



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**UNIVERSAL CALIBRATION SERVICES PRIVATE LIMITED
(TESTING DIVISION)**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

PLOT NO. G 43/1&2, G 44/1&2, G BLOCK AJANTA NAGAR, CHINCHWAD, PUNE, MAHARASHTRA, INDIA

in the field of

TESTING

Certificate Number: TC-9712

Issue Date: 28/07/2025

Valid Until: 27/07/2029

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: UNIVERSAL CALIBRATION SERVICES PRIVATE LIMITED

Signed for and on behalf of NABL




Anuja Anand
Director


N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

UNIVERSAL CALIBRATION SERVICES PRIVATE LIMITED (TESTING DIVISION), PLOT NO. G 43/1&2, G 44/1&2, G BLOCK AJANTA NAGAR, CHINCHWAD, PUNE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9712

Page No

1 of 17

Validity

28/07/2025 to 27/07/2029

Last Amended on -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	CHEMICAL- CORROSION TESTS	Metallic Materials	Salt Spray Test	ISO 9227
2	CHEMICAL- CORROSION TESTS	Metals & Coated Metals	Salt Spray Test	ASTM B117
3	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Chromium(Cr)	ASTME1251
4	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Copper(Cu)	ASTME1251
5	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Iron(Fe)	ASTME1251
6	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Lead(Pb)	ASTME1251
7	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Magnesium(Mg)	ASTME1251
8	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Manganese(Mn)	ASTME1251
9	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Nickel(Ni)	ASTME1251
10	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Silicon(Si)	ASTME1251
11	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Tin(Sn)	ASTME1251
12	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Carbon(C)	IS 9879
13	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Chromium(Cr)	IS 9879
14	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Copper(Cu)	IS 9879
15	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Manganese(Mn)	IS 9879
16	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Molybdenum(Mo)	ASTM E1086
17	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Molybdenum(Mo)	IS 9879
18	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Nickel(Ni)	IS 9879
19	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Phosphorous(P)	IS 9879



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9712

Page No

2 of 17

Validity

28/07/2025 to 27/07/2029

Last Amended on -

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20	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Silicon(Si)	IS 9879
21	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Sulphur (S)	IS 9879
22	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Aluminium(Al)	JIS G1253
23	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Boron(B)	JIS G1253
24	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Carbon(C)	ASTM E1086
25	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Carbon(C)	JIS G1253
26	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Chromium(Cr)	ASTM E1086
27	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Chromium(Cr)	JIS G1253
28	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Cobalt(Co)	JIS G1253
29	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Copper(Cu)	ASTM E1086
30	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Copper(Cu)	JIS G1253
31	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Manganese(Mn)	ASTM E1086
32	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Manganese(Mn)	JIS G1253
33	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Molybdenum(Mo)	JIS G1253
34	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Nickel(Ni)	ASTM E1086
35	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Nickel(Ni)	JIS G1253
36	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Niobium(Nb)	JIS G1253
37	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Nitrogen(N)	JIS G1253
38	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Phosphorous(P)	ASTM E1086
39	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Phosphorous(P)	JIS G1253



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9712

Page No

3 of 17

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40	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Silicon(Si)	ASTM E1086
41	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Silicon(Si)	JIS G1253
42	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Sulphur (S)	ASTM E1086
43	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Sulphur (S)	JIS G1253
44	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Tin(Sn)	JIS G1253
45	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Aluminium (Al)	ASTM E415
46	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Arsenic(As)	ASTM E415
47	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Boron(B)	ASTM E415
48	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Carbon(C)	ASTM E415
49	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Chromium(Cr)	ASTM E415
50	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Cobalt(Co)	ASTM E415
51	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Copper(Cu)	ASTM E415
52	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Manganese (Mn)	ASTM E415
53	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Molybdenum(Mo)	ASTM E415
54	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Nickel(Ni)	ASTM E415
55	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Niobium(Nb)	ASTM E415
56	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Nitrogen(N)	ASTM E415
57	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Phosphorous (P)	ASTM E415
58	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Silicon(Si)	ASTM E415
59	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Sulphur(S)	ASTM E415



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SCOPE OF ACCREDITATION

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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9712

