National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8456 **Page No** 1 of 27

Validity 22/04/2022 to 21/04/2024 **Last Amended on** 19/05/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- CORROSION TESTS	Anodized Products / Panels / Raw Materials	Neutral Salt Spray Testing	ASTM B117
2	CHEMICAL- CORROSION TESTS	Anodized Products / Panels / Raw Materials	Neutral Salt Spray Testing	ISO 9227
3	CHEMICAL- CORROSION TESTS	Coated Products / Panels / Raw Materials	Neutral Salt Spray Testing	ASTM B117
4	CHEMICAL- CORROSION TESTS	Coated Products / Panels / Raw Materials	Neutral Salt Spray Testing	ISO 9227
5	CHEMICAL- CORROSION TESTS	Inorganic & Organic coated produc/ material	Neutral Salt Spray Testing	ASTM B117
6	CHEMICAL- CORROSION TESTS	Inorganic & Organic coated produc/ material	Neutral Salt Spray Testing	ISO 9227
7	CHEMICAL- CORROSION TESTS	Mettalic products and Raw Materials	Neutral Salt Spray Testing	ASTM B117
8	CHEMICAL- CORROSION TESTS	Mettalic products and Raw Materials	Neutral Salt Spray Testing	ISO 9227
9	CHEMICAL- CORROSION TESTS	Painted Products / Panels / Raw Materials	Neutral Salt Spray Testing	ASTM B117
10	CHEMICAL- CORROSION TESTS	Painted Products / Panels / Raw Materials	Neutral Salt Spray Testing	ISO 9227
11	CHEMICAL- CORROSION TESTS	Plated Products / Panels / Raw Materials	Neutral Salt Spray Testing	ASTM B117
12	CHEMICAL- CORROSION TESTS	Plated Products / Panels / Raw Materials	Neutral Salt Spray Testing	ISO 9227
13	CHEMICAL- CORROSION TESTS	Zinc Coating on Ferrous metal	Mass of Zinc coating by stripping method	IS 6745
14	CHEMICAL- CORROSION TESTS	Zinc Coating on Iron & Steel article	Mass of Zinc coating	ASTM A90/A90M
15	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Chromium	ASTM E1251
16	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Cobalt	ASTM E1251
17	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Copper	ASTM E1251
18	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Iron	ASTM E1251

SCOPE OF ACCREDITATION

Laboratory Name : AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8456 **Page No** 2 of 27

Validity 22/04/2022 to 21/04/2024 **Last Amended on** 19/05/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
19	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Lead	ASTM E1251
20	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Magnesium	ASTM E1251
21	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Manganese	ASTM E1251
22	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Nickel	ASTM E1251
23	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Silicon	ASTM E1251
24	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Tin	ASTM E1251
25	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Titanium	ASTM E1251
26	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Vanadium	ASTM E1251
27	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Zinc	ASTM E1251
28	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Zirconium	ASTM E1251
29	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Aluminium	ASTM E415
30	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Aluminium	IS 8811
31	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Aluminium	JIS G 1253
32	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Arsenic	JIS G 1253
33	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Boron	ASTM E415
34	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Boron	IS 8811
35	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Boron	JIS G 1253
36	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Carbon	ASTM E415
37	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Carbon	IS 8811

SCOPE OF ACCREDITATION

Laboratory Name : AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8456 **Page No** 3 of 27

Validity 22/04/2022 to 21/04/2024 **Last Amended on** 19/05/2022

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 & Alloy Steels	Carbon	JIS G 1253
39	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Chromium	ASTM E415
40	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Chromium	IS 8811
41	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Chromium	JIS G 1253
42	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Cobalt	ASTM E415
43	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Cobalt	IS 8811
44	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Cobalt	JIS G 1253
45	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Copper	ASTM E415
46	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Copper	JIS G 1253
47	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Lead	JIS G 1253
48	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Manganese	ASTM E415
49	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Manganese	IS 8811
50	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Manganese	JIS G 1253
51	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Molybdenum	ASTM E415
52	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Molybdenum	IS 8811
53	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Molybdenum	JIS G 1253
54	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Nickel	ASTM E415
55	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Nickel	IS 8811
56	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Nickel	JIS G 1253

SCOPE OF ACCREDITATION

Laboratory Name : AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8456 **Page No** 4 of 27

Validity 22/04/2022 to 21/04/2024 **Last Amended on** 19/05/2022

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 & Alloy Steels	Niobium	ASTM E415
58	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Niobium	IS 8811
59	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Niobium	JIS G 1253
60	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Nitrogen	ASTM E415
61	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Nitrogen	JIS G 1253
62	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Phosphorous	ASTM E415
63	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Phosphorous	IS 8811
64	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Phosphorus	JIS G 1253
65	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Silicon	ASTM E415
66	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Silicon	IS 8811
67	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Silicon	JIS G 1253
68	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Sulfur	ASTM E415
69	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Sulfur	IS 8811
70	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Sulfur	JIS G 1253
71	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Tin	ASTM E415
72	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Tin	IS 8811
73	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Tin	JIS G 1253
74	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Titanium	ASTM E415
75	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Titanium	IS 8811

