National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8977 **Page No** 1 of 18

Validity 02/09/2022 to 01/09/2024 **Last Amended on** 19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc coated Iron & Steel Articles	Mass of Zinc Coating	IS 6745
2	CHEMICAL- METALS & ALLOYS	Aluminium Base & Alloy Steels	Chromium	ASTM E1251-17a
3	CHEMICAL- METALS & ALLOYS	Aluminium Base & Alloy Steels	Copper	ASTM E1251-17a
4	CHEMICAL- METALS & ALLOYS	Aluminium Base & Alloy Steels	Iron	ASTM E1251-17a
5	CHEMICAL- METALS & ALLOYS	Aluminium Base & Alloy Steels	Lead	ASTM E1251-17a
6	CHEMICAL- METALS & ALLOYS	Aluminium Base & Alloy Steels	Magnesium	ASTM E1251-17a
7	CHEMICAL- METALS & ALLOYS	Aluminium Base & Alloy Steels	Manganese	ASTM E1251-17a
8	CHEMICAL- METALS & ALLOYS	Aluminium Base & Alloy Steels	Nickel	ASTM E1251-17a
9	CHEMICAL- METALS & ALLOYS	Aluminium Base & Alloy Steels	Silicon	ASTM E1251-17a
10	CHEMICAL- METALS & ALLOYS	Aluminium Base & Alloy Steels	Tin	ASTM E1251-17a
11	CHEMICAL- METALS & ALLOYS	Aluminium Base & Alloy Steels	Titanium	ASTM E1251-17a
12	CHEMICAL- METALS & ALLOYS	Aluminium Base & Alloy Steels	Zinc	ASTM E1251-17a
13	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	PREN Value	ASTM E 1086
14	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	PREN Value	IS 9879
15	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Aluminum	ASTM E 415
16	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Aluminum	IS 8811
17	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Aluminum	JIS G 1253
18	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Boron	ASTM E 415

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8977	**Page No**	2 of 18
Validity	02/09/2022 to 01/09/2024	**Last Amended on**	19/11/2022

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19	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Boron	JIS G 1253
20	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Carbon	ASTM E 415
21	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Carbon	IS 8811
22	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Carbon	JIS G 1253
23	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Chromium	ASTM E 415
24	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Chromium	IS 8811
25	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Chromium	JIS G 1253
26	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Cobalt	ASTM E 415
27	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Cobalt	IS 8811
28	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Cobalt	JIS G 1253
29	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Copper	ASTM E 415
30	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Copper	IS 8811
31	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Copper	JIS G 1253
32	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Manganese	ASTM E 415
33	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Manganese	IS 8811
34	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Manganese	JIS G 1253
35	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Molybdenum	ASTM E 415
36	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Molybdenum	IS 8811
37	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Molybdenum	JIS G 1253

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8977 **Page No** 3 of 18

Validity 02/09/2022 to 01/09/2024 **Last Amended on** 19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
38	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Nickel	ASTM E 415
39	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Nickel	IS 8811
40	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Nickel	JIS G 1253 (E)
41	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Niobium	ASTM E 415
42	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Niobium	IS 8811
43	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Niobium	JIS G 1253
44	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Nitrogen	ASTM E 415
45	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Nitrogen	JIS G 1253
46	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Phosphorous	ASTM E 415
47	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Phosphorous	IS 8811
48	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Phosphorous	JIS G 1253
49	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Silicon	ASTM E 415
50	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Silicon	IS 8811
51	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Silicon	JIS G 1253
52	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Sulfur	ASTM E 415
53	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Sulfur	IS 8811
54	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Sulfur	JIS G 1253
55	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Titanium	ASTM E 415
56	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Titanium	IS 8811

