National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SIDDHARTHA SPECTRO PRIVATE LIMITED, PLOT NO. 20, NEW MANDOLI INDUSTRIAL AREA, SHAHDARA, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7270 **Page No** 1 of 15

Validity 10/09/2022 to 09/09/2024 **Last Amended on** 20/10/2022

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- CORROSION TESTS	Anodized Products / Panels	Salt Spray Test (CASS)	ASTM B368
2	CHEMICAL- CORROSION TESTS	Anodized Products / Panels	Salt Spray Test (CASS)	IS 5528
3	CHEMICAL- CORROSION TESTS	Coated Products / Panels	Salt Spray Test (CASS)	ASTM B368
4	CHEMICAL- CORROSION TESTS	Coated Products / Panels	Salt Spray Test (CASS)	IS 5528
5	CHEMICAL- CORROSION TESTS	Coated Products / Panels	Salt Spray Test (CASS)	ISO 9227
6	CHEMICAL- CORROSION TESTS	Coated Products / Panels	Salt Spray Test (NSS)	ISO 9227
7	CHEMICAL- CORROSION TESTS	Coated Products / Panels	Salt Spray Test(NSS)	ASTM B117
8	CHEMICAL- CORROSION TESTS	Galvanized Products / Panels	Salt Spray Test (CASS)	ISO 9227
9	CHEMICAL- CORROSION TESTS	Galvanized Products / Panels	Salt Spray Test (NSS)	ISO 9227
10	CHEMICAL- CORROSION TESTS	Painted Products / Panels	Salt Spray Test (CASS)	IS 5528
11	CHEMICAL- CORROSION TESTS	Painted Products / Panels	Salt Spray Test (NSS)	ASTM B117
12	CHEMICAL- CORROSION TESTS	Plastic and Polymer Components	Salt Spray Test (CASS)	ISO 9227
13	CHEMICAL- CORROSION TESTS	Plastic and Polymer Components	Salt Spray Test (NSS)	ASTM B117
14	CHEMICAL- CORROSION TESTS	Plastic and Polymer Components	Salt Spray Test (NSS)	ISO 9227
15	CHEMICAL- CORROSION TESTS	Plated Products / Panels	Salt Spray Test (CASS)	ASTM B368
16	CHEMICAL- CORROSION TESTS	Plated Products / Panels	Salt Spray Test (CASS)	IS 5528
17	CHEMICAL- CORROSION TESTS	Plated Products / Panels	Salt Spray Test (CASS)	ISO 9227
18	CHEMICAL- CORROSION TESTS	Plated Products / Panels	Salt Spray Test (NSS)	ASTM B117

SCOPE OF ACCREDITATION

Laboratory Name :	SIDDHARTHA SPECTRO PRIVATE LIMITED, PLOT NO. 20, NEW MANDOLI INDUSTRIAL AREA, SHAHDARA, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7270	**Page No**	2 of 15
Validity	10/09/2022 to 09/09/2024	**Last Amended on**	20/10/2022

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
19	CHEMICAL- CORROSION TESTS	Plated Products / Panels	Salt Spray Test (NSS)	ISO 9227
20	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous materials, alloys & products	Phosphate Coating Test	IS 3618
21	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous Metals & Alloys	Adhesion of Coating (Knife Test)	IS:2629
22	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous Metals & Alloys	Mass of Zinc Coating	IS:6745
23	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous Metals & Alloys	Uniformity of Zinc Coating	IS:2633
24	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Chromium	ASTM E1251
25	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Copper	ASTM E1251
26	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Iron	ASTM E1251
27	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Lead	ASTM E1251
28	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Magnesium	ASTM E1251
29	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Manganese	ASTM E1251
30	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Nickel	ASTM E1251
31	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Silicon	ASTM E1251
32	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Tin	ASTM E1251
33	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Titanium	ASTM E1251
34	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Vanadium	ASTM E1251
35	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Zinc	ASTM E1251