SCOPE OF ACCREDITATION

Laboratory Name : AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8456 **Page No** 5 of 27

Validity 22/04/2022 to 21/04/2024 **Last Amended on** 19/05/2022

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	Carbon & Alloy Steels	Titanium	JIS G 1253
77	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Tungsten	JIS G 1253
78	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Vanadium	ASTM E415
79	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Vanadium	IS 8811
80	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Vanadium	JIS G 1253
81	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	IS 15338
82	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	JIS G1253
83	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E1999
84	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 15338
85	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	JIS G 1253
86	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E1999
87	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	IS 15338
88	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	JIS G1253
89	CHEMICAL- METALS & ALLOYS	Cast Iron	Cobalt	JIS G1253
90	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E1999
91	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	IS 15388
92	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	JIS G1253
93	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium	JIS G1253
94	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E1999

SCOPE OF ACCREDITATION

Laboratory Name : AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8456 **Page No** 6 of 27

Validity 22/04/2022 to 21/04/2024 **Last Amended on** 19/05/2022

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	Cast Iron	Manganese	IS 15338
96	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	JIS G1253
97	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E1999
98	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	IS 15338
99	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	JIS G1253
100	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E1999
101	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 15338
102	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	JIS G1253
103	CHEMICAL- METALS & ALLOYS	Cast Iron	Niobium	JIS G1253
104	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	ASTM E1999
105	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	IS 15338
106	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	JIS G1253
107	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E1999
108	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 15338
109	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	JIS G1253
110	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	ASTM E1999
111	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	IS 15338
112	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	JIS G1253
113	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	ASTM E1999

SCOPE OF ACCREDITATION

Laboratory Name : AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8456 **Page No** 7 of 27

Validity 22/04/2022 to 21/04/2024 **Last Amended on** 19/05/2022

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	Cast Iron	Tin	JIS G1253
115	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	ASTM E1999
116	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	JIS G1253
117	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	ASTM E1999
118	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	IS 15338
119	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	JIS G1253
120	CHEMICAL- METALS & ALLOYS	Copper	Aluminium	BS EN 15079
121	CHEMICAL- METALS & ALLOYS	Copper	Antimony	BS EN 15079
122	CHEMICAL- METALS & ALLOYS	Copper	Iron	BS EN 15079
123	CHEMICAL- METALS & ALLOYS	Copper	Lead	BS EN 15079
124	CHEMICAL- METALS & ALLOYS	Copper	Manganese	BS EN 15079
125	CHEMICAL- METALS & ALLOYS	Copper	Nickel	BS EN 15079
126	CHEMICAL- METALS & ALLOYS	Copper	Phosphorus	BS EN 15079
127	CHEMICAL- METALS & ALLOYS	Copper	Silicon	BS EN 15079
128	CHEMICAL- METALS & ALLOYS	Copper	Silver	BS EN 15079
129	CHEMICAL- METALS & ALLOYS	Copper	Sulphur	BS En 15079
130	CHEMICAL- METALS & ALLOYS	Copper	Tin	BS EN 15079
131	CHEMICAL- METALS & ALLOYS	Nickel	Aluminium	ASTM E3047
132	CHEMICAL- METALS & ALLOYS	Nickel	Boron	ASTM E3047

SCOPE OF ACCREDITATION

Laboratory Name : AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8456 **Page No** 8 of 27

Validity 22/04/2022 to 21/04/2024 **Last Amended on** 19/05/2022

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	Nickel	Carbon	ASTM E3047
134	CHEMICAL- METALS & ALLOYS	Nickel	Chromium	ASTM E3047
135	CHEMICAL- METALS & ALLOYS	Nickel	Cobalt	ASTM E3047
136	CHEMICAL- METALS & ALLOYS	Nickel	Copper	ASTM E3047
137	CHEMICAL- METALS & ALLOYS	Nickel	Iron	ASTM E3047
138	CHEMICAL- METALS & ALLOYS	Nickel	Manganese	ASTM E3047
139	CHEMICAL- METALS & ALLOYS	Nickel	Molybdenum	ASTM E 3047
140	CHEMICAL- METALS & ALLOYS	Nickel	Niobium	ASTM E3047
141	CHEMICAL- METALS & ALLOYS	Nickel	Phosphorus	ASTM E3047
142	CHEMICAL- METALS & ALLOYS	Nickel	Silicon	ASTM E3047
143	CHEMICAL- METALS & ALLOYS	Nickel	Sulphur	ASTM E3047
144	CHEMICAL- METALS & ALLOYS	Nickel	Tin	ASTM E3047
145	CHEMICAL- METALS & ALLOYS	Nickel	Titanium	ASTM E3047
146	CHEMICAL- METALS & ALLOYS	Nickel	Tungsten	ASTM E3047
147	CHEMICAL- METALS & ALLOYS	Nickel	Vanadium	ASTM E3047
148	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	JIS G 1253
149	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	JIS G 1253
150	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
151	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879