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8977 **Page No** 4 of 18

Validity 02/09/2022 to 01/09/2024 **Last Amended on** 19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
57	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Titanium	JIS G 1253
58	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Vanadium	ASTM E 415
59	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Vanadium	IS 8811
60	CHEMICAL- METALS & ALLOYS	Carbon And Low Alloy Steels	Vanadium	JIS G 1253
61	CHEMICAL- METALS & ALLOYS	Copper Base (Copper Zinc Alloy)	Aluminium	BS EN 15079 Table A.2
62	CHEMICAL- METALS & ALLOYS	Copper Base (Copper Zinc Alloy)	Antimony	BS EN 15079 Table A.2
63	CHEMICAL- METALS & ALLOYS	Copper Base (Copper Zinc Alloy)	Arsenic	BS EN 15079 Table A.2
64	CHEMICAL- METALS & ALLOYS	Copper Base (Copper Zinc Alloy)	Bismuth	BS EN 15079 Table A.2
65	CHEMICAL- METALS & ALLOYS	Copper Base (Copper Zinc Alloy)	Cobalt	BS EN 15079 Table A.2
66	CHEMICAL- METALS & ALLOYS	Copper Base (Copper Zinc Alloy)	Iron	BS EN 15079 Table A.2
67	CHEMICAL- METALS & ALLOYS	Copper Base (Copper Zinc Alloy)	Lead	BS EN 15079 Table A.2
68	CHEMICAL- METALS & ALLOYS	Copper Base (Copper Zinc Alloy)	Manganese	BS EN 15079 Table A.2
69	CHEMICAL- METALS & ALLOYS	Copper Base (Copper Zinc Alloy)	Nickel	BS EN 15079 Table A.2
70	CHEMICAL- METALS & ALLOYS	Copper Base (Copper Zinc Alloy)	Phosphorus	BS EN 15079 Table A.2
71	CHEMICAL- METALS & ALLOYS	Copper Base (Copper Zinc Alloy)	Silicon	BS EN 15079 Table A.2
72	CHEMICAL- METALS & ALLOYS	Copper Base (Copper Zinc Alloy)	Silver	BS EN 15079 Table A.2
73	CHEMICAL- METALS & ALLOYS	Copper Base (Copper Zinc Alloy)	Sulphur	BS EN 15079 Table A.2
74	CHEMICAL- METALS & ALLOYS	Copper Base (Copper Zinc Alloy)	Tin	BS EN 15079 Table A.2
75	CHEMICAL- METALS & ALLOYS	Copper Base (Copper Zinc Alloy)	Zinc	BS EN 15079 Table A.2

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8977	**Page No**	5 of 18
Validity	02/09/2022 to 01/09/2024	**Last Amended on**	19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
76	CHEMICAL- METALS & ALLOYS	Copper Base (Cu-Ni Cu-Sn Cu-Al, Cu-Zn-Ni Alloy)	Zinc	BS EN 15079 Table A.3
77	CHEMICAL- METALS & ALLOYS	Copper Base (Cu-Ni Cu-Sn Cu-Al, Cu-Zn-Ni Alloy)	Aluminium	BS EN 15079 Table A.3
78	CHEMICAL- METALS & ALLOYS	Copper Base (Cu-Ni Cu-Sn Cu-Al, Cu-Zn-Ni Alloy)	Antimony	BS EN 15079 Table A.3
79	CHEMICAL- METALS & ALLOYS	Copper Base (Cu-Ni Cu-Sn Cu-Al, Cu-Zn-Ni Alloy)	Arsenic	BS EN 15079 Table A.3
80	CHEMICAL- METALS & ALLOYS	Copper Base (Cu-Ni Cu-Sn Cu-Al, Cu-Zn-Ni Alloy)	Bismuth	BS EN 15079 Table A.3
81	CHEMICAL- METALS & ALLOYS	Copper Base (Cu-Ni Cu-Sn Cu-Al, Cu-Zn-Ni Alloy)	Cobalt	BS EN 15079 Table A.3
82	CHEMICAL- METALS & ALLOYS	Copper Base (Cu-Ni Cu-Sn Cu-Al, Cu-Zn-Ni Alloy)	Iron	BS EN 15079 Table A.3
83	CHEMICAL- METALS & ALLOYS	Copper Base (Cu-Ni Cu-Sn Cu-Al, Cu-Zn-Ni Alloy)	Lead	BS EN 15079 Table A.3
84	CHEMICAL- METALS & ALLOYS	Copper Base (Cu-Ni Cu-Sn Cu-Al, Cu-Zn-Ni Alloy)	Magnesium	BS EN 15079 Table A.3
85	CHEMICAL- METALS & ALLOYS	Copper Base (Cu-Ni Cu-Sn Cu-Al, Cu-Zn-Ni Alloy)	Manganese	BS EN 15079 Table A.3
86	CHEMICAL- METALS & ALLOYS	Copper Base (Cu-Ni Cu-Sn Cu-Al, Cu-Zn-Ni Alloy)	Nickel	BS EN 15079 Table A.3
87	CHEMICAL- METALS & ALLOYS	Copper Base (Cu-Ni Cu-Sn Cu-Al, Cu-Zn-Ni Alloy)	Phosphorus	BS EN 15079 Table A.3
88	CHEMICAL- METALS & ALLOYS	Copper Base (Cu-Ni Cu-Sn Cu-Al, Cu-Zn-Ni Alloy)	Silicon	BS EN 15079 Table A.3
89	CHEMICAL- METALS & ALLOYS	Copper Base (Cu-Ni Cu-Sn Cu-Al, Cu-Zn-Ni Alloy)	Silver	BS EN 15079 Table A.3
90	CHEMICAL- METALS & ALLOYS	Copper Base (Cu-Ni Cu-Sn Cu-Al, Cu-Zn-Ni Alloy)	Sulphur	BS EN 15079 Table A.3
91	CHEMICAL- METALS & ALLOYS	Copper Base (Cu-Ni Cu-Sn Cu-Al, Cu-Zn-Ni Alloy)	Tin	BS EN 15079 Table A.3
92	CHEMICAL- METALS & ALLOYS	Copper Base (Pure & Low Alloy Copper)	Antimony	BS EN 15079 Table A.1
93	CHEMICAL- METALS & ALLOYS	Copper Base (Pure & Low Alloy Copper)	Arsenic	BS EN 15079 Table A.1
94	CHEMICAL- METALS & ALLOYS	Copper Base (Pure & Low Alloy Copper)	Bismuth	BS EN 15079 Table A.1

