National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : UGC SUPPLY CHAIN SOLUTIONS PVT. LTD., LABORATORY DIVISION, 279, NANEKAR WADI, NASHIK ROAD, CHAKAN, TAL. KHED, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 27/08/2021 to 26/08/2023 **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 Facility				
1	CHEMICAL- CORROSION TESTS	All metals & alloys/ Component	Salt Spray Test	ASTM B-117
2	CHEMICAL- CORROSION TESTS	All metals & alloys/ Component	Salt Spray Test	ISO 9227
3	CHEMICAL- METALS & ALLOYS	Alluminium Base Alloy	Titanium	ASTM E 1251
4	CHEMICAL- METALS & ALLOYS	Aluminium Base Alloy	Chromium	ASTM E 1251
5	CHEMICAL- METALS & ALLOYS	Aluminium Base Alloy	Copper	ASTM E 1251
6	CHEMICAL- METALS & ALLOYS	Aluminium Base Alloy	Iron	ASTM E 1251
7	CHEMICAL- METALS & ALLOYS	Aluminium Base Alloy	Lead	ASTM E 1251
8	CHEMICAL- METALS & ALLOYS	Aluminium Base Alloy	Magnesium	ASTM E 1251
9	CHEMICAL- METALS & ALLOYS	Aluminium Base Alloy	Manganese	ASTM E 1251
10	CHEMICAL- METALS & ALLOYS	Aluminium Base Alloy	Nickel	ASTM E 1251
11	CHEMICAL- METALS & ALLOYS	Aluminium Base Alloy	Silicon	ASTM E 1251
12	CHEMICAL- METALS & ALLOYS	Aluminium Base Alloy	Tin	ASTM E 1251
13	CHEMICAL- METALS & ALLOYS	Aluminium Base Alloy	Zinc	ASTM E 1251
14	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E1999
15	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E1999
16	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E1999
17	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E1999
18	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E1999

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19	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E1999
20	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	ASTM E1999
21	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E 1999
22	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	ASTM E1999
23	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	ASTM E1999
24	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	ASTM E1999
25	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	ASTM E1999
26	CHEMICAL- METALS & ALLOYS	Low alloy steel	Aluminium	ASTM E415
27	CHEMICAL- METALS & ALLOYS	Low alloy steel	Aluminium	IS 8811
28	CHEMICAL- METALS & ALLOYS	Low alloy steel	Carbon	ASTM E415
29	CHEMICAL- METALS & ALLOYS	Low alloy steel	Carbon	IS 8811
30	CHEMICAL- METALS & ALLOYS	Low alloy steel	Chromium	ASTM E415
31	CHEMICAL- METALS & ALLOYS	Low alloy steel	Chromium	IS 8811
32	CHEMICAL- METALS & ALLOYS	Low alloy steel	Cobalt	ASTM E415
33	CHEMICAL- METALS & ALLOYS	Low alloy steel	Cobalt	IS 8811
34	CHEMICAL- METALS & ALLOYS	Low alloy steel	Copper	ASTM E415
35	CHEMICAL- METALS & ALLOYS	Low alloy steel	Copper	IS 8811
36	CHEMICAL- METALS & ALLOYS	Low alloy steel	Manganese	ASTM E415
37	CHEMICAL- METALS & ALLOYS	Low alloy steel	Manganese	IS 8811

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38	CHEMICAL- METALS & ALLOYS	Low alloy steel	Molybdenum	ASTM E415
39	CHEMICAL- METALS & ALLOYS	Low alloy steel	Molybdenum	IS 8811
40	CHEMICAL- METALS & ALLOYS	Low alloy steel	Nickel	ASTM E415
41	CHEMICAL- METALS & ALLOYS	Low alloy steel	Nickel	IS 8811
42	CHEMICAL- METALS & ALLOYS	Low alloy steel	Phosphorus	ASTM E415
43	CHEMICAL- METALS & ALLOYS	Low alloy steel	Phosphorus	IS 8811
44	CHEMICAL- METALS & ALLOYS	Low alloy steel	Silicon	ASTM E415
45	CHEMICAL- METALS & ALLOYS	Low alloy steel	Silicon	IS 8811
46	CHEMICAL- METALS & ALLOYS	Low alloy steel	Sulphur	ASTM E415
47	CHEMICAL- METALS & ALLOYS	Low alloy steel	Sulphur	IS 8811
48	CHEMICAL- METALS & ALLOYS	Low alloy steel	Vanadium	ASTM E415
49	CHEMICAL- METALS & ALLOYS	Low alloy steel	Vanadium	IS 8811
50	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	ASTM E 1086
51	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	IS 9879
52	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	ASTM E 1086
53	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	IS 9879
54	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper	ASTM E 1086
55	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper	IS 9879
56	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	ASTM E 1086