SCOPE OF ACCREDITATION

Laboratory Name :	AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8456
Page No	9 of 27
Validity	22/04/2022 to 21/04/2024
Last Amended on	19/05/2022

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	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G 1253
153	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
154	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
155	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G 1253
156	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	JIS G 1253
157	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
158	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
159	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS G 1253
160	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
161	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
162	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G 1253
163	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
164	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
165	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G 1253
166	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
167	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
168	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G 1253
169	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	JIS G 1253
170	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 228(Part 23)

SCOPE OF ACCREDITATION

Laboratory Name : AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8456 **Page No** 10 of 27

Validity 22/04/2022 to 21/04/2024 **Last Amended on** 19/05/2022

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
171	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	JIS G 1253
172	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E1086
173	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	JIS G 1253
174	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosporous	IS 9879
175	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
176	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
177	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	JIS G 1253
178	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	ASTM E1086
179	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	JIS G 1253
180	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
181	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tantalum	JIS G 1253
182	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G 1253
183	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	JIS G 1253
184	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS G 1253
185	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Aluminium	ASTM E2994
186	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Chromium	ASTM E2994
187	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Copper	ASTM E2994
188	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Iron	ASTM E2994
189	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Molybdenum	ASTM E2994

SCOPE OF ACCREDITATION

Laboratory Name : AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8456 **Page No** 11 of 27

Validity 22/04/2022 to 21/04/2024 **Last Amended on** 19/05/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
190	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Nickel	ASTM E2994
191	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Tin	ASTM E2994
192	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Vanadium	ASTM E2994
193	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Zirconium	ASTM E2994
194	CHEMICAL- METALS & ALLOYS	Titanium & Tittanium Alloys	Silicon	ASTM E2994
195	CHEMICAL- METALS & ALLOYS	Tool Steel	Aluminium	JIS G 1253
196	CHEMICAL- METALS & ALLOYS	Tool Steel	Arsenic	JIS G 1253
197	CHEMICAL- METALS & ALLOYS	Tool Steel	carbon	JIS G 1253
198	CHEMICAL- METALS & ALLOYS	Tool Steel	chromium	JIS G 1253
199	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt	JIS G 1253
200	CHEMICAL- METALS & ALLOYS	Tool Steel	Copper	JIS G 1253
201	CHEMICAL- METALS & ALLOYS	Tool Steel	manganese	JIS G 1253
202	CHEMICAL- METALS & ALLOYS	Tool Steel	molybdenum	JIS G 1253
203	CHEMICAL- METALS & ALLOYS	Tool Steel	nickel	JIS G 1253
204	CHEMICAL- METALS & ALLOYS	Tool Steel	Niobium	JIS G1253
205	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosporous	JIS G 1253
206	CHEMICAL- METALS & ALLOYS	Tool Steel	silicon	JIS G 1253
207	CHEMICAL- METALS & ALLOYS	Tool Steel	sulphur	JIS G 1253
208	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	JIS G 1253

SCOPE OF ACCREDITATION

Laboratory Name : AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8456 **Page No** 12 of 27

Validity 22/04/2022 to 21/04/2024 **Last Amended on** 19/05/2022

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
209	CHEMICAL- METALS & ALLOYS	Tool Steel	vanadium	JIS G 1253
210	CHEMICAL- METALS & ALLOYS	Zinc &Zinc Alloys	Aluminium	ISO 3815-1
211	CHEMICAL- METALS & ALLOYS	Zinc &Zinc Alloys	Cadminium	ISO 3815-1
212	CHEMICAL- METALS & ALLOYS	Zinc &Zinc Alloys	Copper	ISO 3815-1
213	CHEMICAL- METALS & ALLOYS	Zinc &Zinc Alloys	Iron	ISO 3815-1
214	CHEMICAL- METALS & ALLOYS	Zinc &Zinc Alloys	Lead	ISO 3815-1
215	CHEMICAL- METALS & ALLOYS	Zinc &Zinc Alloys	Magnesium	ISO 3815-1
216	CHEMICAL- METALS & ALLOYS	Zinc &Zinc Alloys	Tin	ISO 3815-1
217	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings etc made of Ferrous Metal	Brinell Hardness Test (10/3000)	ASTM E10
218	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Copper Alloys	Brinell Hardness Test (10/1000)	ASTM E10
219	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Copper Alloys	Brinell Hardness Test (10/1000)	IS 1500 Part 1
220	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Copper Alloys	Brinell Hardness Test (10/1000)	ISO 6506-1
221	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Copper Material	Brinell Hardness Test (10/500)	IS 1500 Part 1
222	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Copper material	Brinell Hardness Test (10/500)	ISO 6506-1
223	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Copper Metals	Brinell Hardness Test (10/500)	ASTM E10
224	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Ferrous material	Brinell Hardness (5/750)	IS 1500 Part1

