National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SADHANA NDT SERVICES, S. N. 201, GAT NO. 261/1, 261/ 2, JUNJAI PARK, KASURDI, BHOR, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 28/10/2022 to 27/10/2024 **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	Aluminum & its alloys	Chromium (Cr)	ASTM E1251
2	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Copper (Cu)	ASTM E1251
3	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Iron (Fe)	ASTM E1251
4	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Lead (Pb)	ASTM E1251
5	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Magnesium (Mg)	ASTM E1251
6	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Manganese (Mn)	ASTM E1251
7	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Nickel (Ni)	ASTM E1251
8	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Silicon (Si)	ASTM E1251
9	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Tin (Sn)	ASTM E1251
10	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Titanium (Ti)	ASTM E1251
11	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Zinc (Zn)	ASTM E1251
12	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium (Al)	IS 15338
13	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium (Al)	JIS G 1253
14	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon (C)	IS 15338
15	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon (C)	JIS G 1253
16	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium (Cr)	IS 15338
17	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium (Cr)	JIS G 1253
18	CHEMICAL- METALS & ALLOYS	Cast Iron	Cobalt (Co)	JIS G 1253

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19	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper (Cu)	IS 15338
20	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper (Cu)	JIS G 1253
21	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium (Mg)	JIS G 1253
22	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese (Mn)	Is 15338
23	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese (Mn)	JIS G 1253
24	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum (Mo)	IS 15338
25	CHEMICAL- METALS & ALLOYS	Cast iron	Molybdenum (Mo)	JIS G 1253
26	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel (Ni)	IS 15338
27	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel (Ni)	JIS G 1253
28	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus (P)	IS 15338
29	CHEMICAL- METALS & ALLOYS	Cast iron	Phosphorus (P)	JIS G 1253
30	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon (Si)	IS 15338
31	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon (Si)	JIS G 1253
32	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulfur (S)	IS 15338
33	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulfur (S)	JIS G 1253
34	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin (Sn)	JIS G 1253
35	CHEMICAL- METALS & ALLOYS	Cast iron	Titanium (Ti)	JIS G 1253
36	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium (V)	IS 15338
37	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium (V)	JIS G 1253

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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	Copper & its alloys	Aluminium (Al)	BS EN 15079
39	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Antimony (Sb)	BS EN 15079
40	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Arsenic (As)	BS EN 15079
41	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Bismuth (Bi)	BS EN 15079
42	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cobalt (Co)	BS EN 15079
43	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron (Fe)	BS EN 15079
44	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead (Pb)	BS EN 15079
45	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese (Mn)	BS EN 15079
46	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel (Ni)	BS EN 15079
47	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus (P)	BS EN 15079
48	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon (Si)	BA EN 15079
49	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silver (Ag)	BS EN 15079
50	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin (Sn)	BS EN 15079
51	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc (Zn)	BS EN 15079
52	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel (Ni)	IS 8811
53	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminium (Al)	ASTM E415
54	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminium (Al)	IS 8811
55	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon (C)	ASTM E415
56	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon (C)	IS 8811

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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	Low Alloy Steel	Chromium (Cr)	ASTM E415
58	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium (Cr)	IS 8811
59	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Cobalt (Co)	ASTM E415
60	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Cobalt (Co)	IS 8811
61	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper (Cu)	ASTM E415
62	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper (Cu)	IS 8811
63	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese (Mn)	ASTM E415
64	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese (Mn)	IS 8811
65	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum (Mo)	ASTM E415
66	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum (Mo)	IS 8811
67	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel (Ni)	ASTM E415
68	CHEMICAL- METALS & ALLOYS	Low alloy Steel	Phosphorus (P)	ASTM E415
69	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorus (P)	IS 8811
70	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon (Si)	ASTM E415
71	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon (Si)	IS 8811
72	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulfur (S)	ASTM E415
73	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulfur (S)	IS 8811
74	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium (V)	ASTM E415
75	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium (V)	IS 8811