SCOPE OF ACCREDITATION

Laboratory Name :	SIDDHARTHA SPECTRO PRIVATE LIMITED, PLOT NO. 20, NEW MANDOLI INDUSTRIAL AREA, SHAHDARA, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7270	**Page No**	3 of 15
Validity	10/09/2022 to 09/09/2024	**Last Amended on**	20/10/2022

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
36	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	JIS G 1253
37	CHEMICAL- METALS & ALLOYS	Cast Iron	Antimony	JIS G 1253
38	CHEMICAL- METALS & ALLOYS	Cast Iron	Arsenic	JIS G 1253
39	CHEMICAL- METALS & ALLOYS	Cast Iron	Boron	JIS G 1253
40	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E1999
41	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	JIS G 1253
42	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E1999
43	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	JIS G 1253
44	CHEMICAL- METALS & ALLOYS	Cast Iron	Cobalt	JIS G 1253
45	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E1999
46	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	JIS G 1253
47	CHEMICAL- METALS & ALLOYS	Cast Iron	Lead	JIS G 1253
48	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E1999
49	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	JIS G 1253
50	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E1999
51	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	JIS G 1253
52	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E1999
53	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	JIS G 1253
54	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	ASTM E1999

SCOPE OF ACCREDITATION

Laboratory Name : SIDDHARTHA SPECTRO PRIVATE LIMITED, PLOT NO. 20, NEW MANDOLI INDUSTRIAL AREA, SHAHDARA, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7270 **Page No** 4 of 15

Validity 10/09/2022 to 09/09/2024 **Last Amended on** 20/10/2022

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
55	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	JIS G 1253
56	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E1999
57	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	JIS G 1253
58	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	ASTM E1999
59	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	JIS G 1253
60	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	ASTM E1999
61	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	JIS G 1253
62	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	ASTM E1999
63	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	JIS G 1253
64	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	JIS G 1253
65	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Aluminium	IS EN 15079
66	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Antimony	IS EN 15079
67	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Arsenic	IS EN 15079
68	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Bismuth	IS EN 15079
69	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Iron	IS EN 15079
70	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Lead	IS EN 15079
71	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Manganese	IS EN 15079
72	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Nickel	IS EN 15079
73	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Phosphorus	IS EN 15079

SCOPE OF ACCREDITATION

Laboratory Name :	SIDDHARTHA SPECTRO PRIVATE LIMITED, PLOT NO. 20, NEW MANDOLI INDUSTRIAL AREA, SHAHDARA, DELHI, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7270
Page No	5 of 15
Validity	10/09/2022 to 09/09/2024
Last Amended on	20/10/2022

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
74	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Sulphur	IS EN 15079
75	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Tin	IS EN 15079
76	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Zinc	IS EN 15079
77	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	JIS G 1253
78	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
79	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G 1253
80	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
81	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G 1253
82	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	JIS G 1253
83	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
84	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS G 1253
85	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
86	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G 1253
87	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS:9879
88	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G 1253
89	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
90	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G 1253
91	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	JIS G 1253
92	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879

SCOPE OF ACCREDITATION

Laboratory Name :	SIDDHARTHA SPECTRO PRIVATE LIMITED, PLOT NO. 20, NEW MANDOLI INDUSTRIAL AREA, SHAHDARA, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7270	**Page No**	6 of 15
Validity	10/09/2022 to 09/09/2024	**Last Amended on**	20/10/2022

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
93	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	JIS G 1253
94	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
95	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	JIS G 1253
96	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
97	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JIS G 1253
98	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G 1253
99	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	JIS G 1253
100	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS G 1253
101	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Aluminium	JIS G 1253
102	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Antimony	ASTM E415
103	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Boron	JIS G 1253
104	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Carbon	JIS G 1253
105	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Chromium	JIS G 1253
106	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Cobalt	JIS G 1253
107	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Copper	JIS G 1253
108	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Lead	JIS G 1253
109	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Manganese	JIS G 1253
110	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Molybdenum	JIS G 1253
111	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Nickel	JIS G 1253

