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Laboratory Name : MINERAL & METAL TESTING SERVICES, SHED NO.8, SUVARNA LAGHU UDYOG YOJNA, ELECTRONIC ZONE, M.I.D.C., HINGNA ROAD, NAGPUR, MAHARASHTRA, INDIA

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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
Permanent Facility				
1	CHEMICAL- METALS & ALLOYS	ALLOY STEEL	COPPER	ASTM E 1086
2	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	CHROMIUM	ASTM E1251-17a
3	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	COPPER	ASTM E1251-17a
4	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	IRON	ASTM E1251-17a
5	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	LEAD	ASTM E1251-17a
6	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	MAGNESIUM	ASTM E1251-17a
7	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	MANGANESE	ASTM E1251-17a
8	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	NICKEL	ASTM E1251-17a
9	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	SILICON	ASTM E1251-17a
10	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	TITANIUM	ASTM E1251-17a
11	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	ZINC	ASTM E1251-17a
12	CHEMICAL- METALS & ALLOYS	CAST IRON	CARBON	ASTM E 1999
13	CHEMICAL- METALS & ALLOYS	CAST IRON	MANGANESE	ASTM E 1999
14	CHEMICAL- METALS & ALLOYS	CAST IRON	PHOSPHORUS	ASTM E 1999
15	CHEMICAL- METALS & ALLOYS	CAST IRON	SILICON	ASTM E 1999
16	CHEMICAL- METALS & ALLOYS	CAST IRON	SULFUR	ASTM E 1999
17	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	IRON	MMTS/VAL/01
18	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	LEAD	MMTS/VAL/01

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19	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	NICKEL	MMTS/VAL/01
20	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	PHOSPHORUS	MMTS/VAL/01
21	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	TIN	MMTS/VAL/01
22	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	ZINC	MMTS/VAL/01
23	CHEMICAL- METALS & ALLOYS	PLAIN CARBON , LOW ALLOY STEEL	CARBON	ASTME 415
24	CHEMICAL- METALS & ALLOYS	PLAIN CARBON, LOW ALLOY STEEL	ALUMINIUM	ASTME 415
25	CHEMICAL- METALS & ALLOYS	PLAIN CARBON, LOW ALLOY STEEL	BORON	ASTME 415
26	CHEMICAL- METALS & ALLOYS	PLAIN CARBON, LOW ALLOY STEEL	CHROMIUM	ASTME 415
27	CHEMICAL- METALS & ALLOYS	PLAIN CARBON, LOW ALLOY STEEL	COPPER	ASTME 415
28	CHEMICAL- METALS & ALLOYS	PLAIN CARBON, LOW ALLOY STEEL	MANGANESE	ASTME 415
29	CHEMICAL- METALS & ALLOYS	PLAIN CARBON, LOW ALLOY STEEL	MOLYBDENUM	ASTME 415
30	CHEMICAL- METALS & ALLOYS	PLAIN CARBON, LOW ALLOY STEEL	NICKEL	ASTME 415
31	CHEMICAL- METALS & ALLOYS	PLAIN CARBON, LOW ALLOY STEEL	NIOBIUM	ASTME 415
32	CHEMICAL- METALS & ALLOYS	PLAIN CARBON, LOW ALLOY STEEL	NITROGEN	ASTME 415
33	CHEMICAL- METALS & ALLOYS	PLAIN CARBON, LOW ALLOY STEEL	PHOSPHORUS	ASTME 415
34	CHEMICAL- METALS & ALLOYS	PLAIN CARBON, LOW ALLOY STEEL	SILICON	ASTME 415
35	CHEMICAL- METALS & ALLOYS	PLAIN CARBON, LOW ALLOY STEEL	SULFUR	ASTME 415
36	CHEMICAL- METALS & ALLOYS	PLAIN CARBON, LOW ALLOY STEEL	TITANIUM	ASTME 415
37	CHEMICAL- METALS & ALLOYS	PLAIN CARBON, LOW ALLOY STEEL	VANADIUM	ASTME 415