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8977 **Page No** 6 of 18

Validity 02/09/2022 to 01/09/2024 **Last Amended on** 19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
95	CHEMICAL- METALS & ALLOYS	Copper Base (Pure & Low Alloy Copper)	Iron	BS EN 15079 Table A.1
96	CHEMICAL- METALS & ALLOYS	Copper Base (Pure & Low Alloy Copper)	Lead	BS EN 15079 Table A.1
97	CHEMICAL- METALS & ALLOYS	Copper Base (Pure & Low Alloy Copper)	Nickel	BS EN 15079 Table A.1
98	CHEMICAL- METALS & ALLOYS	Copper Base (Pure & Low Alloy Copper)	Phosphorus	BS EN 15079 Table A.1
99	CHEMICAL- METALS & ALLOYS	Copper Base (Pure & Low Alloy Copper)	Silicon	BS EN 15079 Table A.1
100	CHEMICAL- METALS & ALLOYS	Copper Base (Pure & Low Alloy Copper)	Silver	BS EN 15079 Table A.1
101	CHEMICAL- METALS & ALLOYS	Copper Base (Pure & Low Alloy Copper)	Sulphur	BS EN 15079 Table A.1
102	CHEMICAL- METALS & ALLOYS	Copper Base (Pure & Low Alloy Copper)	Tin	BS EN 15079 Table A.1
103	CHEMICAL- METALS & ALLOYS	Nickel Base & Alloys	Aluminium	ASTM E 3047
104	CHEMICAL- METALS & ALLOYS	Nickel Base & Alloys	Boron	ASTM E 3047
105	CHEMICAL- METALS & ALLOYS	Nickel Base & Alloys	Carbon	ASTM E 3047
106	CHEMICAL- METALS & ALLOYS	Nickel Base & Alloys	Chromium	ASTM E 3047
107	CHEMICAL- METALS & ALLOYS	Nickel Base & Alloys	Cobalt	ASTM E 3047
108	CHEMICAL- METALS & ALLOYS	Nickel Base & Alloys	Copper	ASTM E 3047
109	CHEMICAL- METALS & ALLOYS	Nickel Base & Alloys	Iron	ASTM E 3047
110	CHEMICAL- METALS & ALLOYS	Nickel Base & Alloys	Manganese	ASTM E 3047
111	CHEMICAL- METALS & ALLOYS	Nickel Base & Alloys	Molybdenum	ASTM E 3047
112	CHEMICAL- METALS & ALLOYS	Nickel Base & Alloys	Niobium	ASTM E 3047
113	CHEMICAL- METALS & ALLOYS	Nickel Base & Alloys	Phosphorus	ASTM E 3047

