



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

1 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
LOCATION 1-MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA Permanent Facility				
1	CHEMICAL- CORROSION TESTS	Metals & Alloys	Salt Spray Test	ASTM B117
2	CHEMICAL- CORROSION TESTS	Metals & Alloys	Salt spray test	ISO 9227 METHOD A
3	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL PRODUCT	Mass of zinc coating	IS 6745
4	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL PRODUCT	Adhesion Test	IS 2629 clause 6.4.2
5	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL PRODUCT	Mass of Zinc Coating	AS 2331:2.1 Method A
6	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL PRODUCT	Mass of Zinc Coating	ASTM A90/90M
7	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL PRODUCT	Uniformity of Zinc Coating	ASTM A-239
8	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL PRODUCT	Uniformity of Zinc Coating	IS 2633
9	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Magnesium	ASTM E1251
10	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Manganese	ASTM E1251
11	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Silicon	ASTM E1251
12	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Tin	ASTM E1251
13	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Titanium	ASTM E1251
14	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Vanadium	ASTM E1251
15	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Zinc	ASTM E1251
16	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Zinc	ASTM E1251



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ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

2 of 56

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17	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Chromium	ASTM E1251
18	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Copper	ASTM E1251
19	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Iron	ASTM E1251
20	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Lead	ASTM E1251
21	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Magnesium	ASTM E1251
22	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Manganese	ASTM E1251
23	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Silicon	ASTM E1251
24	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Copper	ASTM E1251
25	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Zinc	ASTM E1251
26	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Silicon	ASTM E34 (Withdrawn standard)
27	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Silicon	IS 504 (Part 1)
28	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Beryllium	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
29	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Bismuth	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
30	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Cadmium	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
31	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Chromium	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
32	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Copper	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
33	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Gallium	SOPNo. MSPL/SOP/25/F Issue No. 02 February 27, 2018
34	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Iron	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
35	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Lead	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018



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ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

3 of 56

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15/07/2021 to 14/07/2023

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36	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Magnesium	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
37	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Manganese	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
38	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Nickel	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
39	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Strontium	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
40	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Tin	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
41	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Titanium	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
42	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Vanadium	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
43	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Zinc	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
44	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Zirconium	SOPNo. MSPL/SOP/25F IssueNo.02 February 27, 2018
45	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Nickel	ASTM E1251
46	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Copper	ASTM E1251
47	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Copper	ASTM E1251
48	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Iron	ASTM E1251
49	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Iron	ASTM E1251
50	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Iron	ASTM E1251
51	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Magnesium	ASTM E1251
52	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Magnesium	ASTM E1251
53	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Manganese	ASTM E1251
54	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Manganese	ASTM E1251



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

4 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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55	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Silicon	ASTM E1251
56	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Tin	ASTM E1251
57	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Zinc	ASTM E1251
58	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Silicon	ASTM E1251
59	CHEMICAL- METALS & ALLOYS	Aluminum Alloys	Silicon	IS 504 (Part 1)
60	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	ASTM E350
61	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	IS 228 (Part 2)
62	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.01 April 14, 2016
63	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Niobium +Tantalum (as Niobium)	SOPNo. MSPL/SOP/28 IssueNo.06 February 27, 2018
64	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	ASTM E350
65	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Tungsten	SOPNo. MSPL/SOP/13 IssueNo.06 February 27, 2018
66	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	SOPNo. MSPL/SOP/14 IssueNo.06 February 27, 2018
67	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	IS 228 (Part 6)
68	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	ASTM E350
69	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	IS 228 (Part 7)
70	CHEMICAL- METALS & ALLOYS	Carbon Steel & low Alloy Steel	Nickel	ASTM E350
71	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nickel	IS 228 (Part 5)
72	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	SOPNo. MSPL/SOP/30 IssueNo.06 February 27, 2018
73	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Phosphorus	ASTM E350



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

5 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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74	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Niobium +Tantalum (as Niobium)	SOPNo. MSPL/SOP/28 IssueNo.06 February 27, 2018
75	CHEMICAL- METALS & ALLOYS	Carbon steel & Low Alloy Steel	Phosphorus	IS 228 (Part 3)
76	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	IS 228 (Part 7)
77	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.01 April 14, 2016
78	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	ASTM E350
79	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	IS 228 (Part 8)
80	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	SOPNo. MSPL/SOP/14 IssueNo.06 February 27, 2018
81	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	IS 12308 (Part 9)
82	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E351
83	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E351
84	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E351
85	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 12308 (Part 7)
86	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	ASTM E351
87	CHEMICAL- METALS & ALLOYS	Cast Iron	chromium	IS 12308 (Part 8)
88	CHEMICAL- METALS & ALLOYS	Cast Iron	Managanese	IS 12308 (Part 10)
89	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.06 February 27, 2018
90	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	IS 12308 (Part 5)
91	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 12308 (Part 6)
92	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	IS 12308 (Part 9)



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Certificate Number	TC-7586	Page No	6 of 56
Validity	15/07/2021 to 14/07/2023	Last Amended on	20/07/2021

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93	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E351
94	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E351
95	CHEMICAL- METALS & ALLOYS	Cast Iron	nickel	IS 12308 (Part 7)
96	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E351
97	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E351
98	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	SOPNo.MSPL/SOP/07 IssueNo.06 February 27, 2018
99	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 12308 (Part 7)
100	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	ASTM E351
101	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E351
102	CHEMICAL- METALS & ALLOYS	Copper	Carbon Film Test	BS EN-1057
103	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Tin	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
104	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Bismuth	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
105	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Chromium	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
106	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Copper	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
107	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Iron	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
108	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Lead	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
109	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Nickel	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
110	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Phosphorous	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
111	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Silicon	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018



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ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

7 of 56

Validity

15/07/2021 to 14/07/2023

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20/07/2021

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112	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Sulphur	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
113	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Zinc	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
114	CHEMICAL- METALS & ALLOYS	Copper Alloy	Lead (Electrolysis)	IS 4027 (Part 1)
115	CHEMICAL- METALS & ALLOYS	Copper Alloy	Copper (Electrolysis)	SOPNo. MSPL/SOP/29 IssueNo.06 February 27, 2018
116	CHEMICAL- METALS & ALLOYS	Copper Alloy	Copper (Electrolysis)	IS 4027 (Part 1)
117	CHEMICAL- METALS & ALLOYS	Copper Alloy	Copper (Electrolysis)	SOPNo. MSPL/SOP/29 IssueNo.02 February 27, 2018
118	CHEMICAL- METALS & ALLOYS	Copper Alloy	Aluminium	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
119	CHEMICAL- METALS & ALLOYS	Copper Alloy	Aluminium	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
120	CHEMICAL- METALS & ALLOYS	Copper Alloy	Antimony	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
121	CHEMICAL- METALS & ALLOYS	Copper Alloy	Arsenic	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
122	CHEMICAL- METALS & ALLOYS	Copper Alloy	Arsenic	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
123	CHEMICAL- METALS & ALLOYS	Copper Alloy	Cadmium	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
124	CHEMICAL- METALS & ALLOYS	Copper Alloy	Copper (Electrolysis)	ASTM E53
125	CHEMICAL- METALS & ALLOYS	Copper Alloy	Copper (Electrolysis)	IS 3685
126	CHEMICAL- METALS & ALLOYS	Copper Alloy	Lead	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
127	CHEMICAL- METALS & ALLOYS	Copper Alloy	Magnesium	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
128	CHEMICAL- METALS & ALLOYS	Copper Alloy	Manganese	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
129	CHEMICAL- METALS & ALLOYS	Copper Alloy	Nickel	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
130	CHEMICAL- METALS & ALLOYS	Copper Alloy	Nickel	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018



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Page No

8 of 56

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131	CHEMICAL- METALS & ALLOYS	Copper Alloy	Phosphorous	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
132	CHEMICAL- METALS & ALLOYS	Copper Alloy	Selenium	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
133	CHEMICAL- METALS & ALLOYS	Copper Alloy	Tellurium	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
134	CHEMICAL- METALS & ALLOYS	Copper Alloy	Tin	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
135	CHEMICAL- METALS & ALLOYS	Copper Alloy	Zinc	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
136	CHEMICAL- METALS & ALLOYS	Copper Alloys	Lead	SOPNo. MSPL/SOP/29 IssueNo.06 February 27, 2018
137	CHEMICAL- METALS & ALLOYS	Copper Alloys	Lead (Electrolysis)	IS 3685
138	CHEMICAL- METALS & ALLOYS	Copper Alloys	Phosphorous	IS 3685
139	CHEMICAL- METALS & ALLOYS	Copper Alloys	Tin	ASTM E478
140	CHEMICAL- METALS & ALLOYS	Copper Alloys (Gas Element in Metal & Metal Alloys)	Oxygen	ASTM E2575
141	CHEMICAL- METALS & ALLOYS	Copper Alloys (Gas Element in Metal & Metal Alloys)	Sulfur	ASTM E1019
142	CHEMICAL- METALS & ALLOYS	Copper alloys	Silicon	ASTM E54 (Withdrawn Standard)
143	CHEMICAL- METALS & ALLOYS	Copper Alloys	Beryllium	ASTM E2824
144	CHEMICAL- METALS & ALLOYS	Copper Alloys	Nickel	ASTM E478
145	CHEMICAL- METALS & ALLOYS	Copper Alloys	Bismuth	SOPNo. MSPL/SOP/25C IssueNo.02 February 27, 2018
146	CHEMICAL- METALS & ALLOYS	Copper Alloys	Iron	SOPNO. MSPL/SOP/25C Issue No. 02 February 27, 2018
147	CHEMICAL- METALS & ALLOYS	Copper Alloys	Nickel	ASTM E478
148	CHEMICAL- METALS & ALLOYS	Copper Alloys (Gas Element in Metal & Metal Alloys)	Oxygen	ASTM E2575
149	CHEMICAL- METALS & ALLOYS	Copper Alloys (Gas Element in Metal & Metal Alloys)	Oxygen	ASTM E2575



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9 of 56

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150	CHEMICAL- METALS & ALLOYS	Copper Alloys (Gas Element in Metal & Metal Alloys)	Sulfur	ASTM E1019
151	CHEMICAL- METALS & ALLOYS	Copper Base	Mercurous Nitrate Test For Crack detection	ASTM B154
152	CHEMICAL- METALS & ALLOYS	Copper Base	Mercurous Nitrate Test For Crack detection	IS 2305
153	CHEMICAL- METALS & ALLOYS	Copper Base	Mercurous Nitrate Test For Crack detection	BS 2874
154	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze ,Al. Bronze, Gun metal, Phosphor Bronze)	Lead	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
155	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze ,Al. Bronze, Gun metal, Phosphor Bronze)	Phosphorous	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
156	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze ,Al. Bronze, Gun metal, Phosphor Bronze)	Zinc	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
157	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze ,Al. Bronze, Gun metal, Phosphor Bronze)	Zinc	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
158	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze ,Al. Bronze, Gun metal, Phosphor Bronze)	Nickel	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
159	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze ,Al. Bronze, Gun metal, Phosphor Bronze)	Nickel	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
160	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun Metal, Phosphor Bronze)	Arsenic	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
161	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Bismuth	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
162	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Copper	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
163	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Iron	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
164	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Iron	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
165	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Lead	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
166	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Lead	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
167	CHEMICAL- METALS & ALLOYS	Copper base Alloy (Brass, Bronze, Al. Bronze, Gun Metal, Phosphor Bronze)	Manganese	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
168	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Nickel	SOPNo.MSPL/SOP/33 IssueNo.02 February27