Page No

4 of 17

Validity

28/07/2025 to 27/07/2029

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60	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Tin(Sn)	ASTM E415
61	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Titanium (Ti)	ASTM E415
62	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Vanadium(V)	ASTM E415
63	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon(C)	ASTM E1999
64	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium(Cr)	ASTM E1999
65	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper(Cu)	ASTM E1999
66	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese(Mn)	ASTM E1999
67	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum(Mo)	ASTM E1999
68	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel(Ni)	ASTM E1999
69	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus(P)	ASTM E1999
70	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon(Si)	ASTM E1999
71	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur (S)	ASTM E1999
72	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin(Sn)	ASTM E1999
73	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium (Ti)	ASTM E1999
74	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium(V)	ASTM E1999
75	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Aluminium(Al)	BS EN 15079
76	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Antimony(Sb)	BS EN 15079
77	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Arsenic(As)	BS EN 15079
78	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Bismuth(Bi)	BS EN 15079
79	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cobalt(Co)	BS EN 15079



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CHINCHWAD, PUNE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9712

Page No

5 of 17

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80	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron(Fe)	BS EN 15079
81	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead(Pb)	BS EN 15079
82	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese(Mn)	BS EN 15079
83	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel(Ni)	BS EN 15079
84	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus(P)	BS EN 15079
85	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon(Si)	BS EN 15079
86	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Sulphur(S)	BS EN 15079
87	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin(Sn)	BS EN 15079
88	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc(Zn)	BS EN 15079
89	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminium(Al)	ASTM E3047
90	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon(C)	ASTM E3047
91	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium(Cr)	ASTM E3047
92	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt(Co)	ASTM E3047
93	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper(Cu)	ASTM E3047
94	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron(Fe)	ASTM E3047
95	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese(Mn)	ASTM E3047
96	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum(Mo)	ASTME3047
97	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Niobium(Nb)	ASTME3047
98	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosphorus(P)	ASTME3047
99	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon(Si)	ASTME3047



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9712

Page No 6 of 17

Validity 28/07/2025 to 27/07/2029

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100	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulphur (S)	ASTME3047
101	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium(Ti)	ASTME3047
102	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tungsten(W)	ASTME3047
103	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium(V)	ASTME3047
104	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Aluminium (Al)	JIS G1253
105	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Boron(B)	JIS G1253
106	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Carbon(C)	JIS G1253
107	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Carbon(C)	JIS G1253
108	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Chromium(Cr)	JIS G1253
109	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Chromium(Cr)	JIS G1253
110	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Copper(Cu)	JIS G1253
111	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Copper(Cu)	JIS G1253
112	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Manganese (Mn)	JIS G1253
113	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Manganese(Mn)	JIS G1253
114	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Molybdenum(Mo)	JIS G1253
115	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Molybdenum(Mo)	JIS G1253
116	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Nickel(Ni)	JIS G1253
117	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Nickel(Ni)	JIS G1253
118	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Niobium(Nb)	JIS G1253
119	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Nitrogen(N)	JIS G1253



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9712

Page No 7 of 17

Validity 28/07/2025 to 27/07/2029

Last Amended on -

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120	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Phosphorous (P)	JIS G1253
121	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Phosphorus(P)	JIS G1253
122	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Silicon(Si)	JIS G1253
123	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Silicon(Si)	JIS G1253
124	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Sulphur (S)	JIS G1253
125	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Sulphur(S)	JIS G1253
126	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Titanium (Ti)	JIS G1253
127	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Titanium (Ti)	JIS G1253
128	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Titanium(Ti)	JIS G1253
129	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Vanadium(V)	JIS G1253
130	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Vanadium(V)	JIS G1253
131	CHEMICAL- METALS & ALLOYS	Pig iron, cast iron, carbon steel, low alloy steel, high alloy steel	Vanadium(V)	JIS G1253
132	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steel	Aluminium (Al)	IS 8811
133	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steel	Carbon(C)	IS 8811
134	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steel	Chromium(Cr)	IS 8811
135	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steel	Copper(Cu)	IS 8811
136	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steel	Manganese (Mn)	IS 8811
137	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steel	Molybdenum(Mo)	IS 8811
138	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steel	Nickel(Ni)	IS 8811
139	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steel	Phosphorous (P)	IS 8811



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9712

Page No

8 of 17

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140	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steel	Silicon(Si)	IS 8811
141	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steel	Sulphur(S)	IS 8811
142	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steel	Tin(Sn)	IS 8811
143	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steel	Titanium (Ti)	IS 8811
144	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steel	Vanadium(V)	IS 8811
145	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Aluminium(Al)	ASTME2994
146	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Aluminium(Al)	UITD/CHEM/SOP/24
147	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Carbon(C)	UITD/CHEM/SOP/24
148	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Chromium(Cr)	ASTME2994
149	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Chromium(Cr)	UITD/CHEM/SOP/24
150	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Copper(Cu)	ASTME2994
151	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Copper(Cu)	UITD/CHEM/SOP/24
152	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Iron(Fe)	ASTME2994
153	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Iron(Fe)	UITD/CHEM/SOP/24
154	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Manganese(Mn)	UITD/CHEM/SOP/24
155	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Molybdenum(Mo)	ASTME2994
156	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Molybdenum(Mo)	UITD/CHEM/SOP/24
157	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Nickel(Ni)	ASTME2994
158	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Nickel(Ni)	UCSPL/CHEM/SOP/24 (Issue No.03 , Date.17.02.2024)
159	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Silicon(Si)	ASTME2994