SCOPE OF ACCREDITATION

Laboratory Name :	AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8456	**Page No**	13 of 27
Validity	22/04/2022 to 21/04/2024	**Last Amended on**	19/05/2022

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
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Ferrous material	Brinell Hardness Test (10/3000)	ISO 6506-1
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Ferrous material	Brinell Hardness Test (5/750)	ASTM E10
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Ferrous material	Brinell Hardness Test (5/750)	ISO 6506-1
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Ferrous material	Brinell Hardness Test(10/3000)	IS 1500
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Non-Ferrous material	Brinell Hardness Test (10/1000)	ASTM E10
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Non-Ferrous material	Brinell Hardness Test (10/1000)	IS 1500 Part 1
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Non-Ferrous material	Brinell Hardness Test (10/1000)	ISO 6506-1
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Non-Ferrous material	Brinell Hardness Test (10/3000)	ASTM E10
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Non-Ferrous material	Brinell Hardness Test (10/3000)	IS 1500 Part 1
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Non-Ferrous material	Brinell Hardness Test (10/3000)	ISO 6506-1
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Non-Ferrous material	Brinell hardness Test (5/750)	IS 1500 Part 1
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Non-Ferrous material	Brinell Hardness Tester (5/750)	ASTM E10
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Non-Ferrous material	Brinell Hardness Tester (5/750)	ISO 6506-1
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Non-Ferrous Metals	Brinell Hardness Test (10/500)	ASTM E10

SCOPE OF ACCREDITATION

Laboratory Name :	AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8456	**Page No**	14 of 27
Validity	22/04/2022 to 21/04/2024	**Last Amended on**	19/05/2022

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
239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Non-Ferrous Metals	Brinell Hardness Test (10/500)	IS 1500 Part 1
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Billets, Bars, Forgings, Castings and allied products from Non-Ferrous Metals	Brinell Hardness Test (10/500)	ISO 6506-1
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bolts, Screws and Studs	Axial & Wedge Tensile Test	IS 1367 Part 3
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Bolts, Screws and Studs	Axial & Wedge Tensile Test	ISO 898-1
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon, Ferritic and Austenitic Alloy Steel Tubes	Flaring Test	ASTM A450/A450M
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper alloys & products	Tensile Strength	ISO 6892-1
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper material & alloys	%Reduction in Area	ISO 6892 - 1
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Material & alloys	Yield Strength	ISO 6892 - 1
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials & alloys	% Elongation	ISO 6892 - 1
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	Bend Test	IS 1599
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	Bend Test	ISO 7438
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Externally & Internally threaded fasteners	Proof Load Test	ASTM F606/F606M
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Externally threaded fasteners	Axial & Wedge Tensile Test	ASTM F606/F606M
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Externally Threaded Fasteners - Bolts, Screws and Studs	Proof Load Test	IS 1367 Part 3

SCOPE OF ACCREDITATION

Laboratory Name :	AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8456	**Page No**	15 of 27
Validity	22/04/2022 to 21/04/2024	**Last Amended on**	19/05/2022

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
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Externally Threaded Fasteners - Bolts, Screws and Studs	Proof Load Test	ISO 898-1
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous material	Bend Test(Face bend / Root Bend / Side Bend)	EN ISO : 15614 Part 1
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous material	Bend Test(Face Bend / Root Bend / Side Bend)	IS 7307 Part1
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Bend Test (Face Bend/ Root Bend / Side Bend)	En 13458 Part 2
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous materials	Bend Test (Face Bend / Root Bend/ Side Bend)	API 1104
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous materials	Bend Test(Face Bend / Root Bend / Side Bend)	ASME SEC IX
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous materials	Charphy Impact Test (Ambient to minus 196 Degree Celsius)	ISO 9016
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous materials	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	IS 1757 Part 1
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous materials	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	IS 1499
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals Including Weld Metals	Micro Vickers Hardness - HV 0.3	ASTM E384
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals Including Weld Metals	Charpy Impact Test (Ambient to -196 deg C)	ISO 148 -1
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals Including Weld Metals	Hardness Test on Weld metals (Individual indentation)	ISO 9015 - 1
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals Including Weld Metals	Impact - Izod Test	IS 1598
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals Including Weld Metals	Tensile Strength	ASTM E8 / E8M