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7586	Page No	10 of 56
Validity	15/07/2021 to 14/07/2023	Last Amended on	20/07/2021

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
169	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Iron	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
170	CHEMICAL- METALS & ALLOYS	Copper Base Alloy (Brass, Bronze, Al.Bronze, Gun Metal, Phosphor Bronze)	Aluminium	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
171	CHEMICAL- METALS & ALLOYS	Copper Base Alloy) Brass, Bronze, Al. Bronze, Gun metal, Phosphor Bronze)	Zinc	SOPNo. MSPL/SOP/33 IssueNo.02 February 27, 2018
172	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Arsenic	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
173	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Zirconium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
174	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Antimony	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
175	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Antimony	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
176	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Boron	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
177	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Boron	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
178	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Lead	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
179	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Magnesium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
180	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Nickel	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
181	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Nickel	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
182	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Nickel	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
183	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Niobium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
184	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Phosphorous	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
185	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Phosphorous	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
186	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Tin	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
187	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Titanium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

11 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
188	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Titanium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
189	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Vanadium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
190	CHEMICAL- METALS & ALLOYS	Iron / Nickel Alloys	Zirconium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
191	CHEMICAL- METALS & ALLOYS	Iron /Nickel Alloys	Iron	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
192	CHEMICAL- METALS & ALLOYS	Iron Alloy (Tool Steel & High Alloy Steel)	Nickel	ASTM E352
193	CHEMICAL- METALS & ALLOYS	Iron Alloy (Tool Steel & High Alloy Steel)	Chromium	ASTM E352
194	CHEMICAL- METALS & ALLOYS	Iron Alloy (Tool Steel & High Alloy Steel)	Chromium.	ASTM E352
195	CHEMICAL- METALS & ALLOYS	Iron Alloy (Tool Steel & High Alloy Steel)	Phosphorous	ASTM E352
196	CHEMICAL- METALS & ALLOYS	Iron Alloy (Tool Steel & High Alloy Steel)	Vanadium	SOPNo. MSPL/SOP/14 IssueNo.06 February 27, 2018
197	CHEMICAL- METALS & ALLOYS	Iron Alloy (Tool Steel & High Alloy Steel)	Vanadium	SOPNo. MSPL/SOP/14 IssueNo.06 February 27, 2018
198	CHEMICAL- METALS & ALLOYS	Iron Alloy (Tool Steel & High Alloy Steel)	Silicon	ASTM E352
199	CHEMICAL- METALS & ALLOYS	Iron alloys (Tool Steel & High Alloy Steel)	Nickel	ASTM E352
200	CHEMICAL- METALS & ALLOYS	Iron Alloys (Stainless Steel)	Silicon	IS 228 (Part 8)
201	CHEMICAL- METALS & ALLOYS	Iron Alloys (Stainless Steel)	Silicon	IS 228 (Part 8)
202	CHEMICAL- METALS & ALLOYS	Iron/ Nickel Alloys	Aluminium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
203	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Iron	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
204	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Calcium	SOPNo. MSPL/SOP/25A/B Issue No. 02 February 27, 2018
205	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Chromium	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
206	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Cobalt	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7586	Page No	12 of 56
Validity	15/07/2021 to 14/07/2023	Last Amended on	20/07/2021

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
207	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Copper	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
208	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Copper	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
209	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Manganese	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
210	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Manganese	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
211	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Molybdenum	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
212	CHEMICAL- METALS & ALLOYS	Iron/Nickel Alloys	Molybdenum	SOPNo. MSPL/SOP/25A/B IssueNo.02 February 27, 2018
213	CHEMICAL- METALS & ALLOYS	Lead Base	Antimony	IS 403
214	CHEMICAL- METALS & ALLOYS	Lead Base	Aluminium	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
215	CHEMICAL- METALS & ALLOYS	Lead Base	Antimony	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
216	CHEMICAL- METALS & ALLOYS	Lead Base	Antimony	IS 403
217	CHEMICAL- METALS & ALLOYS	Lead Base	Arsenic	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
218	CHEMICAL- METALS & ALLOYS	Lead Base	Bismuth	SOPNo. MSPL/SOP/25E Issue No. 02 February 27, 2018
219	CHEMICAL- METALS & ALLOYS	Lead base	Cadmium	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
220	CHEMICAL- METALS & ALLOYS	Lead Base	Cadmium	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
221	CHEMICAL- METALS & ALLOYS	Lead Base	Copper	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
222	CHEMICAL- METALS & ALLOYS	Lead Base	Nickel	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
223	CHEMICAL- METALS & ALLOYS	Lead Base	Selenium	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
224	CHEMICAL- METALS & ALLOYS	Lead Base	Silver	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
225	CHEMICAL- METALS & ALLOYS	Lead Base	Tellurium	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7586	Page No	13 of 56
Validity	15/07/2021 to 14/07/2023	Last Amended on	20/07/2021

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
226	CHEMICAL- METALS & ALLOYS	Lead Base	Tellurium	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
227	CHEMICAL- METALS & ALLOYS	Lead Base	Tin	SOPNo. MSPL/SOP/22 IssueNo.06 February 27, 2018
228	CHEMICAL- METALS & ALLOYS	Lead base	Tin	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
229	CHEMICAL- METALS & ALLOYS	Lead base	Tin	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
230	CHEMICAL- METALS & ALLOYS	Lead Base	Zinc	SOPNo. MSPL/SOP/25E IssueNo.02 February 27, 2018
231	CHEMICAL- METALS & ALLOYS	Manganese Steel	Chromium	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
232	CHEMICAL- METALS & ALLOYS	Manganese Steel	Manganese	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
233	CHEMICAL- METALS & ALLOYS	Manganese Steel	Molybdenum	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
234	CHEMICAL- METALS & ALLOYS	Manganese Steel	Carbon	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
235	CHEMICAL- METALS & ALLOYS	Manganese Steel	Chromium	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
236	CHEMICAL- METALS & ALLOYS	Manganese Steel	Manganese	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
237	CHEMICAL- METALS & ALLOYS	Manganese Steel	Nickel	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
238	CHEMICAL- METALS & ALLOYS	Manganese Steel	Phosphorous	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
239	CHEMICAL- METALS & ALLOYS	Manganese Steel	Silicon	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
240	CHEMICAL- METALS & ALLOYS	Manganese Steel	Sulphur	SOPNo. MSPL/SOP/26D IssueNo.02 February 27, 2018
241	CHEMICAL- METALS & ALLOYS	Nickel Base	Lead	SOPNo. MSPL/SOP/29 IssueNo.06 February 27, 2018
242	CHEMICAL- METALS & ALLOYS	Nickel Base	Molybdenum	ASTM E354
243	CHEMICAL- METALS & ALLOYS	Nickel Base	Molybdenum	ASTM E354
244	CHEMICAL- METALS & ALLOYS	Nickel Base	Tungsten	SOPNo. MSPL/SOP/13 IssueNo.06 February 27, 2018



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF
L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

14 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
245	CHEMICAL- METALS & ALLOYS	Nickel Base	Copper	SOPNo. MSPL/SOP/29 IssueNo.06 February 27, 2018
246	CHEMICAL- METALS & ALLOYS	Nickel Base	Tungsten	SOPNo. MSPL/SOP/13 IssueNo.06 February 27, 2018
247	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Boron	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
248	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Carbon	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
249	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Sulphur	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
250	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Sulphur	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
251	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Titanium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
252	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Cobalt	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
253	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Copper	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
254	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Magnesium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
255	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Molybdenum	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
256	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Nickel	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
257	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Nickel	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
258	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Tungsten	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
259	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Aluminum	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
260	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Carbon	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
261	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Chromium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
262	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Iron	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
263	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Manganese	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7586	Page No	15 of 56
Validity	15/07/2021 to 14/07/2023	Last Amended on	20/07/2021

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
264	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Molybdenum	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
265	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Niobium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
266	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Phosphorous	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
267	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Silicon	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
268	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Silicon	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
269	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Tungsten	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
270	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Aluminium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
271	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Chromium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
272	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Chromium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
273	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Cobalt	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
274	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Copper	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
275	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Iron	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
276	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Nickel	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
277	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Niobium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
278	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Niobium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
279	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Silicon	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
280	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel / Incoloy / Hastelloy/Monel)	Vanadium	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
281	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel, Incoloy, Hastelloy , Monel)	Sulphur	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
282	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel, Incoloy, Hastelloy , Monel)	Phosphorous	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

16 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
283	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel, Incoloy, Hastelloy , Monel)	Phosphorous	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
284	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel, Incoloy, Hastelloy , Monel)	Sulphur	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
285	CHEMICAL- METALS & ALLOYS	Nickel Base (Inconel, Incoloy, Hastelloy , Monel)	Sulphur	SOPNo. MSPL/SOP/34 IssueNo.02 February 27, 2018
286	CHEMICAL- METALS & ALLOYS	Nickel Base/Hastalloy Metals & Alloys (Monel)	Silicon	ASTM E354
287	CHEMICAL- METALS & ALLOYS	Nickel Base/Hastalloy Metals & alloys (Monel)	Sulfur	ASTM E1019
288	CHEMICAL- METALS & ALLOYS	Nickel Base/Hastalloy Metals& Alloys/(Monel)	Chromium	ASTM E354
289	CHEMICAL- METALS & ALLOYS	Nickel Base/Hastalloy Metals& Alloys/(Monel)	Molybdenum	ASTM E354
290	CHEMICAL- METALS & ALLOYS	Nickel Base/Hastalloy Metals& Alloys/(Monel)	Nickel	ASTM E354
291	CHEMICAL- METALS & ALLOYS	Nickel Base/Hastalloy Metals& Alloys/(Monel)	Nickel	ASTM E354
292	CHEMICAL- METALS & ALLOYS	Nickel Base/Hastelloy Metals &Alloys (Monel)	Carbon	ASTM E1019
293	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low alloy Steel	Aluminium	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
294	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low alloy Steel	Boron	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
295	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low alloy Steel	Carbon	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
296	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low alloy Steel	Carbon	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
297	CHEMICAL- METALS & ALLOYS	Plain Carbon steel & low alloy steel	Lead	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
298	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low alloy Steel	Nickel	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
299	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low alloy Steel	Silicon	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
300	CHEMICAL- METALS & ALLOYS	Plain Carbon steel and low alloy	Aluminium	ASTM E415
301	CHEMICAL- METALS & ALLOYS	Plain Carbon steel and low alloy steel	Arsenic	ASTM E415



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

17 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
302	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Boron	IS 8811
303	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Carbon	ASTM E415
304	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Chromium	IS 8811
305	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Copper	IS 8811
306	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Molybdenum	ASTM E415
307	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Nickel	ASTM E415
308	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Phosphorous	IS 8811
309	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Sulphur	ASTM E415
310	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Sulphur	IS 8811
311	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Tin	IS 8811
312	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Zirconium	IS 8811
313	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Aluminium	ASTM E415
314	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Aluminium	IS 8811
315	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Aluminium	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
316	CHEMICAL- METALS & ALLOYS	Plain Carbon steel and low alloy steel	Antimony	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
317	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Arsenic	IS 8811
318	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Arsenic	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
319	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel and Low alloy steel	Boron	ASTM E415
320	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Boron	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7586	Page No	18 of 56
Validity	15/07/2021 to 14/07/2023	Last Amended on	20/07/2021