SCOPE OF ACCREDITATION

Laboratory Name :	SIDDHARTHA SPECTRO PRIVATE LIMITED, PLOT NO. 20, NEW MANDOLI INDUSTRIAL AREA, SHAHDARA, DELHI, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7270
Page No	7 of 15
Validity	10/09/2022 to 09/09/2024
Last Amended on	20/10/2022

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
112	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Niobium	JIS G 1253
113	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Phosphorus	JIS G 1253
114	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Silicon	JIS G 1253
115	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Sulphur	JIS G 1253
116	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Tin	JIS G 1253
117	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Titanium	JIS G 1253
118	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Vanadium	JIS G 1253
119	CHEMICAL- METALS & ALLOYS	Steel (Low Alloy & Carbon Steel)	Zirconium	JIS G 1253
120	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Carbon Steel)	Aluminium	ASTM E415
121	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Carbon Steel)	Boron	ASTM E415
122	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Carbon Steel)	Carbon	ASTM E415
123	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Carbon Steel)	Chromium	ASTM E415
124	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Carbon Steel)	Cobalt	ASTM E415
125	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Carbon Steel)	Copper	ASTM E415
126	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Carbon Steel)	Manganese	ASTM E415
127	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Carbon Steel)	Molybdenum	ASTM E415
128	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Carbon Steel)	Nickel	ASTM E415
129	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Carbon Steel)	Niobium	ASTM E415
130	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Carbon Steel)	Phosphorus	ASTM E415

SCOPE OF ACCREDITATION

Laboratory Name : SIDDHARTHA SPECTRO PRIVATE LIMITED, PLOT NO. 20, NEW MANDOLI INDUSTRIAL AREA, SHAHDARA, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7270 **Page No** 8 of 15

Validity 10/09/2022 to 09/09/2024 **Last Amended on** 20/10/2022

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
131	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Carbon Steel)	Silicon	ASTM E415
132	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Carbon Steel)	Sulphur	ASTM E415
133	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Carbon Steel)	Tin	ASTM E415
134	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Carbon Steel)	Titanium	ASTM E415
135	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Carbon Steel)	Vanadium	ASTM E415
136	CHEMICAL- METALS & ALLOYS	Steel (Low Alloys & Steel)	Titanium	ASTM E 415
137	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Aluminium	IS 2599
138	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Cadmium	IS 2599
139	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Copper	IS 2599
140	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Iron	IS 2599
141	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Lead	IS 2599
142	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Magnesium	IS 2599
143	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Manganese	S.S/SOP/Zn-1 (Issue Dt-24.04.18)
144	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Nickel	S.S/SOP/Zn-1 (Issue Dt-24.04.18)
145	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Tin	IS 2599
146	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	0.2% Proof Stress	IS 1608-1
147	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	Bend Test (Mandrel Diameter: 4mm, 6mm, 8mm, 12mm, 16mm, 20mm, 24mm, 36mm, 50 mm)	IS 1599

SCOPE OF ACCREDITATION

Laboratory Name :	SIDDHARTHA SPECTRO PRIVATE LIMITED, PLOT NO. 20, NEW MANDOLI INDUSTRIAL AREA, SHAHDARA, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7270	**Page No**	9 of 15
Validity	10/09/2022 to 09/09/2024	**Last Amended on**	20/10/2022

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
148	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	Brinell Hardness (2.5/187.5)	IS 1501 (Part-1)
149	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	Brinell Hardness Test (10/3000)	IS 1500 (Part 1)
150	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	Brinell Hardness Test (HBW5/750)	IS 1501(Part-1)
151	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	Elongation	ASTM E8/E8M
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	Elongation	IS 1608-1
153	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	Flattening Test	IS 2328
154	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	Reduction of Area	ASTM E8/8M
155	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	Reduction of Area	IS 1608-1
156	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	Rockwell Hardness Test (C-Scale)	IS 1586 (Part 1)
157	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	Rockwell Hardness Test (HRBW)	IS 1586 (Part 1)
158	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	Tensile Strength	ASTM E8/E8M
159	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	Tensile Strength	IS 1608-1
160	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	Vickers Hardness Test(HV0.3)	IS 1501 (Part 1)
161	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	Yield Stress by extensometer method	ASTM E8/E8M