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ISO/IEC 17025:2017

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TC-9712

Page No

9 of 17

Validity

28/07/2025 to 27/07/2029

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160	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Silicon(Si)	UCSPL/CHEM/SOP/24 (Issue No.03 , Date.17.02.2024)
161	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Tin(Sn)	ASTME2994
162	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Tin(Sn)	UCSPL/CHEM/SOP/24 (Issue No.03 , Date.17.02.2024)
163	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Vanadium(V)	ASTME2994
164	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Vanadium(V)	UCSPL/CHEM/SOP/24 (Issue No.03 , Date.17.02.2024)
165	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Zirconium(Zr)	ASTME2994
166	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Zirconium(Zr)	UCSPL/CHEM/SOP/24 (Issue No.03 , Date.17.02.2024)
167	CHEMICAL- METALS & ALLOYS	Tool steel	Carbon(C)	JIS G1253
168	CHEMICAL- METALS & ALLOYS	Tool steel	Chromium(Cr)	JIS G1253
169	CHEMICAL- METALS & ALLOYS	Tool steel	Cobalt(Co)	JIS G1253
170	CHEMICAL- METALS & ALLOYS	Tool steel	Manganese(Mn)	JIS G1253
171	CHEMICAL- METALS & ALLOYS	Tool steel	Molybdenum(Mo)	JIS G1253
172	CHEMICAL- METALS & ALLOYS	Tool steel	Phosphorous(P)	JIS G1253
173	CHEMICAL- METALS & ALLOYS	Tool steel	Silicon(Si)	JIS G1253
174	CHEMICAL- METALS & ALLOYS	Tool steel	Sulphur(S)	JIS G1253
175	CHEMICAL- METALS & ALLOYS	Tool steel	Tin(Sn)	JIS G1253
176	CHEMICAL- METALS & ALLOYS	Tool steel	Tungsten(W)	JIS G1253
177	CHEMICAL- METALS & ALLOYS	Tool steel	Vanadium(V)	JIS G1253
178	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Aluminium(Al)	UCSPL/CHEM/SOP/03 (Issue No.03 , Date.17.02.2024)
179	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Bismuth(Bi)	UCSPL/CHEM/SOP/03 (Issue No.03 , Date.17.02.2024)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

UNIVERSAL CALIBRATION SERVICES PRIVATE LIMITED (TESTING
DIVISION), PLOT NO. G 43/1&2, G 44/1&2, G BLOCK AJANTA NAGAR,
CHINCHWAD, PUNE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9712

Page No

10 of 17

Validity

28/07/2025 to 27/07/2029

Last Amended on -

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	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Cadmium(Cd)	UCSPL/CHEM/SOP/03 (Issue No.03 , Date.17.02.2024)
181	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Copper(Cu)	UCSPL/CHEM/SOP/03 (Issue No.03 , Date.17.02.2024)
182	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Iron(Fe)	UCSPL/CHEM/SOP/03 (Issue No.03 , Date.17.02.2024)
183	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Lead(Pb)	UCSPL/CHEM/SOP/03 (Issue No.03 , Date.17.02.2024)
184	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Magnesium(Mg)	UCSPL/CHEM/SOP/03 (Issue No.03 , Date.17.02.2024)
185	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Manganese(Mn)	UCSPL/CHEM/SOP/03 (Issue No.03 , Date.17.02.2024)
186	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Nickel(Ni)	UCSPL/CHEM/SOP/03 (Issue No.03 , Date.17.02.2024)
187	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Tin(Sn)	UCSPL/CHEM/SOP/03 (Issue No.03 , Date.17.02.2024)
188	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	%Elongation	ASTM E8/8M
189	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	%Elongation	IS 1608 (Part 1)
190	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	%Elongation	ISO 6892-1
191	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	0.2% Proof stress	ASTM E8/8M
192	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	0.2% Proof stress	IS 1608 (Part 1)
193	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	0.2% Proof stress	ISO 6892-1
194	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	0.5% Proof stress	ASTM E8/8M
195	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	0.5% Proof stress	IS 1608 (Part 1)
196	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	0.5% Proof stress	ISO 6892-1