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
321	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Boron	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
322	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Carbon	IS 8811
323	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Carbon	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
324	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Chromium	ASTM E415
325	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Chromium	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
326	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Cobalt	ASTM E415
327	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Cobalt	IS 8811
328	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel and Low Alloy Steel	Copper	ASTM E415
329	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Copper	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
330	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Lead	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
331	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Manganese	ASTM E415
332	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Manganese	IS 8811
333	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Molybdenum	IS 8811
334	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Nickel	IS 8811
335	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Nickel	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
336	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Niobium	ASTM E415
337	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Niobium	IS 8811
338	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Niobium	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
339	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Nitrogen	ASTM E415



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF
L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

19 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
340	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Nitrogen	IS 228 (Part 23)
341	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Nitrogen	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
342	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Phosphorous	ASTM E415
343	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Phosphorous	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
344	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Silicon	ASTM E415
345	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Silicon	IS 8811
346	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Silicon	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
347	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Tin	ASTM E415
348	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Tin	IS 8811
349	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Titanium	ASTM E415
350	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Titanium	IS 8811
351	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Tungsten	SOPNo. MSPL/SOP/26A IssueNo.02 February 27, 2018
352	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Vanadium	ASTM E415
353	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Vanadium	IS 8811
354	CHEMICAL- METALS & ALLOYS	Plain carbon steel and low alloy steel	Zirconium	ASTM E415
355	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E353
356	CHEMICAL- METALS & ALLOYS	Stainless steel	Aluminium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
357	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
358	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF
L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

20 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
359	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 228 (Part 6)
360	CHEMICAL- METALS & ALLOYS	Stainless steel	Cobalt	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
361	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
362	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
363	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
364	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
365	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E353
366	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part 5)
367	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 228 (Part 24)
368	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
369	CHEMICAL- METALS & ALLOYS	Stainless Steel	silicon	IS 228 (Part 8)
370	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E1086
371	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 228 (Part 7)
372	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	SOPNo. MSPL/SOP/30 IssueNo.06 February 27, 2018
373	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
374	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
375	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
376	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium+Tantalum (as Niobium)	SOPNo. MSPL/SOP/28 IssueNo.02 February 27, 2018
377	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E1086



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF
L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

21 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
378	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 9879
379	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 228 (Part 3)
380	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
381	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
382	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
383	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
384	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	SOPNo. MSPL/SOP/13 IssueNo.06 February 27, 2018
385	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	SOPNo. MSPL/SOP/14 IssueNo.06 February 27, 2018
386	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
387	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
388	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
389	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
390	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
391	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
392	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E353
393	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
394	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	SOPNo. MSPL/SOP/14 IssueNo.06 February 27, 2018
395	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
396	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E353



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF
L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

22 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
397	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium.	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
398	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
399	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
400	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
401	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.02 February 27, 2018
402	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
403	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part 5)
404	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
405	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
406	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium+Tantalum (as Niobium)	SOPNo. MSPL/SOP/28 IssueNo.02 February 27, 2018
407	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 228 (Part 23)
408	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
409	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
410	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
411	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
412	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
413	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E353
414	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
415	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF
L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

23 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
416	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
417	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
418	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part 5)
419	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part 5)
420	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
421	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E353
422	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E353
423	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	SOPNo. MSPL/SOP/13 IssueNo.02 February 27, 2018
424	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	SOPNo. MSPL/SOP/26C IssueNo.02 February 27, 2018
425	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	SOPNo. MSPL/SOP/14 IssueNo.02 February 27, 2018
426	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Carbon	ASTM E1019
427	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Carbon	IS 228 (Part 20)
428	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Sulphur	IS 228 (Part 20)
429	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Carbon	ASTM E1019
430	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Carbon	ASTM E1019
431	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Carbon	ASTM E1019
432	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Carbon	IS 228 (Part 20)
433	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Hydrogen	IS 228 (Part 22)
434	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Nitrogen	ASTM E1019



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

24 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
435	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Nitrogen	IS 228 (Part 24)
436	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Nitrogen	IS 228 (Part 24)
437	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	NITROGEN	IS 228 (Part 17)
438	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Oxygen	ASTM E1019
439	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Oxygen	IS 228 (Part 18)
440	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Sulfur	ASTM E1019
441	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Sulphur	IS 228 (Part 20)
442	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Nitrogen	ASTM E1019
443	CHEMICAL- METALS & ALLOYS	Steel , Iron, Nickel, & Cobalt alloys	Nitrogen	IS 228 (Part 17)
444	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel & Cobalt Alloys	Carbon	ASTM E 1019
445	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel & Cobalt Alloys	Hydrogen	IS:228 (Pt 22)
446	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel & Cobalt Alloys	Nitrogen	ASTM E 1019
447	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel & Cobalt Alloys	Nitrogen	IS:228 (Pt 17)
448	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel & Cobalt alloys	Nitrogen	IS:228 (Pt 24)
449	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel & Cobalt alloys	Nitrogen	IS:228 (Pt 24)
450	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel, & Cobalt alloys	Carbon	IS :228 Pt 20
451	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 1409
452	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Tin	SOPNo. MSPL/SOP/22 IssueNo.06 February 27, 2018
453	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 1409



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

25 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
454	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 403
455	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 1409
456	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 1409
457	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 1409
458	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 403
459	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 403
460	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 1409
461	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
462	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
463	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Antimony	IS 403
464	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Arsenic	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
465	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Bismuth	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
466	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Cadmium	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
467	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Cadmium	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
468	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Copper	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
469	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Iron	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
470	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Lead	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
471	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Nickel	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
472	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Nickel	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF
L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

26 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
473	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Silver	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
474	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Zinc	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
475	CHEMICAL- METALS & ALLOYS	Tin Base Alloy	Zinc	SOPNo. MSPL/SOP/25G IssueNo.02 February 27, 2018
476	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Nitrogen	ASTM E1409
477	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element In Metal & Metal Alloys)	Carbon	SOPNo. MSPL/SOP/35 IssueNo.02 February 27, 2018
478	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Hydrogen	ASTM E1447
479	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Oxygen	ASTM E1409
480	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element In Metal & Metal Alloys)	Carbon	SOPNo. MSPL/SOP/35 IssueNo.02 February 27, 2018
481	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Hydrogen	ASTM E1447
482	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element In Metal & Metal Alloys)	Carbon	SOPNo. MSPL/SOP/35 IssueNo.02 February 27, 2018
483	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Hydrogen	ASTM E1447
484	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Nitrogen	ASTM E1409
485	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Nitrogen	ASTM E1409
486	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Oxygen	ASTM E1409
487	CHEMICAL- METALS & ALLOYS	Titanium Alloys (Gas Element in Metal & Metal Alloys)	Oxygen	ASTM E1409
488	CHEMICAL- METALS & ALLOYS	Titanium Base	Aluminium	ASTM E2371
489	CHEMICAL- METALS & ALLOYS	Titanium Base	Aluminium	ASTM E2371
490	CHEMICAL- METALS & ALLOYS	Titanium Base	Boron	ASTM E2371
491	CHEMICAL- METALS & ALLOYS	Titanium Base	Chromium	ASTM E2371



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

27 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
492	CHEMICAL- METALS & ALLOYS	Titanium Base	Cobalt	ASTM E2371
493	CHEMICAL- METALS & ALLOYS	Titanium Base	Copper	ASTM E2371
494	CHEMICAL- METALS & ALLOYS	Titanium base	Iron	ASTM E2371
495	CHEMICAL- METALS & ALLOYS	Titanium Base	Manganese	ASTM E2371
496	CHEMICAL- METALS & ALLOYS	Titanium Base	Molybdenum	ASTM E2371
497	CHEMICAL- METALS & ALLOYS	Titanium Base	Nickel	ASTM E2371
498	CHEMICAL- METALS & ALLOYS	Titanium Base	Niobium	ASTM E2371
499	CHEMICAL- METALS & ALLOYS	Titanium Base	Niobium	ASTM E2371
500	CHEMICAL- METALS & ALLOYS	Titanium Base	Palladium	ASTM E2371
501	CHEMICAL- METALS & ALLOYS	Titanium Base	Ruthenium	ASTM E2371
502	CHEMICAL- METALS & ALLOYS	Titanium Base	Silicon	ASTM E2371
503	CHEMICAL- METALS & ALLOYS	Titanium Base	Tin	ASTM E2371
504	CHEMICAL- METALS & ALLOYS	Titanium Base	Tin	ASTM E2371
505	CHEMICAL- METALS & ALLOYS	Titanium Base	Tungsten	ASTM E2371
506	CHEMICAL- METALS & ALLOYS	Titanium Base	Vanadium	ASTM E2371
507	CHEMICAL- METALS & ALLOYS	Titanium Base	Yttrium	ASTM E2371
508	CHEMICAL- METALS & ALLOYS	Titanium Base	Zirconium	ASTM E2371
509	CHEMICAL- METALS & ALLOYS	Titanium Base	Zirconium	ASTM E2371
510	CHEMICAL- METALS & ALLOYS	Tool Steel	Copper	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7586	Page No	28 of 56
Validity	15/07/2021 to 14/07/2023	Last Amended on	20/07/2021

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
511	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
512	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
513	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
514	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
515	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
516	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
517	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorous	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
518	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
519	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
520	CHEMICAL- METALS & ALLOYS	Tool Steel	Copper	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
521	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
522	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
523	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorous	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
524	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
525	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
526	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
527	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
528	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	SOPNo. MSPL/SOP/26B IssueNo.02 February 27, 2018
529	CHEMICAL- METALS & ALLOYS	Tool Steel & high Alloy Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.06 February 27, 2018



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

29 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
530	CHEMICAL- METALS & ALLOYS	Tool Steel & High Alloy Steel	Tungsten	SOPNo. MSPL/SOP/13 IssueNo.06 February 27, 2018
531	CHEMICAL- METALS & ALLOYS	Tool Steel & High Alloy Steel	Chromium	SOPNo. MSPL/SOP/30 IssueNo.06 February 27, 2018
532	CHEMICAL- METALS & ALLOYS	Tool Steel & High Alloy Steel	Silicon	IS 228 (Part 8)
533	CHEMICAL- METALS & ALLOYS	Tool Steel & High Alloy Steel	Vanadium	SOPNo. MSPL/SOP/14 IssueNo.06 February 27, 2018
534	CHEMICAL- METALS & ALLOYS	Tool Steel & high Alloy Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.06 February 27, 2018
535	CHEMICAL- METALS & ALLOYS	Tool Steel & high Alloy Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.06 February 27, 2018
536	CHEMICAL- METALS & ALLOYS	Tool Steel & High Alloy Steel	Tungsten	SOPNo. MSPL/SOP/13 IssueNo.06 February 27, 2018
537	CHEMICAL- METALS & ALLOYS	Tool Steel & high Alloy Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.06 February 27, 2018
538	CHEMICAL- METALS & ALLOYS	Tool Steel & high Alloy Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.06 February 27, 2018
539	CHEMICAL- METALS & ALLOYS	Tool Steel & high Alloy Steel	Molybdenum	SOPNo. MSPL/SOP/07 IssueNo.06 February 27, 2018
540	CHEMICAL- METALS & ALLOYS	Tool Steel & High Alloy Steel	Tungsten	SOPNo. MSPL/SOP/13 IssueNo.06 February 27, 2018
541	CHEMICAL- METALS & ALLOYS	Zinc Base	Antimony	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
542	CHEMICAL- METALS & ALLOYS	Zinc Base	Bismuth	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
543	CHEMICAL- METALS & ALLOYS	Zinc Base	Cadmium	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
544	CHEMICAL- METALS & ALLOYS	Zinc Base	Chromium	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
545	CHEMICAL- METALS & ALLOYS	Zinc base	Copper	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
546	CHEMICAL- METALS & ALLOYS	Zinc Base	Indium	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
547	CHEMICAL- METALS & ALLOYS	Zinc Base	Iron	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
548	CHEMICAL- METALS & ALLOYS	Zinc Base	Lead	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