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8977	**Page No**	7 of 18
Validity	02/09/2022 to 01/09/2024	**Last Amended on**	19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
114	CHEMICAL- METALS & ALLOYS	Nickel Base & Alloys	Silicon	ASTM E 3047
115	CHEMICAL- METALS & ALLOYS	Nickel Base & Alloys	Sulphur	ASTM E 3047
116	CHEMICAL- METALS & ALLOYS	Nickel Base & Alloys	Titanium	ASTM E 3047
117	CHEMICAL- METALS & ALLOYS	Nickel Base & Alloys	Tungsten	ASTM E 3047
118	CHEMICAL- METALS & ALLOYS	Nickel Base & Alloys	Vanadium	ASTM E 3047
119	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Carbon Equivalent	ASTM 415
120	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Carbon Equivalent	IS 8811
121	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
122	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
123	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G 1253
124	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
125	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
126	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G 1253
127	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
128	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
129	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS G 1253
130	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
131	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
132	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G 1253

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8977	**Page No**	8 of 18
Validity	02/09/2022 to 01/09/2024	**Last Amended on**	19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
133	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
134	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
135	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G 1253
136	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
137	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
138	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G 1253
139	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	JIS G 1253
140	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	JIS G 1253
141	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E1086
142	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 9879
143	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	JIS G 1253
144	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
145	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
146	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	JIS G 1253
147	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	ASTM E1086
148	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	IS 9879
149	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	JIS G 1253
150	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G 1253
151	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	JIS G 1253

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8977 **Page No** 9 of 18

Validity 02/09/2022 to 01/09/2024 **Last Amended on** 19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bolt (M6 to M20)	Wedge Load Test	IS 1367 (Part 3)
153	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bolt (M6 to M20)	Wedge Load Test	IS 1367 Part 14
154	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bolt (M6 to M20)	Wedge Load Test	ISO 898 Part 1
155	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper and Copper Alloy Pipe and Tubing	Expansion (Pin Test)	ASTM B153
156	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materal	% Reduction in area	ASTM A370
157	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	% of Elongation	ASTM A370
158	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	% of Elongation	DIN EN ISO 6892-1
159	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	% of Elongation	IS:1608 (Part 1)
160	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	% Reduction	DIN EN ISO 6892-1
161	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	% Reduction	IS 1608 (Part 1)
162	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	0.2% Proof Stress	ASTM A370
163	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	0.2% Proof Stress	DIN EN ISO 6892-1
164	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	0.2% Proof Stress	IS 1608 (Part 1)
165	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Bend Test	ASTM A370

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8977	**Page No**	10 of 18
Validity	02/09/2022 to 01/09/2024	**Last Amended on**	19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
166	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Bend Test	IS:1599
167	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Brinell Hardness(100 to 300 HBW 5mm/750kgf) (100 to 600 HBW 10mm/3000kgf)	ASTM E 10
168	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Brinell Hardness(100 to 300 HBW 5mm/750kgf) (100 to 600 HBW 10mm/3000kgf)	BS EN ISO 6506
169	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Brinell Hardness(100 to 300 HBW 5mm/750kgf) (100 to 600 HBW 10mm/3000kgf)	BS EN ISO 6506
170	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Brinell Hardness(100 to 300 HBW 5mm/750kgf) (100 to 600 HBW 10mm/3000kgf)	IS 1500 Part 1
171	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Charpy V-Notch Impact Test (25°C to - 196°C)	IS 1757 P1
172	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material	Charpy V-Notch Impact Test (25°C to -196°C)	ASTM E 23/ISO 148- 1
173	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Izod Impact Test (at Room Temperature)	IS 1598
174	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Nick Break Test	API 1104
175	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Nick Break Test	IS 3600 Part 8
176	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Rockwell Hardness	ASTM E 18
177	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Rockwell Hardness	ASTM E 18
178	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Tensile Strength	ASTM A370
179	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Tensile Strength	DIN EN ISO 6892-1

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8977	**Page No**	11 of 18
Validity	02/09/2022 to 01/09/2024	**Last Amended on**	19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
180	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Tensile Strength	IS:1608 (Part 1)
181	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Transverse Tensile Test	API 1104
182	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Yield Strength	ASTM A370
183	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Yield Strength	DIN EN ISO 6892-1
184	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Yield Strength	IS 1608 (Part 1)
185	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material & Non Ferrous Material	Vickers Hardness (HV10)	ASTM E92
186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material & Non Ferrous Material	Vickers Hardness (HV10)	EN ISO 6507-1
187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material & Non Ferrous Material	Vickers Hardness (HV10)	IS 1501 (Part 1)
188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material & Non Ferrous Material	Vickers Hardness (HV5)	ASTM E92
189	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material & Non Ferrous Material	Vickers Hardness (HV5)	EN ISO 6507-1
190	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material & Non Ferrous Material	Vickers Hardness (HV5)	IS 1501 (Part 1)
191	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hex Nut (M6 to M24)	Proof Load Test	IS 1367:Part 6
192	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hex Nut (M6 to M24)	Proof Load Test (10kN to 365 kN)	ISO 898 Part 2
193	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Tensile	Bend Test	IS 1599