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



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

UNIVERSAL CALIBRATION SERVICES PRIVATE LIMITED (TESTING DIVISION), PLOT NO. G 43/1&2, G 44/1&2, G BLOCK AJANTA NAGAR, CHINCHWAD, PUNE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9712

Page No

11 of 17

Validity

28/07/2025 to 27/07/2029

Last Amended on -

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
197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	Reduction in area	ASTM E8/8M
198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	Reduction in area	IS 1608 (Part 1)
199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	Reduction in area	ISO 6892-1
200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	Ultimate tensile strength	ASTM E8/8M
201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	Ultimate tensile strength	IS 1608 (Part 1)
202	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	Ultimate tensile strength	ISO 6892-1
203	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	Yield strength	ASTM E8/8M
204	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	Yield strength	IS 1608 (Part 1)
205	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & alloys	Yield strength	ISO 6892-1
206	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Bend test	IS 1599
207	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Bend test	ISO 7438
208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Brinell hardness (10/3000)	ASTM E10
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Brinell hardness (10/3000)	IS 1500 (Part 1)
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Brinell hardness (10/3000)	ISO 6506-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

UNIVERSAL CALIBRATION SERVICES PRIVATE LIMITED (TESTING DIVISION), PLOT NO. G 43/1&2, G 44/1&2, G BLOCK AJANTA NAGAR, CHINCHWAD, PUNE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9712

Page No

12 of 17

Validity

28/07/2025 to 27/07/2029

Last Amended on -

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
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Brinell hardness (5/750)	ASTM E10
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Brinell hardness (5/750)	IS 1500 (Part 1)
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Brinell hardness (5/750)	ISO 6506-1
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Micro Vickers Hardness	ASTM E 384
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Micro Vickers Hardness	ASTM E 384
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Micro Vickers Hardness	IS 1501 (Part 1)
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Micro Vickers Hardness	IS 1501 (Part 1)
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Micro vickers Hardness	ISO 9015 - 2
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Micro Vickers Hardness	ISO 9015 - 2
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Rockwell harness (HRA)	ASTM E18
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Rockwell harness (HRA)	IS 1586 (Part-1)
222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Rockwell harness (HRA)	ISO 6508-1
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Rockwell harness (HRB)	ASTM E18
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Rockwell harness (HRB)	IS 1586 (Part-1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

UNIVERSAL CALIBRATION SERVICES PRIVATE LIMITED (TESTING DIVISION), PLOT NO. G 43/1&2, G 44/1&2, G BLOCK AJANTA NAGAR, CHINCHWAD, PUNE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9712

Page No

13 of 17

Validity

28/07/2025 to 27/07/2029

Last Amended on -

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	Metallic material	Rockwell hardness (HRB)	ISO 6508-1
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Rockwell hardness (HRC)	ASTM E18
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Rockwell hardness (HRC)	IS 1586 (Part-1)
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Rockwell hardness (HRC)	ISO 6508-1
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR15N)	ASTM E18
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR15N)	IS 1586 (Part-1)
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR15N)	ISO 6508-1
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR15TW)	ASTM E18
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR15TW)	IS 1586 (Part-1)
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR15TW)	ISO 6508-1
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR30N)	ASTM E18
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR30N)	IS 1586 (Part-1)
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR30N)	ISO 6508-1
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR30TW)	ASTM E18



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

UNIVERSAL CALIBRATION SERVICES PRIVATE LIMITED (TESTING DIVISION), PLOT NO. G 43/1&2, G 44/1&2, G BLOCK AJANTA NAGAR, CHINCHWAD, PUNE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9712

Page No

14 of 17

Validity

28/07/2025 to 27/07/2029

Last Amended on -

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	Metallic material	Superficial Rockwell Hardness (HR30TW)	IS 1586 (Part-1)
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR30TW)	ISO 6508-1
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR45N)	ASTM E18
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR45N)	IS 1586 (Part-1)
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR45N)	ISO 6508-1
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR45TW)	ASTM E18
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR45TW)	IS 1586 (Part-1)
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material	Superficial Rockwell Hardness (HR45TW)	ISO 6508-1
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals alloys	% Elongation	ASTM E 8/8M
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals alloys	% Elongation	IS 1608 - 1
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals alloys	% Elongation	ISO 6892 - 1
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals alloys	% Reduction in area	ASTM E8/8M
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals alloys	% Reduction In area	IS 1608 (Part - 1)
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals alloys	% Reduction in area	IS 6892 - 1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