30 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
549	CHEMICAL- METALS & ALLOYS	Zinc Base	Lead	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
550	CHEMICAL- METALS & ALLOYS	Zinc Base	Magnesium	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
551	CHEMICAL- METALS & ALLOYS	Zinc Base	Manganese	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
552	CHEMICAL- METALS & ALLOYS	Zinc Base	Method to determine Aluminium	SOPNo.MSPL/SOP/25D IssueNo.02
553	CHEMICAL- METALS & ALLOYS	Zinc Base	Nickel	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
554	CHEMICAL- METALS & ALLOYS	Zinc Base	Thallium	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
555	CHEMICAL- METALS & ALLOYS	Zinc base	Tin	SOPNo. MSPL/SOP/25D IssueNo.02 February 27, 2018
556	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Ammonical Nitrogen (as NH ₃)	IS 3025 (Part 34)
557	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Arsenic (as As)	IS 3025 (Part 2)
558	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Biochemical Oxygen Demand (BOD)	IS 3025 (Part 44)
559	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Cadmium (as Cd)	IS 3025 (Part 2)
560	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Chemical oxygen demand (COD)	IS 3025 (Part 58)
561	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Chromium (as Cr)	IS 3025 (Part 2)
562	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Colour	IS 3025 (Part 4)
563	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Copper (as Cu)	IS 3025 (Part 2)
564	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Iron (as Fe)	IS 3025 (Part 2)
565	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Lead (as Pb)	IS 3025 (Part 2)
566	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Manganese (as Mn)	IS 3025 (Part 2)
567	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	pH value	IS 3025 (Part 11)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

31 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
568	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Selenium (as Se)	IS 3025 (Part 2)
569	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Total Suspended Solids	IS 3025 (Part 17)
570	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Zinc (as Zn)	IS 3025 (Part 2)
571	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Dissolved Phosphates (as P)	IS 3025 (Part 31)
572	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Hexavalent Chromium (as Cr+6)	IS 3025 (Part 52)
573	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Nickel (as Ni)	IS 3025 (Part 2)
574	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Nitrate (as NO ₃)	IS 3025 (Part 34)
575	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Odour	IS 3025 (Part 5)
576	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Oil and grease	IS 3025 (Part 39)
577	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Temperature	IS 3025 (Part 9)
578	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Total Residual Chlorine (as Cl)	IS 3025 (Part 26)
579	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Effluent	Vanadium (as V)	IS 3025 (Part 2)
580	CHEMICAL- WATER	CPCB (Class E) : Water for irrigation , industrial cooling, Controlled waste disposal	Boron (as B)	IS 3025 (Part 2)
581	CHEMICAL- WATER	CPCB (Class E) : Water for irrigation , industrial cooling,Controlled waste disposal.	Electrical Conductivity at 25oC	IS 3025 (Part 14)
582	CHEMICAL- WATER	CPCB (Class E) : Water for irrigation , industrial cooling,Controlled waste disposal.	pH	IS 3025 (Part 11)
583	CHEMICAL- WATER	CPCB (Class E) : Water for irrigation , industrial cooling,Controlled waste disposal.	Sodium Adsorption Ratio (SAR)	Clause 4.1.2 of IS 11624
584	CHEMICAL- WATER	CPCB (Class A):Drinking water with out conventional treatment but after disinfection CPCB (Class B) : Outdoor Bathing (Organised) CPCB (Class C) : Drinking water source after conventional treatment & disinfection. CPCB (Class D) : Water for propagation of Wild Life & Fisheries	pH	IS 3025 (Part 11)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7586	Page No	32 of 56
Validity	15/07/2021 to 14/07/2023	Last Amended on	20/07/2021

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
585	CHEMICAL- WATER	CPCB (Class A):Drinking water with out conventional treatment but after disinfection CPCB (Class B) : Outdoor Bathing (Organised) CPCB (Class C) : Drinking water source after conventional treatment & disinfection. CPCB (Class D) : Water for propagation of Wild Life & Fisheries	Free Ammonia (as NH ₃)	IS 3025 (Part 34)
586	CHEMICAL- WATER	CPCB (Class A):Drinking water with out conventional treatment but after disinfection CPCB (Class B) : Outdoor Bathing (Organised) CPCB (Class C) : Drinking water source after conventional treatment & disinfection. CPCB (Class D) : Water for propagation of Wild Life & Fisheries	Biochemical Oxygen Demand (BOD) ,3 days at 27oC	IS 3025 (Part 44)
587	CHEMICAL- WATER	CPCB (Class A):Drinking water with out conventional treatment but after disinfection CPCB (Class B) : Outdoor Bathing (Organised) CPCB (Class C) : Drinking water source after conventional treatment & disinfection. CPCB (Class D) : Water for propagation of Wild Life & Fisheries	Dissolved oxygen (as DO)	IS 3025 (Part 38)
588	CHEMICAL- WATER	Drinking Water	Alkalinity (as HCO ₃)	IS 3025 (Part 23)
589	CHEMICAL- WATER	Drinking Water	Aluminum (as Al)	IS 3025 (Part 2)
590	CHEMICAL- WATER	Drinking Water	Antimony (as Sb)	IS 3025 (Part 2)
591	CHEMICAL- WATER	Drinking Water	Arsenic (as As)	IS 3025 (Part 2)
592	CHEMICAL- WATER	Drinking Water	Barium (as Ba)	IS 3025 (Part 2)
593	CHEMICAL- WATER	Drinking Water	Borates (as B)	EPA 212.3
594	CHEMICAL- WATER	Drinking Water	Borates (as B)	IS 3025 (Part 2)
595	CHEMICAL- WATER	Drinking Water	Cadmium (as Cd)	IS 3025 (Part 2)
596	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	IS 3025 (Part 2)
597	CHEMICAL- WATER	Drinking Water	Chloride (as Cl)	IS 3025 (Part 32)
598	CHEMICAL- WATER	Drinking Water	Chromium (as Cr)	IS 3025 (Part 2)
599	CHEMICAL- WATER	Drinking Water	Chromium (as Cr+6)	IS 3025 (Part 52)
600	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
601	CHEMICAL- WATER	Drinking Water	Copper (as Cu)	IS 3025 (Part 2)
602	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	IS 3025 (Part 2)
603	CHEMICAL- WATER	Drinking Water	Lead (as Pb)	IS 3025 (Part 2)
604	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg)	IS 3025 (Part 2)
605	CHEMICAL- WATER	Drinking Water	Manganese (as Mn)	IS 3025 (Part 2)
606	CHEMICAL- WATER	Drinking Water	Nickel (as Ni)	IS 3025 (Part 2)
607	CHEMICAL- WATER	Drinking Water	Nitrate (as NO ₃)	IS 3025 (Part 34)



National Accreditation Board for Testing and Calibration Laboratories

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Laboratory Name :

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L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

33 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
608	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
609	CHEMICAL- WATER	Drinking Water	Oil & Grease	IS 3025 (Part 39)
610	CHEMICAL- WATER	Drinking Water	pH Value	IS 3025 (Part 11)
611	CHEMICAL- WATER	Drinking Water	Residual free Chlorine (as Cl)	IS 3025 (Part 26)
612	CHEMICAL- WATER	Drinking Water	Selenium (as Se)	IS 3025 (Part 2)
613	CHEMICAL- WATER	Drinking Water	Silver (Ag)	IS 3025 (Part 2)
614	CHEMICAL- WATER	Drinking Water	Sodium (as Na)	IS 3025 (Part 2)
615	CHEMICAL- WATER	Drinking Water	Sulphate (as SO4)	IS 3025 (Part 24)
616	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
617	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCO3)	IS 3025 (Part 21)
618	CHEMICAL- WATER	Drinking Water	Total Solids	IS 3025 (Part 15)
619	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
620	CHEMICAL- WATER	Drinking Water	Zinc (as Zn)	IS 3025 (Part 2)
621	CHEMICAL- WATER	Feed Water at Economizer Inlet	Iron (as Fe)	A-1 & A-2 of IS 10496
622	CHEMICAL- WATER	Feed Water At Boiler	Caustic Alkalinity (as CaCO3)	IS 3025 (Part 23)
623	CHEMICAL- WATER	Feed water at Boiler	Chloride (as NaCl)	A-5 of IS 10496
624	CHEMICAL- WATER	Feed Water at Boiler	pH value	IS 3025 (Part 11)
625	CHEMICAL- WATER	Feed water at Boiler	Silica (as SiO2)	A-3 of IS 10496
626	CHEMICAL- WATER	Feed Water at Boiler	Total Alkalinity (as CaCO3)	IS 3025 (Part 13)
627	CHEMICAL- WATER	Feed water at Boiler	Total hardness (as CaCO3)	IS 3025 (Part 21)
628	CHEMICAL- WATER	Feed water at Boiler	Phosphate (as PO4)	IS 3025 (Part 31)
629	CHEMICAL- WATER	Feed water at Boiler	Hydrazine (as N2H4)	IS 3550 (Clause 26)
630	CHEMICAL- WATER	Feed water at Boiler	Total dissolved solids (TDS)	IS 3025 (Part 16)
631	CHEMICAL- WATER	Feed Water At Economizer Inlet	Iron (as Fe)	IS 3025 (Part 2)
632	CHEMICAL- WATER	Feed Water At Economizer Inlet	Oxygen (as O2)	IS 3550 (Clause 25)
633	CHEMICAL- WATER	Feed Water At Economizer Inlet	pH value	IS 3025 (Part 11)
634	CHEMICAL- WATER	Feed Water At Economizer Inlet	Silica (as SiO2)	A-3 of IS 10496
635	CHEMICAL- WATER	Feed Water At Economizer Inlet	Total hardness (as CaCo3)	IS 3025 (Part 21)
636	CHEMICAL- WATER	Feed Water at Economizer Inlet	Ammonia (as NH3)	IS 3025 (Part 34)



National Accreditation Board for Testing and Calibration Laboratories

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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

