National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CHAITANYA NDT & ANALYTICAL SERVICES, S. NO. 13/6, 1 / 1A, NANDED PHATA, SINHAGAD ROAD, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10141 **Page No** 1 of 4

Validity 13/12/2021 to 12/12/2023 **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- METALS & ALLOYS	Al & Its Alloys	Magnesium	ASTM E1251
2	CHEMICAL- METALS & ALLOYS	Al & its Alloys	Copper	ASTM E1251
3	CHEMICAL- METALS & ALLOYS	Al & Its Alloys	Iron	ASTM E1251
4	CHEMICAL- METALS & ALLOYS	Al & Its Alloys	Lead	ASTM E1251
5	CHEMICAL- METALS & ALLOYS	Al & Its Alloys	Manganese	ASTM E1251
6	CHEMICAL- METALS & ALLOYS	Al & Its Alloys	Nickel	ASTM E1251
7	CHEMICAL- METALS & ALLOYS	Al & Its Alloys	Silicon	ASTM E1251
8	CHEMICAL- METALS & ALLOYS	Al & Its Alloys	Titanium	ASTM E1251
9	CHEMICAL- METALS & ALLOYS	Al & Its Alloys	Zinc	ASTM E1251
10	CHEMICAL- METALS & ALLOYS	Carbon Steel	Aluminium	IS 8811, ASTM E415
11	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon	IS 8811, ASTM E415
12	CHEMICAL- METALS & ALLOYS	Carbon Steel	Chromium	IS 8811, ASTM E415
13	CHEMICAL- METALS & ALLOYS	Carbon Steel	Copper	IS 8811, ASTM E415
14	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese	IS 8811, ASTM E415
15	CHEMICAL- METALS & ALLOYS	Carbon Steel	Molybdenum	IS 8811, ASTM E415
16	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nickel	IS 8811, ASTM E415
17	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphrous	IS 8811, ASTM E415
18	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon	IS 8811, ASTM E415

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19	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulphur	IS 8811, ASTM E415
20	CHEMICAL- METALS & ALLOYS	Carbon Steel	Vanadium	IS 8811, ASTM E415
21	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Aluminium	BS EN15079
22	CHEMICAL- METALS & ALLOYS	Cu & Its Alloys	Antimony	BS EN:15079
23	CHEMICAL- METALS & ALLOYS	Cu & Its Alloys	Arsenic	BS EN15079
24	CHEMICAL- METALS & ALLOYS	Cu & Its Alloys	Iron	BS EN15079
25	CHEMICAL- METALS & ALLOYS	Cu & Its Alloys	Lead	BS EN:15079
26	CHEMICAL- METALS & ALLOYS	Cu & Its Alloys	Manganese	BS EN 15079
27	CHEMICAL- METALS & ALLOYS	Cu & Its Alloys	Nickel	BS EN 15079
28	CHEMICAL- METALS & ALLOYS	Cu & Its Alloys	Phophorous	BS EN 15079
29	CHEMICAL- METALS & ALLOYS	Cu & Its Alloys	Silicon	BS EN 15079
30	CHEMICAL- METALS & ALLOYS	Cu & Its Alloys	Tin	BS EN 15079
31	CHEMICAL- METALS & ALLOYS	Cu & Its Alloys	Zinc	BS EN 15079
32	CHEMICAL- METALS & ALLOYS	stainless Steel	Carbon	JIS G 1253:2002 Amendment 1, 2013 / ASTM E1086
33	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G 1253:2002 Amendment 1, 2013 / ASTM E1086
34	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	JIS G 1253:2002 Amendment 1
35	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS G 1253:2002 Amendment 1, 2013 / ASTM E1086
36	CHEMICAL- METALS & ALLOYS	stainless Steel	Manganese	JIS G 1253:2002 Amendment 1, 2013 / ASTM E1086
37	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G 1253:2002 Amendment 1, 2013 / ASTM E1086

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38	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G 1253:2002 Amendment 1, 2013 / ASTM E1086
39	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	JIS G 1253:2002 Amendment 1, 2013 / ASTM E1086
40	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	JIS G 1253: 2002 Amendment 1, 2013 / ASTM E1086
41	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JIS G 1253: 2002 Amendment 1,2013 / ASTM E1086
42	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material & Products	0.2% Proof Stress	ASTM E8/8M
43	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material & Products	0.2% Proof Stress	IS 1608 (Part 1)
44	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Material Products	% Reduction in Area	IS 1608 (Part 1)
45	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials & Products	% Elongation	ASTM E8/8M
46	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials & Products	% Elongation	IS 1608 (Part 1)
47	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials & Products	% Reduction in Area	ASTM E8/8M
48	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials & Products	Bend Test	IS 1599
49	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials & Products	Flattening Test	IS 2328
50	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials & Products	Hardness test Rockwell A	IS 1586 (Part 1)
51	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non ferrous Materials & Products	Hardness test Rockwell B	IS 1586 (Part 1)
52	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials & Products	Hardness test Rockwell C	IS 1586 (Part 1)

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53	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials & Products	Impact Test: Charpy "V" Notch (At Room Temperature only)	IS 1757 (Part 1)
54	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials & Products	Ultimate Tensile Strength	ASTM E8/E8M
55	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials & Products	Ultimate Tensile Strength	IS 1608 (Part 1)
56	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials & Products	Yeild Stress	ASTM A370
57	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials & Products	Yeild Stress	ASTM E8/8M
58	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials & Products	Yield Stress	IS 1608 (Part 1)
59	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	% Elongation	ASTM A370
60	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	% Reduction area	ASTM A370