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8977	**Page No**	12 of 18
Validity	02/09/2022 to 01/09/2024	**Last Amended on**	19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
194	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Tensile	Mass per Meter	IS 1786
195	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Tensile	Rebend Test	IS 1786, IS 1599
196	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Tensile (TMT Bar)	% of Elongation	IS 1786
197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Tensile (TMT Bar)	0.2% Proof Stress	IS 1786
198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Tensile (TMT Bar)	Tensile Strength for Fastener Product	IS 1786
199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Tensile (TMT Bar)	Yield Strength	IS 1786
200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non - Ferrous Material (Wrought and Cast Aluminium & Magnesium alloy products)	Tensile Strength	ASTM B557/ B557M
201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	% of Elongation	ASTM E 8/8 M
202	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	% of Elongation	ASTM E 8/8M
203	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	% of Elongation	ASTM F606/606M
204	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	% of Elongation	DIN EN ISO 6892-1
205	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	% of Elongation	IS 1608 (Part 1)
206	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	% Reduction	ASTM E 8/8 M
207	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	% Reduction	ASTM E 8/8M

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8977	**Page No**	13 of 18
Validity	02/09/2022 to 01/09/2024	**Last Amended on**	19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	% Reduction	ASTM F606/606M
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	% Reduction	DIN EN ISO 6892-1
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	% Reduction	IS 1608 (Part 1)
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	0.2% Proof Stress	ASTM E 8/8 M
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	0.2% Proof Stress	DIN EN ISO 6892-1
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	0.2% Proof Stress	IS 1608 (Part 1)
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Bend Test	IS 1599
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Bend Test	ISO 7436
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Bend Test	ISO 7438
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Brinell Hardness(100 to 300 HBW 5mm/750kgf) (100 to 600 HBW 10mm/3000kgf)	ASTM E 10
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Brinell Hardness(100 to 300 HBW 5mm/750kgf) (100 to 600 HBW 10mm/3000kgf)	IS 1500 Part 1
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Double Bend Test	BS 2871 Part 2
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Drift Expansion Test	BS 2871 Part 2
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Drift Expansion Test	BS EN ISO 8493

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8977	**Page No**	14 of 18
Validity	02/09/2022 to 01/09/2024	**Last Amended on**	19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Flattening test	BS 2871 Part 2
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Flattening test	ISO 8492
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Rockwell Hardness	IS 1586 (Part1)
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Rockwell Hardness	ISO 6508 (Part 1)
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Tensile Strength	ASTM E 8/8M
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Tensile Strength	ASTM E 8/8M
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Tensile Strength	DIN EN ISO 6892-1
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Tensile Strength	IS:1608 (Part 1)
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Tensile Strength For Fastener Product	ASTM F606/606M
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Yield Strength	ASTM E 8/8M
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Yield Strength	ASTM E 8/8M
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Yield Strength	ASTM F606/606M
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Yield Strength	DIN EN ISO 6892-1
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material	Yield Strength	IS:1608 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8977 **Page No** 15 of 18

Validity 02/09/2022 to 01/09/2024 **Last Amended on** 19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe & Tubes	Bend Test	ASTM A370
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe & Tubes	Bend Test	IS 2329
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe & Tubes	Flaring Test	ASTM A 370
239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe & Tubes	Flattening Test	IS 2328
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe & Tubes	Flattening Test	ASTM A 370
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe & Tubes	Flattening test	IS 2328
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in Metal	Bend Test	API 1104
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in Metals	Bend Test : Root, Face and Side Bend	ASME BPVC Sec IX
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in Metals	Bend Test : Root, Face and Side Bend	IS 3600 Part 5
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in Metals	Transverse Tensile Strength	ASME BPVC Sec IX
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Pipes	Flattening test	ASTM B 775/ B7/ 5M
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds in Metal	Bend Test	EN ISO 5173
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds in Metal	Longitudinal Tensile Strength	IS 3600 Part 4
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds in Metal	Transverse Tensile Strength	IS 3600 Part 3