34 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
637	CHEMICAL- WATER	Feed Water At Economizer Inlet	Conductivity after passing Through cation exchanger column at 25°C	IS 3550 (Clause 7)
638	CHEMICAL- WATER	Feed Water At Economizer Inlet	Copper (as Cu)	A-1 & A-2 of IS 10496
639	CHEMICAL- WATER	Feed Water at Economizer Inlet	Dissolved Oxygen (DO) as (O ₂)	IS 3025 (Part 38)
640	CHEMICAL- WATER	Feed Water at Economizer Inlet	Manganese (as Mn)	IS 3025 (Part 2)
641	CHEMICAL- WATER	Feed water at Economizer Inlet	Oxygen (as O ₂) consumed in 4 hour	IS 3025 (Part 63)
642	CHEMICAL- WATER	Feed Water At Economizer Inlet	Residual hydrazine (as N ₂ H ₄)	IS 3550 (Clause 26)
643	CHEMICAL- WATER	Feed Water at Economizer Inlet	Sodium (as Na)	IS 3025 (Part 2)
644	CHEMICAL- WATER	Ground water / Borewell water	Borates (as B)	IS 3025 (Part 2)
645	CHEMICAL- WATER	Ground water / Borewell water	Calcium (as Ca)	IS 3025 (Part 2)
646	CHEMICAL- WATER	Ground water / Borewell water	Sodium (as Na)	IS 3025 (Part 2)
647	CHEMICAL- WATER	Ground water / Borewell water	Potassium (as K)	IS 3025 (Part 2)
648	CHEMICAL- WATER	Ground Water / Borewell Water	Specific Electrical Conductivity at 25°C	IS 3025 (Part 14)
649	CHEMICAL- WATER	Ground water / Borewell water	Hardness (as CaCO ₃)	IS 3025 (Part 21)
650	CHEMICAL- WATER	Ground water / Borewell water	Ammoniacal Nitrogen (as NH ₃)	IS 3025 (Part 34)
651	CHEMICAL- WATER	Ground water / Borewell water	Chloride (as Cl)	IS 3025 (Part 32)
652	CHEMICAL- WATER	Ground Water / Borewell water	pH value	IS 3025 (Part 11)
653	CHEMICAL- WATER	Ground Water / Borewell Water	Temperature	IS 3025 (Part 9)
654	CHEMICAL- WATER	Ground water / Borewell water	Total suspended solids (as TSS)	IS 3025 (Part 17)
655	CHEMICAL- WATER	Ground water/ Borewell water	Magnesium (as Mg)	IS 3025 (Part 2)
656	CHEMICAL- WATER	Ground water/ Borewell water	Biochemical Oxygen Demand (BOD) (3 days at 27oC)	IS 3025 (Part 44)
657	CHEMICAL- WATER	Ground water/ borewell water	Total dissolved solids (TDS)	IS 3025 (Part 16)
658	CHEMICAL- WATER	Ground water/ Borewell water	Phosphate (as PO ₄)	IS 3025 (Part 31)
659	CHEMICAL- WATER	Ground water/ Borewell water	Sulphates (as SO ₄)	IS 3025 (Part 24)
660	CHEMICAL- WATER	Ground water/ Borewell water	Total Nitrogen (as N)	IS 3025 (Part 34)
661	CHEMICAL- WATER	Ground water/Borewell water	Chemical oxygen demand (COD)	IS 3025 (Part 58)
662	CHEMICAL- WATER	Ground water/Borewell water	Nitrate (as NO ₃)	IS 3025 (Part 34)
663	CHEMICAL- WATER	Ground water/Borewell water	Turbidity	IS 3025 (Part 10)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

35 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
664	CHEMICAL- WATER	Ground water/Borewell water	Alkalinity (as CaCO ₃)	IS 3025 (Part 23)
665	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Total solids	IS 3025 (Part 15)
666	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Alkalinity (as CaCO ₃)	IS 3025 (Part 23)
667	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Aluminium (as Al)	IS 3025 (Part 2)
668	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Antimony (as Sb)	IS 3025 (Part 2)
669	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Arsenic (as As)	IS 3025 (Part 2)
670	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Barium (as Ba)	IS 3025 (Part 2)
671	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Borates (as B)	IS 3025 (Part 2)
672	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Cadmium (as Cd)	IS 3025 (Part 2)
673	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Calcium (as Ca)	IS 3025 (Part 2)
674	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Chloride (as Cl)	IS 3025 (Part 32)
675	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Chromium (as Cr)	IS 3025 (Part 2)
676	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Chromium (as Cr ₆₊)	IS 3025 (Part 52)
677	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Colour	IS 3025 (Part 4)
678	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Copper (as Cu)	IS 3025 (Part 2)
679	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Iron (as Fe)	IS 3025 (Part 2)
680	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Lead (as Pb)	IS 3025(Part 2)
681	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Manganese (as Mn)	IS 3025 (Part 2)
682	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Nickel (as Ni)	IS 3025 (Part 2)
683	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Nitrate(as NO ₃)	IS 3025 (Part 34)
684	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Odour	IS 3025 (Part 5)
685	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	pH value	IS 3025 (Part 11)
686	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Selenium (as Se)	IS 3025 (Part 2)
687	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Silver (as Ag)	IS 3025 (Part 2)
688	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Sodium (as Na)	IS 3025 (Part 2)
689	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Total dissolved solids (TDS)	IS 3025 (Part 16)
690	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Total hardness (as CaCO ₃)	IS 3025 (Part 21)
691	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Total Solids	IS 3025 (Part 15)
692	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Turbidity	IS 3025 (Part 10)
693	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Zinc (as Zn)	IS 3025 (Part 2)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

36 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
694	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Magnesium (as Mg)	IS 3025 (Part 2)
695	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Oil and grease	IS 3025 (Part 39)
696	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Residual free Chlorine (as Cl)	IS 3025 (Part 26)
697	CHEMICAL- WATER	Packaged Drinking water/Packaged Natural Mineral water	Sulphate (as SO ₄)	IS 3025 (Part 24)
698	CHEMICAL- WATER	Reagent Grade Water (Grade 1,2 & 3)	Silica (as SiO ₂)	IS 3025 (Part 35)
699	CHEMICAL- WATER	Reagent Grade Water (Grade 1,2 & 3)	total solids or non volatile residue at 105oC	IS 3025 (Part 15)
700	CHEMICAL- WATER	Reagent Grade Water (Grade 1,2 & 3)	Color retention of KMnO ₄ , at 27X2oC,minutes	IS 1070 (Annex A)
701	CHEMICAL- WATER	Reagent Grade Water (Grade 1,2 &3)	pH at 25oC	IS 3025 (Part 11)
702	CHEMICAL- WATER	Reagent Grade Water (Grade 1,2 &3)	Specific Conductivity uS/cm at 25oC	IS 3025 (Part 14)
703	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Chloride (as Cl)	IS 3025 (Part 32)
704	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Heavy Metal (as Pb)	IS 7017
705	CHEMICAL- WATER	Water for Brewing & Distillery Industry	Calcium (as Ca)	IS 3025 (Part 2)
706	CHEMICAL- WATER	Water for Brewing & Distillery Industry	Carbonate Hardness (as CaCO ₃)	IS 3025 (Part 21)
707	CHEMICAL- WATER	Water for Brewing & Distillery Industry	Chloride (as NaCl)	Clause 24 of IS 3025
708	CHEMICAL- WATER	Water for Brewing & Distillery Industry	Manganese (as Mn)	IS 3025 (Part 2)
709	CHEMICAL- WATER	Water for Brewing & Distillery Industry	pH Value	IS 3025 (Part 11)
710	CHEMICAL- WATER	Water for Brewing & Distillery Industry	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
711	CHEMICAL- WATER	Water for Brewing & Distillery Industry	Alkalinity (as CaCO ₃)	IS 3025 (Part 23)
712	CHEMICAL- WATER	Water for construction	Alkalinity (ml Of 0.02 N H ₂ SO ₄ as mg/L CaCO ₃)	IS 3025 (Part 23)
713	CHEMICAL- WATER	Water for construction	Chloride (as Cl)	IS 3025 (Part 32)
714	CHEMICAL- WATER	Water for construction	Inorganic Solids	IS 3025 (Part 18)
715	CHEMICAL- WATER	Water for construction	Organic Solids	IS 3025 (Part 18)
716	CHEMICAL- WATER	Water for construction	pH value	IS 3025 (Part 11)
717	CHEMICAL- WATER	Water for construction	Acidity (ml of 0.02 N NaOH as mg/L CaCO ₃)	IS 3025 (Part 22)
718	CHEMICAL- WATER	Water for construction	Sulphates (as SO ₃)	IS 3025 (Part 24)
719	CHEMICAL- WATER	Water for construction purpose	Suspended matter	IS 3025 (Part 17)
720	CHEMICAL- WATER	Water for Fermentation Industry	Nitrate (as NO ₃)	IS 3025 (Part 34)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF
L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

37 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
721	CHEMICAL- WATER	Water for Fermentation Industry	Arsenic (as As)	IS 3025 (Part 2)
722	CHEMICAL- WATER	Water for Fermentation Industry	Chloride (as Cl)	IS 3025 (Part 32)
723	CHEMICAL- WATER	Water for Fermentation Industry	Chromium (as Cr)	IS 3025 (Part 2)
724	CHEMICAL- WATER	Water for Fermentation Industry	colour	IS 3025 (Part 4)
725	CHEMICAL- WATER	Water for Fermentation Industry	Copper (as Cu)	IS 3025 (Part 2)
726	CHEMICAL- WATER	Water for Fermentation Industry	Iron (as Fe)	IS 3025 (Part 2)
727	CHEMICAL- WATER	Water for Fermentation Industry	Lead (as Pb)	IS 3025 (Part 2)
728	CHEMICAL- WATER	Water for Fermentation Industry	Magnesium (as Mg)	IS 3025 (Part 2)
729	CHEMICAL- WATER	Water for Fermentation Industry	Manganese (as Mn)	IS 3025 (Part 2)
730	CHEMICAL- WATER	Water for Fermentation Industry	odour	IS 3025 (Part 5)
731	CHEMICAL- WATER	Water for Fermentation Industry	pH value	IS 3025 (Part 11)
732	CHEMICAL- WATER	Water for Fermentation Industry	Selenium (as Se)	IS 3025 (Part 2)
733	CHEMICAL- WATER	Water for Fermentation Industry	Sulphates (as SO ₄)	IS 3025 (Part 24)
734	CHEMICAL- WATER	Water for Fermentation Industry	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
735	CHEMICAL- WATER	Water for Fermentation Industry	Total Hardness (as CaCO ₃)	IS 3025 (Part 21)
736	CHEMICAL- WATER	Water for Fermentation Industry	turbidity	IS 3025 (Part 10)
737	CHEMICAL- WATER	Water for Fermentation Industry	Zinc (as Zn)	IS 3025 (Part 2)
738	CHEMICAL- WATER	Water for fish processing Industry	Alkalinity (as CaCO ₃)	IS 3025 (Part 23)
739	CHEMICAL- WATER	Water for fish processing Industry	Arsenic (as As)	IS 3025 (Part 2)
740	CHEMICAL- WATER	Water for fish processing Industry	Chloride (as NaCl)	IS 3025 (Part 32)
741	CHEMICAL- WATER	Water for fish processing Industry	Chromium (as Cr)	IS 3025 (Part 2)
742	CHEMICAL- WATER	Water for fish processing Industry	colour	IS 3025 (Part 4)
743	CHEMICAL- WATER	Water for fish processing Industry	Copper (as Cu)	IS 3025 (Part 2)
744	CHEMICAL- WATER	Water for fish processing Industry	Iron (as Fe)	IS 3025 (Part 2)
745	CHEMICAL- WATER	Water for fish processing Industry	Lead (as Pb)	IS 3025 (Part 2)
746	CHEMICAL- WATER	Water for fish processing Industry	Odour	IS 3025 (Part 5)
747	CHEMICAL- WATER	Water for fish processing Industry	pH	IS 3025 (Part 11)
748	CHEMICAL- WATER	Water for fish processing Industry	Selenium (as Se)	IS 3025 (Part 2)
749	CHEMICAL- WATER	Water for fish processing Industry	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
750	CHEMICAL- WATER	Water for fish processing Industry	Turbidity	IS 3025 (Part 10)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF
L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