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57	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	IS 9879
58	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	ASTM E 1086
59	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	Is 9879
60	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	ASTM E 1086
61	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	IS 9879
62	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorus	ASTM E 1086
63	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorus	IS 9879
64	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	ASTM E 1086
65	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	IS 9879
66	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur	ASTM E 1086
67	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur	IS 9879
68	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Brinell Hardness	IS 1500(Part-1)
69	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Elongation	ASTM A 370
70	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Elongation	ASTM E8/E8M
71	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Elongation	IS 1608
72	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Micro Vickers Hardness	ASTM E 384
73	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Micro Vickers Hardness	ASTM E 384

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74	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials	Micro Vickers Hardness	ASTM E 384
75	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials	Micro Vickers Hardness	ASTM E 384
76	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials	Micro Vickers Hardness	ASTM E 384
77	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials	Millipore test on Engine parts fluid(x-axis 1 to 200 microns, y-axis 1 to 150 microns)	SOP No. 27
78	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials	Reduction in area	ASTM A 370
79	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials	Reduction in area	ASTM E8/E8M
80	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials	Reduction in area	IS 1608
81	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials	Rockwell Hardness	ASTM E18
82	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials	Rockwell Hardness	ASTM E18
83	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials	Rockwell Hardness	ASTM E18
84	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials	Rockwell Hardness	IS 1586-Part 1
85	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials	Rockwell Hardness	IS 1586-Part 1
86	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials	Rockwell Hardness	IS 1586-Part 1
87	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials	Tensile Test (UTS)	ASTM A 370

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88	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials	Tensile Test (UTS)	ASTM E8/E8M
89	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials	Tensile Test(UTS)	IS 1608
90	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials	Yield Stress	ASTM A 370
91	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials	Yield Stress	ASTM E8/E8M
92	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials	Yield Stress	IS 1608
93	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials	Elongation	ASTM A 370
94	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials	Elongation	ASTM E8/E8M
95	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Elongation	IS 1608
96	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Micro Vickers Hardness	ASTM E 384
97	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials	Micro Vickers Hardness	ASTM E 384
98	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Micro Vickers Hardness	ASTM E 384
99	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Micro Vickers Hardness	ASTM E 384
100	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Micro Vickers Hardness	ASTM E 384
101	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Millipore test on Engine parts fluid	SOP No. 27

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102	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials	Reduction in area	ASTM A 370
103	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials	Reduction in area	ASTM E8/E8M
104	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Reduction in area	IS 1608
105	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Rockwell Hardness	ASTM E18
106	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Rockwell Hardness	ASTM E18
107	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Rockwell Hardness	ASTM E18
108	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Rockwell Hardness	IS 1586-Part 1
109	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Rockwell Hardness	IS 1586-Part 1
110	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Rockwell Hardness	IS 1586-Part 1
111	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Tensile Test	IS 1608
112	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials	Tensile Test (UTS)	ASTM A 370
113	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials	Tensile Test (UTS)	ASTM E8/E8M
114	MECHANICAL-METALLOGRAPHY TEST	Cast Irons White / Grey Iron / Malleable Iron / Ductile Iron / Nodular Iron / SG Iron	Micro structure Analysis	ASTM A247 / ASM Handbook, Vol. 9
115	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials	Coating Thickness by Microscopic method (@ 100 X)	IS 3203

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116	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials	Effective Case Depth by Traverse Method	IS 6416 / IS 1501 Part I & II
117	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials	Micro Structural Analysis	ASM Vol.Handbook 9.
118	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous materials	Coating Thickness by Microscopic method (@100X)	IS 3203
119	MECHANICAL-METALLOGRAPHY TEST	SG	Micro structure Analysis	ASTM A247 / ASM Handbook, Vol. 9