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38	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	CARBON	ASTME 1086
39	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	CHROMIUM	ASTME 1086
40	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	MANGANESE	ASTME 1086
41	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	MOLYBDENUM	ASTME 1086
42	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	NICKEL	ASTME 1086
43	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	PHOSPHORUS	ASTME 1086
44	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	SILICON	ASTME 1086
45	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	SULFUR	ASTME 1086
46	MECHANICAL- MECHANICAL PROPERTIES OF METALS	ALL WELD IN FERROUS	WELD ELONGATION	ASME SEC IX
47	MECHANICAL- MECHANICAL PROPERTIES OF METALS	ALL WELD IN FERROUS	WELD ELONGATION	AWS D 1.1/D 1.1 M
48	MECHANICAL- MECHANICAL PROPERTIES OF METALS	ALL WELD IN FERROUS	WELD ELONGATION	BS EN ISO 15614
49	MECHANICAL- MECHANICAL PROPERTIES OF METALS	ALLUMINIUM & ALLOY	ELONGATION	ASTM B 557
50	MECHANICAL- MECHANICAL PROPERTIES OF METALS	ALLUMINIUM & ALLOY	PROOF STRESS	ASTM B 557
51	MECHANICAL- MECHANICAL PROPERTIES OF METALS	ALLUMINIUM & ALLOY	REDUCTION IN AREA	ASTM B 557
52	MECHANICAL- MECHANICAL PROPERTIES OF METALS	ALLUMINIUM & ALLOY	TENSILE STRENGTH	ASTM B 557
53	MECHANICAL- MECHANICAL PROPERTIES OF METALS	ALLUMINUM & ALLOY	YIELD STRENGTH	ASTM B 557

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54	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS & NON FERROUS	TENSILE TEST	ASTM A370
55	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	% ELONGATION	ASTM A370
56	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	% ELONGATION	ASTM E 8/E8M
57	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	% ELONGATION	IS 1608-1
58	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	% REDUCTION IN AREA	ASTM A 370
59	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	% REDUCTION IN AREA	ASTM E8/E8M
60	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	% REDUCTION IN AREA	IS 1608-1
61	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	BEND TEST	BS EN ISO 7438
62	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	ELONGATION	BS EN ISO 6892-1
63	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	FLATTENING TEST	ASTM A370
64	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	FLATTENING TEST	IS 2328
65	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	FRACTURE TEST	ASME SEC IX
66	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	FRACTURE TEST	AWS D 1.1/D 1.1M
67	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	FRACTURE TEST	IS 7307-I

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68	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	FRACTURE TEST	IS 7310-I
69	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	PROOF STRESS	1608-1
70	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	PROOF STRESS	ASTM A370
71	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	PROOF STRESS	ASTM E8/E8M
72	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	PROOF STRESS	BS EN ISO 6892-1
73	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	REDUCTION IN AREA	BS EN ISO 6892-1
74	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	TENSILE TEST	ASTM E 8/E8M
75	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	TENSILE TEST	BS EN ISO 6892-1
76	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	TENSILE TEST	IS 1608-1
77	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	WEIGHT PER METER	IS 1786
78	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	YIELD STRENGTH	ASTM A 370
79	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	YIELD STRENGTH	ASTM E 8/E8M
80	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	YIELD STRENGTH	BS EN ISO 6892-1
81	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS	YIELD STRENGTH	IS 1608-1

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82	MECHANICAL-MECHANICAL PROPERTIES OF METALS	G I CHAIN LINK	MESH SIZE	IS 2721
83	MECHANICAL-MECHANICAL PROPERTIES OF METALS	G I CHAIN LINK	WIRE DIA	IS 2721
84	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	BEND TEST	ASTM A370
85	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	BEND TEST	IS 1599-RA
86	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METAL & ALLOYS	BEND TEST	IS 1786
87	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	BRINELL HARDNESS TEST	ASTM E10
88	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	BRINELL HARDNESS TEST	IS 1500-I
89	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	CHARPY V-NOTCH IMPACT TEST (Temp from -90 deg. Celsius to Room Temp.)	IS 1757-PART-I
90	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HR15N)	ASTM A370
91	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HR15N)	ASTM E 18
92	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HR15N)	IS 1586-PART-I
93	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HR30N)	ASTM A370
94	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HR30N)	ASTM E 18
95	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HR30N)	IS 1586-PART-I