38 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
751	CHEMICAL- WATER	Water for fish processing Industry	Cadmium (Cd)	IS 3025 (Part 2)
752	CHEMICAL- WATER	Water for fish processing Industry	Free Chlorine (as Cl)	EPA 330.5
753	CHEMICAL- WATER	Water for fish processing Industry	Free Chlorine (as Cl)	IS 3025 (Part 26)
754	CHEMICAL- WATER	Water for fish processing Industry	Sulphate (as SO ₄)	IS 3025 (Part 24)
755	CHEMICAL- WATER	Water for fish processing Industry	Total Hardness (as CaCO ₃)	IS 3025 (Part 21)
756	CHEMICAL- WATER	Water for Ice manufacturing Industry	Alkalinity (as CaCO ₃)	IS 3025 (Part 23)
757	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Chromium (as Cr)	IS 3025 (Part 2)
758	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Copper (as Cu)	IS 3025 (Part 2)
759	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Iron (as Fe)	IS 3025 (Part 2)
760	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Lead (as Pb)	IS 3025 (Part 2)
761	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Magnesium (as Mg)	IS 3025 (Part 2)
762	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Manganese (as Mn)	IS 3025 (Part 2)
763	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Odour	IS 3025 (Part 5)
764	CHEMICAL- WATER	Water for Ice Manufacturing Industry	pH	IS 3025 (Part 11)
765	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Total Hardness (as CaCO ₃)	IS 3025 (Part 21)
766	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Total Solids	IS 3025 (Part 16)
767	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Turbidity	IS 3025 (Part 10)
768	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Zinc (as Zn)	IS 3025 (Part 2)
769	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Arsenic (as As)	IS 3025 (Part 2)
770	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Color	IS 3025 (Part 4)
771	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Selenium (as Se)	IS 3025 (Part 2)
772	CHEMICAL- WATER	Water for Ice Manufacturing Industry	Sulphate (as SO ₄)	IS 3025 (Part 24)
773	CHEMICAL- WATER	Water For Paper & Pulp Industry	Manganese (as Mn)	IS 3025 (Part 2)
774	CHEMICAL- WATER	Water For Paper & Pulp Industry	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
775	CHEMICAL- WATER	Water For Paper & Pulp Industry	Total hardness (as CaCO ₃)	IS 3025 (Part 21)
776	CHEMICAL- WATER	Water For Paper & Pulp Industry	Iron (as Fe)	IS 3025 (Part 2)
777	CHEMICAL- WATER	Water For Paper & Pulp Industry	Total Residual Chlorine (as Cl)	IS 3025 (Part 26)
778	CHEMICAL- WATER	Water for Paper and Pulp Industry	Color	IS 3025 (Part 4)
779	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Iron (as Fe)	IS 3025 (Part 2)
780	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Manganese (as Mn)	IS 3025 (Part 2)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7586 **Page No** 39 of 56

Validity 15/07/2021 to 14/07/2023 **Last Amended on** 20/07/2021

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
781	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Silica (as SiO ₂)	IS 3025 (Part 35)
782	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Total dissolved solids (TDS)	IS 3025 (Part 16)
783	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Total Hardness (as CaCO ₃)	IS 3025 (Part 21)
784	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Turbidity	IS 3025 (Part 10)
785	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Color	IS 3025 (Part 4)
786	CHEMICAL- WATER	Water for Rayon Manufacturing Industry	Total alkalinity (as CaCO ₃)	IS 3025 (Part 23)
787	CHEMICAL- WATER	Water for Storage Batteries	Heavy Metal (as Pb)	IS 7017
788	CHEMICAL- WATER	Water for Storage Batteries	Iron (as Fe)	IS 3025 (Part 2)
789	CHEMICAL- WATER	Water for Storage Batteries	Manganese (as Mn)	IS 3025 (Part 2)
790	CHEMICAL- WATER	Water for Storage Batteries	Chloride (as Cl)	IS 3025 (Part 32)
791	CHEMICAL- WATER	Water for Storage Batteries	Colour	IS 3025 (Part 4)
792	CHEMICAL- WATER	Water for Storage Batteries	Non Volatile Solids	IS 1069 (A-2)
793	CHEMICAL- WATER	Water for Storage Batteries	Odour	IS 3025 (Part 5)
794	CHEMICAL- WATER	Water for Storage Batteries	Oxidizable matter	IS 1069 (A-3)
795	CHEMICAL- WATER	Water for Storage Batteries	pH value	IS 3025 (Part 11)
796	CHEMICAL- WATER	Water for Storage Batteries	Specific Electrical Conductivity 25oC uS/cm	IS 3025 (Part 14)
797	CHEMICAL- WATER	Water for Storage Batteries	Total dissolved solids	IS 3025 (Part 16)
798	CHEMICAL- WATER	Water for Storage Batteries	Turbidity	IS 3025 (Part 10)
799	CHEMICAL- WATER	Water for Storage Batteries	Hardness (as CaCO ₃)	IS 3025 (Part 21)
800	CHEMICAL- WATER	Water for Swimming Pool	Aluminium (as Al)	IS 3025 (Part 2)
801	CHEMICAL- WATER	Water for Swimming Pool	Heavy Metal (as Pb)	IS 7017
802	CHEMICAL- WATER	Water for Swimming Pool	Iron (as Fe)	IS 3025 (Part 2)
803	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity (as CaCO ₃)	IS 3025 (Part 23)
804	CHEMICAL- WATER	Water for Swimming Pool	Chloride (as Cl)	IS 3025 (Part 32)
805	CHEMICAL- WATER	Water for Swimming Pool	Colour	IS 3025 (Part 4)
806	CHEMICAL- WATER	Water for Swimming Pool	Odour	IS 3025 (Part 5)
807	CHEMICAL- WATER	Water for Swimming Pool	Oxygen (as O ₂) absorbed in 4 hrs at 27oC	IS 3025 (Part 63)
808	CHEMICAL- WATER	Water for Swimming Pool	pH value	IS 3025 (Part 11)
809	CHEMICAL- WATER	Water for Swimming Pool	total dissolved solids (TDS)	IS 3025 (Part 16)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7586 **Page No** 40 of 56

Validity 15/07/2021 to 14/07/2023 **Last Amended on** 20/07/2021

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
810	CHEMICAL- WATER	Water for Swimming Pool	Total Residual Chlorine (as Cl)	IS 3025 (Part 26)
811	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS 3025 (Part 10)
812	CHEMICAL- WATER	Water for Tanning Industry	Alkalinity (as CaCO ₃)	IS 3025 (Part 23)
813	CHEMICAL- WATER	Water for Tanning Industry	Chlorides (as Cl)	IS 3025 (Part 23)
814	CHEMICAL- WATER	Water for Tanning Industry	Colour	IS 3025 (Part 4)
815	CHEMICAL- WATER	Water for Tanning Industry	Iron (as Fe)	IS 3025 (Part 2)
816	CHEMICAL- WATER	Water for Tanning Industry	pH value	IS 3025 (Part 11)
817	CHEMICAL- WATER	Water for Tanning Industry	Total hardness (as CaCO ₃)	IS 3025 (Part 21)
818	CHEMICAL- WATER	Water for Tanning Industry	Turbidity	IS 3025 (Part 10)
819	CHEMICAL- WATER	Water for Tanning Industry	Manganese (as Mn)	IS 3025 (Part 2)
820	CHEMICAL- WATER	Water for Textile Industry	Aluminum (as Al)	IS 3025 (Part 2)
821	CHEMICAL- WATER	Water for Textile Industry	Chloride (as Cl)	IS 3025 (Part 32)
822	CHEMICAL- WATER	Water For Textile Industry	Color	IS 3025 (Part 4)
823	CHEMICAL- WATER	Water for Textile Industry	Iron (as Fe)	IS 3025 (Part 2)
824	CHEMICAL- WATER	Water for Textile Industry	Manganese (as Mn)	IS 3025 (Part 2)
825	CHEMICAL- WATER	Water For Textile Industry	pH value	IS 3025 (Part 11)
826	CHEMICAL- WATER	Water for Textile Industry	Sulphate (as SO ₄)	IS 3025 (Part 24)
827	CHEMICAL- WATER	Water for Textile Industry	Total hardness (as CaCO ₃)	IS 3025 (Part 21)
828	CHEMICAL- WATER	Water For Textile Industry	Turbidity	IS 3025 (Part 10)
829	CHEMICAL- WATER	Water for Textile Industry	Total Alkalinity (as CaCO ₃)	IS 3025 (Part 23)
830	CHEMICAL- WATER	Water used in Processed Food Industry	Alkalinity (as HCO ₃)	IS 3025 (Part 23)
831	CHEMICAL- WATER	Water used in Processed Food Industry	Aluminum (as Al)	IS 3025 (Part 2)
832	CHEMICAL- WATER	Water used in Processed Food Industry	Antimony (as Sb)	IS 3025 (Part 2)
833	CHEMICAL- WATER	Water used in Processed Food Industry	Arsenic (as As)	IS 3025 (Part 2)
834	CHEMICAL- WATER	Water used in Processed Food Industry	Barium (as Ba)	IS 3025 (Part 2)
835	CHEMICAL- WATER	Water used in Processed Food Industry	Borates (as B)	IS 3025 (Part 2)
836	CHEMICAL- WATER	Water used in Processed Food Industry	Cadmium (as Cd)	IS 3025 (Part 2)
837	CHEMICAL- WATER	Water used in Processed Food Industry	Calcium (as Ca)	IS 3025 (Part 2)
838	CHEMICAL- WATER	Water used in Processed Food Industry	Chloride (as Cl)	IS 3025 (Part 32)
839	CHEMICAL- WATER	Water used in Processed Food Industry	Chromium (as Cr)	IS 3025 (Part 2)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7586	Page No	41 of 56
Validity	15/07/2021 to 14/07/2023	Last Amended on	20/07/2021

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
840	CHEMICAL- WATER	Water used in Processed Food Industry	Chromium (as Cr+6)	IS 3025 (Part 52)
841	CHEMICAL- WATER	Water used in Processed Food Industry	Colour	IS 3025 (Part 4)
842	CHEMICAL- WATER	Water used in Processed Food Industry	Copper (as Cu)	IS 3025 (Part 2)
843	CHEMICAL- WATER	Water used in Processed Food Industry	Iron (as Fe)	IS 3025 (Part 2)
844	CHEMICAL- WATER	Water used in Processed Food Industry	Lead (as Pb)	IS 3025 (Part 2)
845	CHEMICAL- WATER	Water used in Processed Food Industry	Magnesium (as Mg)	IS 3025 (Part 2)
846	CHEMICAL- WATER	Water used in Processed Food Industry	Manganese (as Mn)	IS 3025 (Part 2)
847	CHEMICAL- WATER	Water used in Processed Food Industry	Nickel (as Ni)	IS 3025 (Part 2)
848	CHEMICAL- WATER	Water used in Processed Food Industry	Nitrate (as NO3)	IS 3025 (Part 34)
849	CHEMICAL- WATER	Water used in Processed Food Industry	Odour	IS 3025 (Part 5)
850	CHEMICAL- WATER	Water used in Processed Food Industry	Oil & Grease	IS 3025 (Part 39)
851	CHEMICAL- WATER	Water used in Processed Food Industry	pH value	IS 3025 (Part 11)
852	CHEMICAL- WATER	Water used in Processed Food Industry	Residual Free Chlorine (as Cl)	IS 3025 (Part 26)
853	CHEMICAL- WATER	Water used in Processed Food Industry	Selenium (as Se)	IS 3025 (Part 2)
854	CHEMICAL- WATER	Water used in Processed Food Industry	Silver (as Ag)	IS 3025 (Part 2)
855	CHEMICAL- WATER	Water used in Processed Food Industry	Sodium (as Na)	IS 3025 (Part 2)
856	CHEMICAL- WATER	Water used in Processed Food Industry	Sulphate (as SO4)	IS 3025 (Part 24)
857	CHEMICAL- WATER	Water used in Processed Food Industry	Total dissolved Solids	IS 3025 (Part 16)
858	CHEMICAL- WATER	Water used in Processed Food Industry	Total Hardness (as CaCO3)	IS 3025 (Part 21)
859	CHEMICAL- WATER	Water used in Processed Food Industry	Total Solids	IS 3025 (Part 15)
860	CHEMICAL- WATER	Water used in Processed Food Industry	Turbidity	IS 3025 (Part 10)
861	CHEMICAL- WATER	Water used in Processed Food Industry	Zinc (as Zn)	IS 3025 (Part 2)
862	MECHANICAL- MECHANICAL PROPERTIES OF METALS	COVERED ELECTRODES IN WELDING MILD & LOW ALLOY STEEL	DIFFUSIBLE HYDROGEN TEST	IS 11802
863	MECHANICAL- MECHANICAL PROPERTIES OF METALS	COVERED ELECTRODES IN WELDING MILD & LOW ALLOY STEEL	DIFFUSIBLE HYDROGEN TEST	ISO 3690
864	MECHANICAL- MECHANICAL PROPERTIES OF METALS	GREY IRON CASTING	TRANSVERSE TENSILE TEST	IS 210
865	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED STEEL BARS	Bend Test	IS 1599