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8977	**Page No**	16 of 18
Validity	02/09/2022 to 01/09/2024	**Last Amended on**	19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds in Metal	Transverse Tensile Test	ISO 4136
251	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Intergranular Corrosion IGC Practice- A	ASTM A262
252	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Intergranular Corrosion IGC Practice B	ASTM A262
253	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Intergranular Corrosion IGC Practice C	ASTM A262
254	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Intergranular Corrosion IGC Practice F	ASTM A262
255	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Intergranular Corrosion: IGC Practice -E	ASTM A262
256	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless steel, low carbon alloy steel	Estimation of Grain Size (Comparison Method)	ASTM E112
257	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless steel, low carbon alloy steel	Estimation of Grain Size (Comparison Method)	IS 4748
258	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless steel, low carbon alloy steel	Estimation of Grain Size (Comparison Method)	ISO 643
259	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless steel, low carbon alloy steel	Inclusion Content Test	ASTM E 45: Method A
260	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless steel, low carbon alloy steel	Inclusion Content Test	IS 4163: Method A
261	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless steel, low carbon alloy steel	Inclusion Content Test	ISO 4967 Method A
262	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel (Ferrite/ Austenite)	Detecting Detrimental Intermetallic Phase Method A	ASTM A923
263	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel (Ferrite/ Austenite)	Detecting Detrimental Intermetallic Phase Method B	ASTM A923
264	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel (Ferrite/ Austenite)	Detecting Detrimental Intermetallic Phase Method C	ASTM A923
265	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel (Ferrite/ Austenite)	IGC TEST (Huey test)	ISO 3651 Part 1
266	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel (Ferrite/ Austenite)	IGC Test Method A IGC Test Method B IGC Test Method C Flattening Test For Tube	ISO 3651 Part 2

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8977	**Page No**	17 of 18
Validity	02/09/2022 to 01/09/2024	**Last Amended on**	19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
267	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel (Ferrite/ Austenite)	Volume Fraction of Different Phase by Systematic Manual Count [Magnification 100X to 1000X]	ASTM E 562
268	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material	Determination of Depth of Decarbuized layer in Steel	ASTM E 1077
269	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material	Determination of Depth of Decarbuized layer in Steel	IS 6396
270	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material	HIC	NACE TM 0284
271	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material	Macro Test	ASTM E381
272	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material	Micro Structure Examination	ASM Handbook Vol- 9
273	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material (Case –Hardened Steel)	Determination of Case Depth	IS 6416
274	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Material	0.2% Proof Stress	ASTM A557/ B557M
275	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Material	Mercurous Nitrate Test	ASTM B 154
276	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Material	Mercurous Nitrate Test	IS 2305
277	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Material	Micro Structure Examination	ASM Handbook Vol- 9
278	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous metals, alloys & products	Estimation of Grain Size (Comparison Method)	ASTM E112
279	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and related Alloys	Crevice Corrosion Test Method B	ASTM G48 Method B
280	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and related Alloys	Crevice Corrosion Test Method D	ASTM G48 Method D
281	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and related Alloys	Crevice Corrosion Test Method F	ASTM G48 Method F
282	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and related Alloys	Pitting Corrosion Test	ASTM G48 Method A
283	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and related Alloys	Pitting Corrosion Test	ASTM G48 Method A
284	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and related Alloys	Pitting Corrosion Test	ASTM G48 Method C

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST & ENGINEERING SERVICES, 3, PLOT NO.: W-120, MIDC PHASE II, DOMBIVALI (EAST), DOMBIVLI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8977 **Page No** 18 of 18

Validity 02/09/2022 to 01/09/2024 **Last Amended on** 19/11/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
285	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and related Alloys	Pitting Corrosion Test	ASTM G48 Method E
286	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and related Alloys	Resistance to Intergranular Corrosion IGC Practice W	ASTM A 763
287	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and related Alloys	Resistance to Intergranular Corrosion IGC Practice X	ASTM A 763
288	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and related Alloys	Resistance to Intergranular Corrosion IGC Practice Y	ASTM A 763
289	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and related Alloys	Resistance to Intergranular Corrosion IGC Practice Z	ASTM A 763
290	MECHANICAL-METALLOGRAPHY TEST	Steel Casting, Austenitic Alloy	Ferrite Content (by Ferritoscope Method)	ASTM A 799/ A 799M/ASTM A800/ A800M Se.S1
291	MECHANICAL-METALLOGRAPHY TEST	Welds in Metal	Macro Test	EN ISO 17639
292	MECHANICAL-METALLOGRAPHY TEST	Wrought, Nickel Rich, Chromium- Bearing Alloys	Susceptibility to Intergranular Corrosion- Method A	ASTM G28 Method A