	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Hardness (Shore A)	ASTM D2240
463	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Hardness (Shore A)	IS:13360, Part-5,Sec.-11
464	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Hardness (Shore D)	ASTM D2240
465	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Hardness (Shore D)	IS:13360, Part-5,Sec.-11
466	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Heat Deflection / Distortion temperature (HDT)	ASTM D648
467	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Heat Deflection / Distortion temperature (HDT)	ISO 75 (part 1, 2 & 3
468	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Melt Flow Rate	ASTM D1238
469	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Melt Flow Rate	IS:13360, Part-4,Sec-1



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GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11488

Page No

29 of 30

Validity

23/03/2025 to 22/03/2029

Last Amended on

13/04/2025

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
470	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Melt Flow Rate	ISO 1133-1
471	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Flammability	FMVSS 302
472	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Flammability	UL 94
473	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Elongation (%)	ASTM D638
474	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Elongation (%)	ISO 527 (Part1 & 2)
475	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Elongation at break	ASTM D638
476	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Elongation at break	ISO 527 (Part1 & 2)
477	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Elongation at Yield	ASTM D412
478	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Elongation at Yield	ASTM D638
479	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Elongation at Yield	ISO 527 (Part1 & 2)
480	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Tensile Strength	ISO 527 (Part1 & 2)
481	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Tensile Strength at Break	ASTM D638
482	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Tensile Strength at Break	ISO 527 (Part1 & 2)
483	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Yield Strength	ASTM D638
484	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics (Plastic products / Moulding compounds / Thermoplastic /Composites / Resins / Pipes Sheets etc.)	Yield Strength	ISO 527 (Part1 & 2)
485	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics and Polymers	Vicat softening temperature	IS 13360(Part - 6, section - 1)
486	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics and Polymers	Vicat softening temperature	ISO 306
487	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer matrix composite materials reinforced by high-modulus fibers.	Compressive Properties	ASTM D3410
488	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer matrix composite materials reinforced by high-modulus fibers.	Tensile Strength	ASTM D3039
489	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer/Plastic	Charpy Impact	ASTM D 6110



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30 of 30

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490	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer/Plastic	Charpy Impact	ISO 179 (Part 1,2)
491	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer/Plastic	Charpy Pendulum Impact Test	IS 13360 (Part-5 / Sec-5)
492	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic moulding, extrusion and casting materials, including filled and reinforced compounds in addition to unfilled types; rigid thermoplastics sheets	Flexural Strength	ISO 178
493	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unreinforced and Reinforced Plastics and Electrical Insulating Materials	Flexural Strength	ASTM D790
494	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate / Rubber product / Rubber composites	Compression Set	IS 3400 (Part 10) sec 1
495	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate / Rubber product / Rubber composites	Elongation at break	ASTM D412-16: Method - A, Die - C
496	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate / Rubber product / Rubber composites	Elongation at break	IS 3400 : Part 1
497	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate / Rubber product / Rubber composites	Elongation at break	ISO 37
498	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate / Rubber product / Rubber composites	Tear Strength	ASTM D624-00(2020) : Die - C
499	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate / Rubber product / Rubber composites	Tensile Strength	ASTM D412-16 : Method - A, Die - C
500	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate / Rubber product / Rubber composites	Tensile Strength	IS 3400 : Part 1
501	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate / Rubber product / Rubber composites	Tensile Strength	ISO 37