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

42 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
866	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED STEEL BARS	BEND TEST	IS 1786
867	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED STEEL BARS	MASS PER UNIT LENGTH	IS 1786
868	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED STEEL BARS	REBEND TEST	IS 1786
869	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HIGH STRENGTH DEFORMED STEEL BARS	TENSILE TEST	IS 1786
870	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars	TENSILE TEST (0.2%PS, UTS, %E)	IS 1608
871	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MANUAL METAL ARC WELDING ELECTRODES	METAL RECOVERY	IS 13043
872	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	CREEP /STRESS RUPTURE TEST	ASTM E139
873	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	CREEP /STRESS RUPTURE TEST	ASTM E292
874	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FATIGUE TEST	ASTM E466
875	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS -K1C	ASTM E399
876	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS-CTOD	BS 7448 (PART 1)
877	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS-CTOD	BS 7448 (PART 1)
878	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS-CTOD	BS 7448 (PART 3)
879	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS-CTOD	BS 7448 (Part 3)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7586	Page No	43 of 56
Validity	15/07/2021 to 14/07/2023	Last Amended on	20/07/2021

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
880	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS-CTOD	ISO 12135
881	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS-J1c	ASTM E1820
882	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS-J1c	ASTM E1820
883	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	FRACTURE TOUGHNESS-K1C	ASTM E399
884	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	IZOD IMPACT OF METALS	IS 1598
885	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	IZOD IMPACT TEST	IS 1598
886	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL PLATES	THROUGH THICKNESS TENSILE TEST (%RA)	ASTM A770M
887	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METAL PLATES	THROUGH THICKNESS TENSILE TEST (%RA)	BS EN 10164
888	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (PLATE, ROD & SHEET)	BEND TEST	ASTM E290
889	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (PLATE, ROD & SHEET)	BEND TEST	IS 1599
890	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (PLATE, ROD, PIPE & SHEET)	BEND TEST	ASTM E290
891	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (WIRES, WELDED PIPES AND TUBES)	REVERSE BEND TEST	IS 1716
892	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys	BRINELL HARDNESS TEST-2.5/187.5 & 10/3000	ASTM E10
893	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys	BRINELL HARDNESS TEST-2.5/187.5 & 10/3000	BS EN ISO 6506 (PART 1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

44 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
894	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys	BRINELL HARDNESS TEST-2.5/187.5 & 10/3000	IS 1500 (PART 1)
895	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys	FATIGUE TEST	ASTM E606
896	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys	FATIGUE TEST	ASTM E647
897	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys	FLATTENING TEST	API 5L
898	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys	MICRO VICKERS HARDNESS TEST	ASTM E384
899	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys	MICRO VICKERS HARDNESS TEST	BS EN ISO 6507 (PART 1)
900	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys	MICRO VICKERS HARDNESS TEST	IS 1501 (PART 1)
901	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys	ROCKWELL HARDNESS TEST	IS 1586 (PART 1)
902	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys	ROCKWELL HARDNESS TEST	IS 1586 (PART 1)
903	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys	TENSILE TEST-Plastic Strain ratio (r)	ASTM E517
904	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys	TENSILE TEST-Strain Hardening Component (n, K)	ASTM E646
905	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys	VICKERS HARDNESS TEST	ASTM E92
906	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys	VICKERS HARDNESS TEST	BS EN ISO 6507 (PART 1)
907	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys	VICKERS HARDNESS TEST	IS 1501 (PART 1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7586	Page No	45 of 56
Validity	15/07/2021 to 14/07/2023	Last Amended on	20/07/2021

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
908	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (Boiler/Pressure Pipes)	CRUSHING STRENGTH	ASTM A370
909	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (Boiler/Pressure Tubes)	CRUSHING STRENGTH	IS 3601
910	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Plate, Rod & Alloys)	Bend Test	IBR
911	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Plate, Rod & Sheet)	BEND TEST	BS EN ISO 5173
912	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Plate, Rod & Sheet)	Bend Test	IBR
913	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Plate, Rod, Sheet)	Bend Test	ASTM A370
914	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (SHEET & STRIP)	Modified Erichsen Cupping Test	IS 10175 (Part 1)
915	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (TUBES / PIPES)	FLANGING TEST	IBR
916	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (TUBES / PIPES)	FLANGING TEST	IS 2330
917	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (TUBES / PIPES)	FLARING/ DRIFT EXPANSION TEST	IBR
918	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (TUBES / PIPES)	FLATTENING TEST	ASTM A370
919	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS (TUBES TO TUBE SHEETS MOCK-UP)	PULL OUT TEST	ASME SECTION VIII DIVISION 1
920	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Tubes/Pipes)	FLARING/ DRIFT EXPANSION TEST	ASTM B153
921	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Tubes/Pipes)	FLARING/ DRIFT EXPANSION TEST	IS 2335



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7586	Page No	46 of 56
Validity	15/07/2021 to 14/07/2023	Last Amended on	20/07/2021

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
922	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Tubes/Pipes)	FLATTENING TEST	ASTM B111/B111M
923	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS FASTENERS (NUTS)	PROOF LOAD TEST	IS 1367 (PART 6)
924	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS FASTENERS-NUTS	PROOF LOAD TEST	ASTM A370
925	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	TENSILE TEST (YS, UTS, % E, %RA,0.2%PS)	IS 1608
926	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	CHARPY IMPACT TEST	ASME SEC VIII DIV.1
927	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	CHARPY IMPACT TEST	IBR
928	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	CHARPY IMPACT TEST	IS 1757 (Part 1)
929	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	CHARPY IMPACT TEST	ISO 148 (PART 1)
930	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	TENSILE TEST (YS, UTS, % E, %RA,0.2%PS)	ASME SEC II (Part C)
931	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	TENSILE TEST (YS, UTS, % E, %RA,0.2%PS)	IS 814
932	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	CHARPY IMPACT TEST	ASTM A370
933	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	CHARPY IMPACT TEST	ASTM E23
934	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	IZOD IMPACT TEST	IBR
935	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	IZOD IMPACT TEST	IS 1598



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7586 **Page No** 47 of 56

Validity 15/07/2021 to 14/07/2023 **Last Amended on** 20/07/2021

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
936	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, COVERED ELECTRODES FOR MMAW OF CARBON & C-Mn STEEL WELDING RODS ELECTRODES & FILLER METALS	Bend Test (Butt Weld)	IS 814
937	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, Covered electrodes for MMAW of carbon & C-Mn Steel Welding Rods, electrodes & filler metals	BEND TEST	ASME SECTION IX
938	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, Covered electrodes for MMAW of Carbon & C-Mn Steel Welding rods, electrodes & filler metals	BEND TEST (Butt Weld)	API 5L (46th EDITION)
939	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS, Covered electrodes for MMAW of Carbon & C-Mn Steel Welding Rods, Electrodes & Filler Metals	CHARPY IMPACT TEST	ASTM E23
940	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLANGING TEST	ASTM A370
941	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLANGING TEST	IBR
942	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLANGING TEST	IS 2330
943	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLARING/ DRIFT EXPANSION TEST	API 5L (46th EDITION)
944	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLARING/ DRIFT EXPANSION TEST	ASTM A370
945	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLARING/ DRIFT EXPANSION TEST	IBR
946	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLARING/ DRIFT EXPANSION TEST	IS 2335
947	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLATTENING TEST	ASTM A1016/A1016M
948	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLATTENING TEST	ASTM A999/A999M
949	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLATTENING TEST	IBR



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7586	Page No	48 of 56
Validity	15/07/2021 to 14/07/2023	Last Amended on	20/07/2021

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
950	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	FLATTENING TEST	IS 2328
951	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS-(TUBES / PIPES)	REVERSE FLATTENING TEST	ASTM A370
952	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS (Wires, Welded Pipes and Tubes)	REVERSE BEND TEST	ASTM A370
953	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS (Welded Test Piece)	BEND TEST	API 1104 (21st Edition)
954	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS (Welded Test Piece)	NICK BREAK TEST	API 1104 (21st Edition)
955	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS, Covered Electrodes for MMAW of Carbon & C-Mn Steel Welding Rods Electrodes & Filler Metals	BEND TEST	API 5L (46th EDITION)
956	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS, Covered Electrodes for MMAW of Carbon & C-Mn Steel Welding Rods Electrodes & Filler Metals	CHARPY IMPACT TEST	ASME SECTION VIII DIVISION 1
957	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE TEST (YS, UTS, %E, % RA, 0.2% PS & 1% PS)	IS 1608
958	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals, Alloys	Brinell Hardness Test-2.5/187.5 & 10/3000	ASTM A370
959	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	BRINELL HARDNESS TEST-2.5/187.5 & 10/3000	ASTM E10
960	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	BRINELL HARDNESS TEST-2.5/187.5 & 10/3000	BS EN ISO 6506 (PART 1)
961	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	BRINELL HARDNESS TEST-2.5/187.5 & 10/3000	IS 1500 (PART 1)
962	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	Case Depth-Hardness Traverse Method	IS 6416
963	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	CHARPY IMPACT TEST	ISO 148 (PART 1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7586	Page No	49 of 56
Validity	15/07/2021 to 14/07/2023	Last Amended on	20/07/2021