SCOPE OF ACCREDITATION

Laboratory Name : AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8456 **Page No** 16 of 27

Validity 22/04/2022 to 21/04/2024 **Last Amended on** 19/05/2022

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-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals Including Weld Metals	Tensile Strength	IS 1608 Part1
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals Including Weld Metals	Transverse Bend Test	AWS D1.1/D1.1M
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals Including Weld Metals	Yield Strength and % Offset Proof Strength	ASTM E8/E8M
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals Including Weld Metals	Yield Strength and % Offset Proof Strength	IS 1608 Part1
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Charphy Impact Test(Ambient to minus 196 Degree Celsius)	EN ISO 15614 Part 1
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Welded Joints	Tensile Strength	API 1104
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Welded Joints	Tensile Strength	EN ISO 15614
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Welded Joints	Tensile Strength	IS 7307 (part 1)
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous alloy products including weld material	Pull out/ Push out Test	ASME SEC VIII Division 1
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloy products including weld material	Pull out/Push out Test	ASME Section IX
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	FRACTURE TEST	ASME SECTION 1X
278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	FRACTURE TEST	IS 7307 (PART 1)
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	FRACTURE TEST	ISO 9017
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Rockwell Hardness Test (HRBW)	IS 1586 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8456 **Page No** 17 of 27

Validity 22/04/2022 to 21/04/2024 **Last Amended on** 19/05/2022

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
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Micro Vickers Hardness Test (HV0. 1)	ASTM E384
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Micro Vickers Hardness Test (HV0.2)	ASTM E384
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Micro Vickers Hardness Test (HV0.5)	ASTM E384
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Micro Vickers Hardness Test (HV1)	ASTM E384
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Rockwell Hardness Test	ASTM E18
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Rockwell Hardness Test (HRA)	ASTM E18
287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Rockwell Hardness Test (HRA)	IS 1586 (Part 1)
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Rockwell Hardness Test (HRBW)	ASTM E18
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Rockwell Hardness Test (HRC)	ASTM E18
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Rockwell Hardness Test (HRC)	IS 1586 (Part 1)
291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Rockwell Superficial Hardness Test	ASTM E18
292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Rockwell Superficial Hardness Test	ASTM E18
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Rockwell Superficial Hardness Test	IS 1586 (Part 1)
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Rockwell Superficial Hardness Test	IS 1586 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name :	AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8456
Page No	18 of 27
Validity	22/04/2022 to 21/04/2024
Last Amended on	19/05/2022

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
295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Rockwell Superficial Hardness Test (HR15N)	ASTM E18
296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Rockwell Superficial Hardness Test (HR15N)	IS 1586 (Part 1)
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Rockwell Superficial Hardness Test (HR30N)	ASTM E18
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Rockwell Superficial Hardness Test (HR30N)	IS 1586 (Part 1)
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Vickers Hardness Test	ASTM E92
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Vickers Hardness Test	ASTM E92
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Vickers Hardness Test	IS 1501 (Part 1)
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Vickers Hardness Test (HV1)	ASTM E92
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Vickers Hardness Test (HV1, 5, 10)	IS 1501 (Part 1)
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Vickers Hardness Test (HV10)	ASTM E92
305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Vickers Hardness Test (HV10)	IS 1501 (Part 1)
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Vickers Hardness Test (HV5)	ASTM E92
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Vickers Hardness Test (HV5)	ASTM E92
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Alloy Products	Vickers Hardness Test (HV5)	IS 1501 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8456 **Page No** 19 of 27

Validity 22/04/2022 to 21/04/2024 **Last Amended on** 19/05/2022

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
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous materials	Bend Test (Face Bend/ Root Bend / Side Bend)	ISO 5173
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Welded Joints	Tensile Strength	ASME section IX
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Welded Joints	Tensile Strength	EN ISO 4136
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material & Alloy	Tensile Strength	ISO 6892-1
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material & alloys	%Elongation	ISO 6892 - 1
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material & alloys	%Reduction in Area	ISO 6892 - 1
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials & alloys	Yield Strength	ISO 6892 - 1
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, alloys & products	Flaring Test	ASTM A370
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Bend Test	ASTM A370
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Bend Test	ISO 7438
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Bend Test (Face Bend/ Root Bend / Side Bend)	AWS D1.1
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Charphy Impact Test (Ambient to mimnus 196 Degree Celsius)	IS 1499
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Charphy Impact Test (Ambient to minus 196 Degree Celsius)	IS 1757 Part 1
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Charpy Impact Test (Ambient to mimnus 196 Degree Celsius)	IS 1499