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96	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HR30TW)	ASTM A370
97	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HR30TW)	ASTM E 18
98	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HR30TW)	IS 1586-PART-I
99	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HRA)	ASTM A370
100	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HRA)	ASTM E 18
101	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HRB)	ASTM A370
102	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HRB)	ASTM E 18
103	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HRB)	IS 1586-PART-I
104	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HRC)	ASTM A370
105	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HRC)	ASTM E 18
106	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HRC)	IS 1586-PART-I
107	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	ROCKWELL HARDNESS TEST (HRA)	IS 1586-PART-I
108	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	VICKERS HARDNESS TEST (HV-30Kg)	ASTM E E92
109	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	BRINELL HARDNESS TEST (HBW-10/3000)	BS EN ISO 6506

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110	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	BRINELL HARDNESS TETS (HBW-5/750)	BS EN ISO 6506
111	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	BRINELL HARDNESS TETS (HBW-5/750)	IS 1500-I
112	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	VICKERS HARDNESS TEST (HV-10 Kg)	ASTM E E92
113	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	VICKERS HARDNESS TEST (HV-10 Kg)	BS EN ISO 6507-I
114	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	VICKERS HARDNESS TEST (HV-10 Kg)	BS EN ISO 9015-1
115	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	VICKERS HARDNESS TEST (HV-10 Kg)	IS 1503-I
116	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	VICKERS HARDNESS TEST (HV-30 Kg)	ASTM E E92
117	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	VICKERS HARDNESS TEST (HV-30 Kg)	BS EN ISO 6507-I
118	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	VICKERS HARDNESS TEST (HV-30 Kg)	BS EN ISO 9015-1
119	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	VICKERS HARDNESS TEST (HV-30 Kg)	IS 1501-I
120	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	VICKERS HARDNESS TEST (HV-5 Kg)	ASTM E E92
121	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	VICKERS HARDNESS TEST (HV-5 Kg)	BS EN ISO 6507-I
122	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	VICKERS HARDNESS TEST (HV-5 Kg)	BS EN ISO 9015-1
123	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	VICKERS HARDNESS TEST (HV-50 Kg)	BS EN ISO 6507-I

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124	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIAL	VICKERS HARDNESS TEST (HV-5Kg)	IS 1501-I
125	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT STEEL BAR	REBEND TEST	IS 1786
126	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELD IN FERROUS	FACE BEND	BS EN ISO 5173
127	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELD IN FERROUS	ROOT BEND TEST	BS EN ISO 5173
128	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELD IN FERROUS	SIDE BEND TEST	BS EN ISO 5173
129	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELD IN FERROUS	TENSILE STRENGTH	ASME SEC IX
130	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELD IN FERROUS	TENSILE STRENGTH	AWS D 1.1/D 1.1 M
131	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELD IN FERROUS	TENSILE STRENGTH	BS EN ISO 15614
132	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELD IN FERROUS	WELD TENSILE STRENGTH	ASME SEC IX
133	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELD IN FERROUS	WELD TENSILE STRENGTH	AWS D 1.1/D 1.1 M
134	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELD IN FERROUS	WELD TENSILE STRENGTH	BS EN ISO 15614
135	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELD IN METALS (FERROUS)	FACE BEND TEST	ASME SEC IX
136	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELD IN METALS (FERROUS)	FACE BEND TEST	AWS D 1.1/D 1.1 M
137	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELD IN METALS (FERROUS)	ROOT BEND TEST	ASME SEC IX

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138	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELD IN METALS (FERROUS)	ROOT BEND TEST	AWS D 1.1/D 1.1 M
139	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELD IN METALS (FERROUS)	SIDE BEND TEST	ASME SEC IX
140	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELD IN METALS (FERROUS)	SIDE BEND TEST	AWS D 1.1/D 1.1 M