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
964	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ELEVATED TEMPERATURE TENSILE TEST (0.2% PS, UTS, %E, %RA)-40 DEG CELSIUS TO 950 DEGREE CELSIUS	ASTM E21
965	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ELEVATED TEMPERATURE TENSILE TEST (0.2% PS, UTS, %E, %RA)-40 DEG CELSIUS TO 950 DEGREE CELSIUS	BS EN ISO 6892 (PART 2)
966	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	IZOD IMPACT TEST	IBR
967	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	MICRO VICKERS HARDNESS TEST	ASTM E384
968	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	MICRO VICKERS HARDNESS TEST	BS EN ISO 6507 (PART 1)
969	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	MICRO VICKERS HARDNESS TEST	BS EN ISO 9015 (PART 1)
970	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	MICRO VICKERS HARDNESS TEST	IS 1501 (PART 1)
971	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	MICROVICKERS HARDNESS TEST	ASTM A370
972	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ROCKWELL HARDNESS TEST	ASTM A370
973	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ROCKWELL HARDNESS TEST	ASTM E18
974	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ROCKWELL HARDNESS TEST	BS EN ISO 6508 (PART 1)
975	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ROCKWELL HARDNESS TEST	BS EN ISO 6508 (PART 1)
976	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ROCKWELL HARDNESS TEST	IS 1586 (PART 1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

50 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
977	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ROCKWELL HARDNESS TEST	IS 1586 (PART 1)
978	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	ROCKWELL HARDNESS TEST	IS 1586 (PART 1)
979	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE STRAIN HARDENING COMPONENT (n, K)	ASTM E646
980	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals, Alloys	TENSILE TEST (YS, UTS, %E, %RA, 0.2% PS & 1% PS)	IBR
981	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE TEST (YS, UTS, %E, %RA)	ASTM E8/E8M
982	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE TEST (YS, UTS, %E, %RA, 0.2% PS, 1% PS)	ASTM A370
983	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE TEST (YS, UTS, %E, %RA, 0.2%PS, 1%PS)	ASTM B557
984	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE TEST (YS, UTS, %E, %RA, 0.2%PS, 1%PS)	IS 1608
985	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals, Alloys	Tensile Test (YS, UTS, %E, %RA, 0.2%PS, 1%PS)	IBR
986	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals, Alloys	TENSILE TEST AT ROOM TEMPERATURE (YS, UTS, %E, %RA, 0.2%PS, 1%PS)	BS EN ISO 4136
987	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE TEST AT ROOM TEMPERATURE (YS, UTS, %E, %RA)	ASTM E8/E8M
988	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE TEST AT ROOM TEMPERATURE (YS, UTS, %E, %RA, 0.2%PS, 1%PS)	BS EN ISO 6892 (PART 1)
989	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	TENSILE TEST-Plastic Strain Ratio (r)	ASTM E517
990	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals, Alloys	VICKERS HARDNESS TEST	ASTM A370



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

51 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
991	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	VICKERS HARDNESS TEST	ASTM E92
992	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	VICKERS HARDNESS TEST	BS EN ISO 6507 (PART 1)
993	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	VICKERS HARDNESS TEST	BS EN ISO 9015 (PART 1)
994	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS	VICKERS HARDNESS TEST	IS 1501 (PART 1)
995	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS, ALLOYS, Covered Electrodes for MMAW of Carbon & C-Mn Steel Welding Rods, electrodes & filler metals	CHARPY IMPACT TEST	ASTM A370
996	MECHANICAL- MECHANICAL PROPERTIES OF METALS	WELDED METALS AND ALLOYS	NICK BREAK TEST	IBR
997	MECHANICAL- MECHANICAL PROPERTIES OF METALS	WELDED METALS AND ALLOYS	NICK BREAK TEST	IS 2825
998	MECHANICAL- MECHANICAL PROPERTIES OF METALS	WELDED METALS AND ALLOYS	TENSILE TEST	API 1104
999	MECHANICAL- MECHANICAL PROPERTIES OF METALS	WELDED METALS AND ALLOYS	TENSILE TEST	AWS D1.2/D1.2M
1000	MECHANICAL- MECHANICAL PROPERTIES OF METALS	WELDED METALS AND ALLOYS	TENSILE TEST	AWS D1.6/D1.6M
1001	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded Metals and Alloys	TENSILE TEST (Y.S, UTS)	ASME SECTION IX
1002	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded Metals and alloys	Tensile Test (YS, UTS)	AWS D1.1/D1.1M
1003	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded Metals and Alloys	TENSILE TEST (YS, UTS)	BS EN ISO 15614
1004	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless Steels	IGC Practice A	ASTM A262



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7586	Page No	52 of 56
Validity	15/07/2021 to 14/07/2023	Last Amended on	20/07/2021

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
1005	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEELS	IGC Practice B	ASTM A262
1006	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEELS	IGC Practice C	ASTM A262
1007	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEELS	IGC Practice C	IS 10461 (PART 1)
1008	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEELS	IGC Practice C	IS 10461 (PART 2)
1009	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEELS	IGC Practice E	ASTM A262
1010	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEELS	IGC Practice E	IS 10461 (Part 2)
1011	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC/FERRITIC (DUPLEX STAINLESS STEEL)	Chloride Stress Corrosion Test	ASTM G36
1012	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC/FERRITIC (DUPLEX STAINLESS STEEL)	Ferric Chloride Corrosion Test	ASTM A923 Method C
1013	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC/FERRITIC (DUPLEX STAINLESS STEEL)	Sodium Hydroxide Etch Test	ASTM A923 Method A
1014	MECHANICAL-METALLOGRAPHY TEST	FERRITIC, AUSTENITIC, DUPLEX (F/A) STAINLESS STEELS	IGC Test (Huey Test)	ISO 3651 (PART 1)
1015	MECHANICAL-METALLOGRAPHY TEST	Ferritic, Austenitic, Duplex(F/A) stainless steels	IGC Test-Method A, B & C	ISO 3651 (PART 2)
1016	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Macroetch Testing of Consumable Electrode Remelted Steel Bars and Billets	ASTM A604/A604M
1017	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	COATING THICKNESS MEASUREMENT	IS 3203
1018	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	DECARB MEASUREMENT	ASTM E1077
1019	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	DECARB MEASUREMENT	IS 6396
1020	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	FERRITE MEASUREMENT	ASTM E1245
1021	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	FERRITE MEASUREMENT	ASTM E562
1022	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	FERRITE MEASUREMENT by Ferritoscope	ASTM A800/A800M



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

53 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
1023	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	INCLUSION RATING IN STEEL	ASTM E45
1024	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	INCLUSION RATING IN STEEL	IS 4163
1025	MECHANICAL-METALLOGRAPHY TEST	METALS & ALLOYS	Macro Etch Test	ASTM E381
1026	MECHANICAL-METALLOGRAPHY TEST	Metals & alloys	Sulphide Stress Cracking-Four Point Bend Method	NACE TM0316
1027	MECHANICAL-METALLOGRAPHY TEST	Metals & alloys	Sulphide Stress Cracking-Method A	NACE TM0177
1028	MECHANICAL-METALLOGRAPHY TEST	Metals & alloys	Sulphide Stress Cracking-Method B	NACE TM0177
1029	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Hydrogen Induced Cracking Test	NACE TM0284
1030	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	AVERAGE GRAIN SIZE MEASUREMENT	ASTM E112
1031	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	AVERAGE GRAIN SIZE MEASUREMENT	IS 4748
1032	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Case Depth-by Microscopic Method	IS 6416
1033	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Macro Etch Test	ASME SECTION IX
1034	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Macro Etch Test	ASTM E340
1035	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Macro Etch Test	BS EN 17639
1036	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Macro Etch Test	IS 13015
1037	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Macroetch test	IS 11371
1038	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Macroetching	ASTM E340
1039	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	MICROSTRUCTURE	ASM Handbook Volume 9
1040	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	MICROSTRUCTURE	ASM HANDBOOK VOLUME IX
1041	MECHANICAL-METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Microstructure	ASTM E3



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

54 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
1042	MECHANICAL- METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Microstructure	ASTM E407
1043	MECHANICAL- METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	MICROSTRUCTURE	BS EN 17639
1044	MECHANICAL- METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	MICROSTRUCTURE	IS 7739 (PART 1)
1045	MECHANICAL- METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Microstructure of Cast Iron	ASTM A247
1046	MECHANICAL- METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	Microstructure of cast iron	IS 7754
1047	MECHANICAL- METALLOGRAPHY TEST	Metals, Alloys & Welds	AVERAGE GRAIN SIZE MEASUREMENT	ASTM E112
1048	MECHANICAL- METALLOGRAPHY TEST	METALS, ALLOYS & WELDS	AVERAGE GRAIN SIZE MEASUREMENT	IS 4748
1049	MECHANICAL- METALLOGRAPHY TEST	STAINLESS STEELS AND NICKEL BASE, CHROMIUM BEARING ALLOYS	Crevice Corrosion Test	ASTM G48 Method B
1050	MECHANICAL- METALLOGRAPHY TEST	STAINLESS STEELS AND NICKEL BASE, CHROMIUM BEARING ALLOYS	Pitting Corrosion	ASTM G48 Method A
1051	MECHANICAL- METALLOGRAPHY TEST	WROUGHT, CAST, WELDED NICKEL RICH CHROMIUM BEARING ALLOYS	Ferric sulphate-Sulphuric acid Test	ASTM G28 Method A
1052	MECHANICAL- METALLOGRAPHY TEST	WROUGHT, CAST, WELDED NICKEL RICH CHROMIUM BEARING ALLOYS	Mixed Acid-Oxidizing Salt Test	ASTM G28 Method B
1053	RADIOLOGICAL- WATER (RADIOACTIVE CONTAMINANTS)	Package drinking water/Packaged natural mineral water	Beta Emitters	IS 14194 (Part 1)
1054	RADIOLOGICAL- WATER (RADIOACTIVE CONTAMINANTS)	Industrial Effluents	Alpha Emitters	IS 14194 (Part 2)
1055	RADIOLOGICAL- WATER (RADIOACTIVE CONTAMINANTS)	Industrial Effluents	Beta Emitters	IS 14194 (Part 1)
1056	RADIOLOGICAL- WATER (RADIOACTIVE CONTAMINANTS)	Package drinking water/Packaged natural mineral water	Alpha Emitters	IS 14194 (Part 2)
1057	RADIOLOGICAL- WATER (RADIOACTIVE CONTAMINANTS)	Potable drinking Water	Alpha Emitters	IS 14194 (Part 2)
1058	RADIOLOGICAL- WATER (RADIOACTIVE CONTAMINANTS)	Potable Drinking Water	Beta emitters	IS 14194 (Part 1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF
L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

55 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
1059	RADIOLOGICAL- WATER (RADIOACTIVE CONTAMINANTS)	Water for food processing industry/water for fermentation industry/water for ice manufacturing industry/water for seafood processing industry	Alpha Emitters	IS 14194 (Part 2)
1060	RADIOLOGICAL- WATER (RADIOACTIVE CONTAMINANTS)	Water for food processing industry/water for fermentation industry/water for ice manufacturing industry/water for seafood processing industry	Beta Emitters	IS 14194 (Part 1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

METALLURGICAL SERVICES PRIVATE LIMITED, MEHTA HOUSE, ASHOK SILK MILLS LANE, OFF L.B.S MARG, GHATKPOAR (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7586

Page No

56 of 56

Validity

15/07/2021 to 14/07/2023

Last Amended on

20/07/2021

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
LOCATION 2 - 17-A/1, GROUND FLOOR, SHIV SHAKTI INDUSTRIAL ESTATE, OFF L.B.S MARG, GHATKOPAR (W), MUMBAI, MAHARASHTRA, INDIA Permanent Facility				
1	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Hydrogen Induced cracking	NACE TM0284
2	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Sulphide Stress Cracking-Four Point Bend Method	NACE TM0316
3	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Sulphide Stress Cracking-Method A	NACE TM0177
4	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Sulphide Stress Cracking-Method B	NACE TM0177