SCOPE OF ACCREDITATION

Laboratory Name :	AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8456	**Page No**	20 of 27
Validity	22/04/2022 to 21/04/2024	**Last Amended on**	19/05/2022

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
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Charpy Impact Test (Ambient to minus 196 Degree Celsius)	IS 1757 Part 1
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Crush Test	ASTM A370
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous tubes	Flattening Test	IS 2328
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Weldments	Fracture Test	AWS D1.1
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	% Elongation	ASTM E8/E8M
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	% Elongation	IS 1608 Part1
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	% Reduction in Area	ASTM A370
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	% Reduction in Area	ASTM E8/E8M
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	% Reduction in Area	IS 1608 Part1
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	IS 1599
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Ferrous Products)	Low Force Vickers Hardness Test, (HV 0.3)	ISO 6507 Part 1
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Ferrous Products)	Low Force Vickers Hardness Test, (HV 0.5)	ISO 6507 Part 1
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Ferrous Products)	Low Force Vickers Hardness Test, (HV 1)	ISO 6507 Part 1
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Ferrous Products)	Microvickers Hardness Test, (HV 0.1)	ISO 6507 Part 1

SCOPE OF ACCREDITATION

Laboratory Name :	AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8456	**Page No**	21 of 27
Validity	22/04/2022 to 21/04/2024	**Last Amended on**	19/05/2022

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
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Ferrous Products)	Microvickers Hardness Test, (HV 0.2)	ISO 6507 Part 1
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Ferrous Products)	Rockwell Hardness (HRA)	ISO 6508 Part 1
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Ferrous Products)	Rockwell Hardness Test (HRC)	ISO 6508 Part 1
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Ferrous Products)	Rockwell hardness Test(HRBW)	ISO 6508 Part 1
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Ferrous Products)	Rockwell superficial hardness test(HR 15N)	ISO 6508 Part 1
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Ferrous Products)	Rockwell superficial hardness test(HR30N)	ISO 6508 Part 1
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Ferrous Products)	Vickers Hardness Test (HV 5)	ISO 6507 Part 1
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Ferrous Products)	Vickers Hardness Test (HV10)	ISO 6507 part 1
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Non Ferrous Products)	Low Force Vickers Hardness Test (HV 1)	ISO 6507 Part 1
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Non Ferrous Products)	Low Force Vickers Hardness Test, (HV 0.3)	ISO 6507 Part 1
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Non Ferrous Products)	Low Force Vickers Hardness Test, (HV 0.5)	ISO 6507 Part 1
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Non Ferrous Products)	Micro Vickers Hardness Test, (HV 0.2)	ISO 6507 Part 1
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Non Ferrous Products)	Micro Vickers Hardness Test,(HV 0.1)	ISO 6507 Part 1
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Non Ferrous Products)	Rockwell Hardness Test (HRA)	ISO 6508 Part 1

SCOPE OF ACCREDITATION

Laboratory Name :	AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8456	**Page No**	22 of 27
Validity	22/04/2022 to 21/04/2024	**Last Amended on**	19/05/2022

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
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Non Ferrous Products)	Rockwell Hardness Test (HRBW)	ISO 6508 Part 1
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Non Ferrous Products)	Rockwell Hardness Test (HRC)	ISO 6508 Part 1
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Non Ferrous Products)	Rockwell superficial Hardness Test (HR 15N)	ISO 6508 Part 1
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Non Ferrous Products)	Rockwell Superficial Hardness Test (HR30N)	ISO 6508 Part 1
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Non Ferrous Products)	Vickers Hardness Test (HV 10)	ISO 6507 Part 1
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Non Ferrous Products)	Vickers Hardness Test (HV 5)	ISO 6507 Part 1
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous alloy products including Weld material	Pull out/ Push out Test	ASME Sec IX
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous alloy products including Weld material	Pull out/ Push out Test	ASME Section VIII Division 1
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous Material	Tensile Strength	ISO : 6892-1
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Material & alloys	% Elongation	ISO 6892 - 1
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous Materials & alloys	Yield Strength	ISO 6892 - 1
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous metals, alloys & products	Charphy Impact Test (Ambient to minus 196 Degree Celsius)	IS 1499
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous metals, alloys & products	Charphy Impact Test (Ambient to mminus 196 Degree Celsius)	IS 1757 Part 1
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Tubes	Flattening Test	IS 2328

SCOPE OF ACCREDITATION

Laboratory Name : AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8456 **Page No** 23 of 27