SCOPE OF ACCREDITATION

Laboratory Name : SIDDHARTHA SPECTRO PRIVATE LIMITED, PLOT NO. 20, NEW MANDOLI INDUSTRIAL AREA, SHAHDARA, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7270 **Page No** 10 of 15

Validity 10/09/2022 to 09/09/2024 **Last Amended on** 20/10/2022

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
162	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & its Alloys	Yield Stress by offset method (software)	IS 1608-1
163	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	Breaking Load Test	ASTM E8/E8M
164	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	Breaking Load Test	IS 1608 (Part-1)
165	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	Vickers hardness Test(HV0.5)	IS:1501(PART-1)
166	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	Vickers Hardness Test(HV1)	IS:1501(PART-1)
167	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	Vickers Hardness Test(HV10)	IS:1501(Part-1)
168	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	Vickers Hardness Test(HV30)	IS:1501(Part-1)
169	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	Vickers Hardness Test(HV5)	IS:1501(Part-1)
170	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Breaking Load Test	ASTM E8/E8M
171	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Breaking Load Test	IS 1608 (Part-1)
172	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness Test(HV0.5)	IS:1501(Part-1)
173	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness Test(HV1)	IS:1501(Part-1)
174	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness Test(HV10)	IS:1501(Part-1)
175	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness Test(HV30)	IS:1501(Part-1)

SCOPE OF ACCREDITATION

Laboratory Name : SIDDHARTHA SPECTRO PRIVATE LIMITED, PLOT NO. 20, NEW MANDOLI INDUSTRIAL AREA, SHAHDARA, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7270 **Page No** 11 of 15

Validity 10/09/2022 to 09/09/2024 **Last Amended on** 20/10/2022

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
176	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness Test(HV5)	IS:1501(Part-1)
177	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.2% Proof Stress	IS 1608-1
178	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Brinell Hardness Test	IS 1500 (Part 1)
179	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Brinell Hardness Test (10/3000)	IS 1501 (Part-1)
180	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Brinell Hardness Test (2.5/187.5)	IS 1501 (Part-1)
181	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Brinell Hardness Test (5/750)	IS 1501(Part-1)
182	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Drifting Test	IS 2335
183	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Elongation	ASTM E8/E8M
184	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Elongation	IS 1608-1
185	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Flattening Test	IS 2328
186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Reduction of Area	ASTM E8/E8M
187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Reduction of Area	IS 1608-1
188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Rockwell Hardness Test (HRBW)	IS 1586 (Part 1)
189	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Rockwell hardness Test (HRC)	IS 1586 (Pt-1)

SCOPE OF ACCREDITATION

Laboratory Name : SIDDHARTHA SPECTRO PRIVATE LIMITED, PLOT NO. 20, NEW MANDOLI INDUSTRIAL AREA, SHAHDARA, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7270 **Page No** 12 of 15

Validity 10/09/2022 to 09/09/2024 **Last Amended on** 20/10/2022

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
190	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Strength	ASTM E8/E8M
191	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Strength	IS 1608-1
192	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness Test(HV0.3)	IS 1501 (Part 1)
193	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Yield Stress	ASTM E8/E8M
194	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Yield Stress	IS 1608-1
195	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Yield stress by extensometer method	ASTM E8/E8M
196	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys- Fasteners	Proof Load Test	IS 1367 (Part 14)
197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys- Fasteners	Proof Load Test	IS 1367 (Part 6)
198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys- Fasteners	Proof Load Test	IS 1367(Part 3)
199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys- Fasteners	Tensile Strength	IS 1367 (Part 14)
200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys- Fasteners	Tensile Strength	IS 1367 (Part 3)
201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals and Alloys	Bend Test (Mandrel Diameter: 4mm, 6mm, 8mm, 12mm, 16mm, 20mm, 24mm, 36mm, 50 mm)	IS 1599
202	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous materials, alloys & products	Breaking Load Test	ASTM E8/E8M