UNIVERSAL CALIBRATION SERVICES PRIVATE LIMITED (TESTING DIVISION), PLOT NO. G 43/1&2, G 44/1&2, G BLOCK AJANTA NAGAR, CHINCHWAD, PUNE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9712

Page No

15 of 17

Validity

28/07/2025 to 27/07/2029

Last Amended on -

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	Non Ferrous Metals alloys	0.2 % Proof Stress	ASTM E 8/8M
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals alloys	0.5 % Proof Stress	ASTM E 8/8M
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals alloys	0.5 % Proof Stress	IS 1608 (Part - 1)
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals alloys	0.5 % Proof Stress	ISO 6892 - 1
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals alloys	Ultimate Tensile Strength	ASTM E8/8M
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals alloys	Ultimate Tensile Strength	IS 1608 (Part - 1)
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals alloys	Ultimate Tensile Strength	ISO 6892 - 1
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals alloys	Yield Strength	IS 1608 (Part - 1)
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals alloys	Yield Strength	ASRM E8/8M
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals alloys	Yield Strength	ISO 6892 - 1
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Materials	%Elongation	ASTM E370
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Product	0.2% Proof stress	ASTM A370
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Product	0.5% Proof stress	ASTM A370
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Product	Bend test	ASTM A370



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

UNIVERSAL CALIBRATION SERVICES PRIVATE LIMITED (TESTING DIVISION), PLOT NO. G 43/1&2, G 44/1&2, G BLOCK AJANTA NAGAR, CHINCHWAD, PUNE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9712

Page No

16 of 17

Validity

28/07/2025 to 27/07/2029

Last Amended on -

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	Steel Product	Reduction in area	ASTM A370
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Product	Ultimate tensile strength	ASTM A370
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Product	Yield strength	ASTM A370
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Product	Bend test	ISO 5173
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Product	Ultimate tensile strength	AWS D1.1/D1.1M
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Steel Product	Bend test	AWS D1.1/D1.1M
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded test specimen	Ultimate tensile strength	ASME SEC IX
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding & Brazing product	Bend test	ASME SEC IX
275	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Microstructure of Graphite	IS 7754
276	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Microstructure of Graphite in Iron Castings	ASTM A247
277	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials , alloys & Products	Average grain size by comparison method	ASTM E112
278	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials , alloys & Products	Grain size	IS 4748
279	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials , alloys & Products	Macro Examination	ASTM E340
280	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials , alloys & Products	Microstructure and Phase analysis	ASTM HANDBOOK VOL 9
281	MECHANICAL-METALLOGRAPHY TEST	Metals & oxide coating	Coating thickness by microscope	ASTM B 487
282	MECHANICAL-METALLOGRAPHY TEST	Metals & oxide coating	Coating thickness by microscope	IS 3203
283	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals , alloys & products	Coating Thickness By Microscope	IS 3203: 1982



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

UNIVERSAL CALIBRATION SERVICES PRIVATE LIMITED (TESTING DIVISION), PLOT NO. G 43/1&2, G 44/1&2, G BLOCK AJANTA NAGAR, CHINCHWAD, PUNE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9712

Page No

17 of 17

Validity

28/07/2025 to 27/07/2029

Last Amended on -

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
284	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals , alloys & products	Microstructure & Phase Analysis	ASM Handbook Vol 9
285	MECHANICAL-METALLOGRAPHY TEST	Steel	Non Metallic Inclusion Content	ASTM E45
286	MECHANICAL-METALLOGRAPHY TEST	Steel	Non Metallic Inclusion Content	IS 4163
287	MECHANICAL-METALLOGRAPHY TEST	Steel (Hardened by carburizing, nitriding, carbonitriding, cyaniding or induction and flame hardening)	Case Depth by Microscopic Method	IS 6416
288	MECHANICAL-METALLOGRAPHY TEST	Steel Material	Case Depth by Hardness Method	IS 6416
289	MECHANICAL-METALLOGRAPHY TEST	Steel specimen	Decarb layer measurement	ASTM E1077
290	MECHANICAL-METALLOGRAPHY TEST	Steel specimen	Decarb layer measurement	IS 6396
291	MECHANICAL-METALLOGRAPHY TEST	Welded product & specimen	Macro examination and Dimensional Measurement	ISO 5817
292	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded test specimens	Macro Examination	ISO 17639
293	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded test specimens	Macro Examination and Dimensional Measurement	ASME SEC IX
294	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded test specimens	Macro Examination and Dimensional Measurement	AWS D1.1/D1.1M