Validity 22/04/2022 to 21/04/2024 **Last Amended on** 19/05/2022

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
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous metal & alloys	%Reduction in Area	ISO 6892 - 1
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nuts	Proof Load Test	IS 1367 Part 6
367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nuts	Proof Load Test	ISO 898-2
368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Bend Test	ISO 7438
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Raw material and Proceed products	Compression Test	ASTM E9
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Raw Material and Products from Non-Ferrous material	Compression Test	ASTM E9
371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Weldments	Fracture Test	AWS D1.6 / D1.6 M
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	% Elongation	ASTM A370
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	% Reduction in Area	ASTM A370
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Bend Test	ASTM A370
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Crush Test	ASTM A370
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Flattening Test	ASTM A370
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Hardness test-Rockwell Hardness(HRA)	ASTM A370
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Rockwell Hardness Test (HRBW)	ASTM A370

SCOPE OF ACCREDITATION

Laboratory Name :	AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8456	**Page No**	24 of 27
Validity	22/04/2022 to 21/04/2024	**Last Amended on**	19/05/2022

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
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Rockwell Hardness test (HRC)	ASTM A370
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Tensile Strength	ASTM A370
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Tensile Strength	ASTM A370
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Yield Strength and % Offset Proof Strength	ASTM A370
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes	Drift Expanding Test	IS 2335
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes	Flaring Test / Flanging Test	IS 2330
385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel tubes	Flattening Test	ASTM A530/ A530M
386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel material	Bend Test	IS 1599
387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes	Flaring Test/ Flanging Test	IS 2330
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes made of Non-Ferrous Material	Drift Expanding Test	IS 2335
389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in Metals - Stainless Steel	Tensile Strength	AWS D1.6/D1.6M
390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in Metals - Structural Steel	Face/Root/Side Bend	AWS D1.1/D1.1M
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in Metals - Structural Steel	Tensile Strength	AWS D1.1/D1.1M
392	MECHANICAL-METALLOGRAPHY TEST	Aluminium alloys	Micro Examination	ASM Handbook Volume 9

SCOPE OF ACCREDITATION

Laboratory Name :	AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8456
Page No	25 of 27
Validity	22/04/2022 to 21/04/2024
Last Amended on	19/05/2022

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
393	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel Products	Inter Granular Corrosion Test - Practice B	ASTM A262
394	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel Products	Inter Granular Corrosion Test - Practice C	ASTM A262
395	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel Products	Inter Granular Corrosion Test - Practice E	ASTM A262
396	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel Products	Inter Granular Corrosion Test - Practice A	ASTM A262
397	MECHANICAL-METALLOGRAPHY TEST	carbon & carbon alloy steels	Jominy End quench test	ASTM A255-10
398	MECHANICAL-METALLOGRAPHY TEST	carbon & carbon alloy steels	jominy End quench test	IS 3848
399	MECHANICAL-METALLOGRAPHY TEST	carbon & carbon alloy steels	jominy end quench test	ISO 642
400	MECHANICAL-METALLOGRAPHY TEST	Carbon and Alloy Steel, Cast iron, Tool Steel, and Stainless Steel.	Micro Examination	ASM Handbook Volume 9
401	MECHANICAL-METALLOGRAPHY TEST	Case Depth of Steel	Effective Case Depth (Micro Hardness Method - HV 0.1)	IS 6416
402	MECHANICAL-METALLOGRAPHY TEST	Case Depth of Steel	Effective Case Depth (Micro Hardness Method) HV0.2	IS 6416
403	MECHANICAL-METALLOGRAPHY TEST	Case Depth of Steel	Surface Hardened Layer Thickness (Micro Hardness Method - HV 0.1)	ISO 18203
404	MECHANICAL-METALLOGRAPHY TEST	Case Depth of Steel	Surface Hardened Layer Thickness (Micro Hardness Method - HV 0.2)	ISO 18203
405	MECHANICAL-METALLOGRAPHY TEST	Case Depth of Steel	Surface Hardened Layer Thickness (Micro Hardness Method - HV 0.3)	ISO 18203
406	MECHANICAL-METALLOGRAPHY TEST	Case Depth of Steel	Surface Hardened Layer Thickness (Micro Hardness Method - HV 0.5)	ISO 18203
407	MECHANICAL-METALLOGRAPHY TEST	Case Depth of Steel	Surface Hardened Layer Thickness (Microscopic Method)	ISO 18203
408	MECHANICAL-METALLOGRAPHY TEST	Case Depth of Steel	Surface Hardened Layer thickness (Micro Hardness Method - HV1)	ISO 18203
409	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Graphite in Cast Iron	IS 7754

SCOPE OF ACCREDITATION

Laboratory Name :	AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8456	**Page No**	26 of 27
Validity	22/04/2022 to 21/04/2024	**Last Amended on**	19/05/2022