SCOPE OF ACCREDITATION

Laboratory Name : SIDDHARTHA SPECTRO PRIVATE LIMITED, PLOT NO. 20, NEW MANDOLI INDUSTRIAL AREA, SHAHDARA, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7270 **Page No** 13 of 15

Validity 10/09/2022 to 09/09/2024 **Last Amended on** 20/10/2022

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
203	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	0.2% Proof Stress	IS 1608-1
204	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Bend Test (Mandrel Diameter: 4mm, 6mm, 8mm, 12mm, 16mm, 20mm, 24mm, 36mm, 50 mm)	IS 1599
205	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Brinell Hardness Test (10/3000)	IS 1500 (Part 1)
206	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Brinell Hardness Test (2.5/187.5)	IS 1501 (Part-1)
207	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Brinell Hardness Test (5/750)	IS 1501 (Part-1)
208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Drifting Test	IS 2335
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Elongation	ASTM E8/E8M
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Elongation	IS 1608-1
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Flattening Test	IS 2328
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Reduction of Area	ASTM E8/E8M
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Reduction of Area	IS 1608-1
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Rockwell Hardness Test (HRBW)	IS 1586 (Part 1)
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Rockwell Hardness Test (HRC)	IS 1586 (Pt-1)

SCOPE OF ACCREDITATION

Laboratory Name :	SIDDHARTHA SPECTRO PRIVATE LIMITED, PLOT NO. 20, NEW MANDOLI INDUSTRIAL AREA, SHAHDARA, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7270	**Page No**	14 of 15
Validity	10/09/2022 to 09/09/2024	**Last Amended on**	20/10/2022

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
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Tensile Strength	ASTM E8/E8M
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Tensile Strength	IS 1608-1
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Vickers Hardness Test(HV0.3)	IS 1501 (Pt-1)
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Yield Stress	ASTM E8/E8M
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Yield Stress	IS 1608-1
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Yield Stress by extensometer method	ASTM E8/E8M
222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous metals, alloys & products	Breaking Load Test	IS 1608 (Part-1)
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Vickers Hardness Test(HV0.5)	IS:1501(Part-1)
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Vickers Hardness Test(HV1)	IS:1501(Part-1)
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Vickers Hardness Test(HV10)	IS:1501(Part-1)
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Vickers Hardness Test(HV30)	IS:1501(Part-1)
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Vickers Hardness Test(HV5)	IS:1501(Part-1)
228	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Designation of Microstructure of Graphite in Cast Iron(size,type & distribution) by chart comparison method	IS 7754
229	MECHANICAL-METALLOGRAPHY TEST	Copper materials, alloys & products	Microstructure Evaluation	ASM Handbook Vol.9

SCOPE OF ACCREDITATION

Laboratory Name : SIDDHARTHA SPECTRO PRIVATE LIMITED, PLOT NO. 20, NEW MANDOLI INDUSTRIAL AREA, SHAHDARA, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7270 **Page No** 15 of 15

Validity 10/09/2022 to 09/09/2024 **Last Amended on** 20/10/2022

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
230	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non-Ferrous Metals & Alloys	Measurement of Metal and Oxide Coating/Plating Thickness by Microscopic Examination	ASTM B487
231	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Average Grain Size measurement by Comparison Method	ASTM E112
232	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Effective Case Depth (ECD) by Hardness Method	IS 6416
233	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Microstructure evaluation	ASM Handbook Vol.9
234	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Total Case Depth Test	IS 6416
235	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Average Grain Size Measurement by Comparison Method	IS 4748
236	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Depth of Decarburization Test	IS 6396
237	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Inclusion Rating by Method A	ASTM E45
238	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Inclusion Rating by method A	IS 4163