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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	Stainless Steel	Carbon (C)	ASTM E1086
77	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon (C)	IS 9879
78	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium (Cr)	ASTM E1086
79	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium (Cr)	IS 9879
80	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt (Co)	IS 9879
81	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper (Cu)	ASTM E1086
82	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper (Cu)	IS 9879
83	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese (Mn)	ASTM E1086
84	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese (Mn)	IS 9879
85	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum (Mo)	ASTM E1086
86	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum (Mo)	IS 9879
87	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel (Ni)	ASTM E1086
88	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel (Ni)	IS 9879
89	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium (Nb)	IS 9879
90	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus (P)	ASTM E1086
91	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus (P)	IS 9879
92	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon (Si)	ASTM E1086
93	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon (Si)	IS 9879
94	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur (S)	ASTM E1086

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95	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur (S)	IS 9879
96	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium (Ti)	IS 9879
97	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium (V)	IS 9879
98	CHEMICAL- METALS & ALLOYS	Tool Steel	Aluminium (Al)	JIS G 1253
99	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon (C)	JIS G 1253
100	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium (Cr)	JIS G 1253
101	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt (Co)	JIS G 1253
102	CHEMICAL- METALS & ALLOYS	Tool Steel	Copper (Cu)	JIS G 1253
103	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese (Mn)	JIS G 1253
104	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum (Mo)	JIS G 1253
105	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel (Ni)	JIS G 1253
106	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorus (P)	JIS G 1253
107	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon (Si)	JIS G 1253
108	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulfur (S)	JIS G 1253
109	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten (W)	JIS G 1253
110	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium (V)	JIS G 1253
111	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals and Alloys	% Elongation	IS 1608 (PART 1)
112	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals and Alloys	% Reduction Area	IS 1608 (PART 1)

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113	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals and Alloys	0.2 % Proof Stress	IS 1608 (PART 1)
114	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals and Alloys	0.2% Proof Stress	ASTM E8/E8M
115	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals and Alloys	Bend Test	IS 1599
116	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals and Alloys	Rockwell hardness - HRB Scale	ASTM E 18
117	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals and Alloys	Rockwell Hardness - HRC Scale	ASTM E 18
118	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals and Alloys	Rockwell Hardness -HRA Scale	ASTM E 18
119	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals and Alloys	Ultimate tensile Strength	IS 1608 (PART 1)
120	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals and Alloys	Yield Stress	IS 1608 (PART 1)
121	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals & alloys	Micro Vickers Hardness	IS 1501 Part 1
122	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals & alloys	Micro Vickers Hardness	ISO 6507-1
123	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Bolts & Nuts	Proof Load Test	IS 1367 (PART 3)
124	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Bolts & Nuts	Proof Load Test	IS 1367 (PART 6)
125	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non ferrous metals and alloys	% Elongation	ASTM E8/E8M
126	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non ferrous metals and alloys	% Reduction Area	ASTM E8/E8M

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127	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non ferrous metals and alloys	Charpy Impact Test V- Notch (at room temperature)	ISO 148-1
128	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non ferrous metals and alloys	Charpy Impact Test V- Notch (Sub Zero Upto - 40 deg C)	ISO 148-1
129	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non ferrous metals and alloys	Micro Vickers Hardness	IS 1501 Part 1
130	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non ferrous metals and alloys	Micro Vickers Hardness	IS 1501 Part 1
131	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non ferrous metals and alloys	Ultimate tensile strength	ASTM E8/E8M
132	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non ferrous metals and alloys	Yield Stress	ASTM E8/E8M
133	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non-ferrous metals & alloys	Micro Vickers Hardness	IS 1501 Part 1
134	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non-ferrous metals & alloys	Micro Vickers Hardness	ISO 6507-1
135	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non-ferrous metals & alloys	Micro Vickers Hardness	ISO 6507-1
136	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non-ferrous metals & alloys	Micro Vickers Hardness	ISO 6507-1