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
410	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Graphite in Cast Iron (Form, Size, Distribution, Nodularity and Nodule Count)	ASTM A247
411	MECHANICAL-METALLOGRAPHY TEST	Copper and alloys	Micro Examination	ASM Handbook Volume 9
412	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel Products	Detection of detrimental Intermetallic Phase - Method A	ASTM A923
413	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals	Total Case Depth (By Microscope - 100X)	IS 6416
414	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals Including Weld Metals	Effective Case Depth (Hardness Method) HV0.5	IS 6416
415	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals Including Weld Metals	Effective Case Depth (Micro Hardness Method) HV 0.3	IS 6416
416	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals Including Weld Metals	Effective Case Depth (Micro Hardness Method) HV 1	IS 6416
417	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non-Ferrous Metals	Macro etch Test	ASME Section IX
418	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Macro Etch Test	ASTM E340
419	MECHANICAL-METALLOGRAPHY TEST	Ferrous Weldments	Macro Examination	AWD D1.1
420	MECHANICAL-METALLOGRAPHY TEST	Gray Cast Iron and Nodular Cast Iron	Micro Examination of Cast Iron	ISO 945
421	MECHANICAL-METALLOGRAPHY TEST	Iron and steel	Ferritic Grain Size - Comparison Method	IS 4748
422	MECHANICAL-METALLOGRAPHY TEST	Iron and Steel	Ferritic, Austenitic and Stainless Average Grain Size - Comparison Method	ASTM E112
423	MECHANICAL-METALLOGRAPHY TEST	Metallic Coating on Metals.	Thickness of Coating (Microscope Method)	ASTM B487
424	MECHANICAL-METALLOGRAPHY TEST	Metallic oxide coated material	Measurement of Coating Thickness	ISO 1463
425	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals	Macro and Micro Examination	EN ISO 17639
426	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Billets,Blooms, Rolled Products,Forgings,Extrusion Sheets, Plates, and Casting.	Macro Examination / Visual Examination	ASM Metal Hand Book Volume 9
427	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Metals and Alloys	Micro Examination	ASM Handbook Volume 9

SCOPE OF ACCREDITATION

Laboratory Name : AIMS MET LAB INTL, #46, (OLD NO.2), KARNAN STREET, MUGAPPAIR WEST, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8456 **Page No** 27 of 27

Validity 22/04/2022 to 21/04/2024 **Last Amended on** 19/05/2022

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
428	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel - Weldments	Macro Examination	AWS D1.6 / D1.6M
429	MECHANICAL-METALLOGRAPHY TEST	Steel	Inclusion Rating Test	ASTM E45
430	MECHANICAL-METALLOGRAPHY TEST	Steel	Inclusion Rating Test	BS EN 10247
431	MECHANICAL-METALLOGRAPHY TEST	Steel	Inclusion Rating Test	DIN 50602
432	MECHANICAL-METALLOGRAPHY TEST	Steel	Inclusion Rating Test Method - A ,B,C & D	IS 4163
433	MECHANICAL-METALLOGRAPHY TEST	Steel Bars, Billets, Blooms and Forgings	Macro Etch Test	ASTM E381
434	MECHANICAL-METALLOGRAPHY TEST	Steel Billets,Blooms, Rolled Products,Forgings,Extrusion Sheets, Plates, and Casting.	Macro Examination / Visual Examination	ASTM E381
435	MECHANICAL-METALLOGRAPHY TEST	Steel Billets,Blooms, Rolled Products,Forgings,Extrusion Sheets, Plates, and Casting.	Macro Examination / Visual Examination	ASM Metal Hand Book Volume 9
436	MECHANICAL-METALLOGRAPHY TEST	Steel Products - Billets, Blooms,Bars And Forgings	Macro Etch Test	IS 13015
437	MECHANICAL-METALLOGRAPHY TEST	Steel Specimens	Depth of Decarburization (By Microscope)	ASTM E1077
438	MECHANICAL-METALLOGRAPHY TEST	Steel Specimens	Depth of Decarburization (By Microscope)	IS 6396
439	MECHANICAL-METALLOGRAPHY TEST	Steel Weldments	Macro Examination / Visual Examination	IS 7307(PART 1)
440	MECHANICAL-METALLOGRAPHY TEST	Thin surface hardened layers	Total Thickness of Layer (Microscopic Method)	IS 13691
441	MECHANICAL-METALLOGRAPHY TEST	Thin Surface Hardened Steel Products	Effective Thickness Measurement (Micro Vickers Hardness - HV 0.1)	IS 13691
442	MECHANICAL-METALLOGRAPHY TEST	Thin Surface Hardened Steel Products	Effective Thickness Measurement (Micro Vickers Hardness - HV 0.2)	IS 13691
443	MECHANICAL-METALLOGRAPHY TEST	Wrought Steel Products	Macro Etch Test	IS 11371