



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

OMEGA INSPECTION AND ANALYTICAL LABORATORY PRIVATE LIMITED,
NO:57, 58 & 35, 36, GUINDY INDUSTRIAL ESTATE, CHENNAI, TAMIL
NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6247

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Validity 04/09/2025 to 03/09/2029

Last Amended on 01/11/2025

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- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride	IS 6925 Cl. 5
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Alkali Content - Sodium as Na ₂ O	IS 4032 Clause 4.11
7	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Alkali Content Potassium as K ₂ O	IS 4032 Clause 4.11
8	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Chloride Content	IS 4032 Clause 4.13
9	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, SRPC, PSC)	Insoluble Residue	IS 4032 Clause 4.10
10	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, SRPC, PSC)	Magnesia as MgO	IS 4032 Clause 4.8.2
11	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, SRPC, PSC)	Total loss on ignition	IS 4032 Clause 4.2
12	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, SRPC, PSC)	Total Sulphur Content Calculated as Sulphuric anhydride SO ₃	IS 4032 Clause 4.9
13	CHEMICAL- BUILDING MATERIAL	Cement (OPC, SRPC)	Alumina as Al ₂ O ₃	IS 4032 Clause 4.6.2
14	CHEMICAL- BUILDING MATERIAL	Cement (OPC, SRPC)	Iron Oxide as Fe ₂ O ₃	IS 4032 Clause 4.5.2
15	CHEMICAL- BUILDING MATERIAL	Cement (OPC, SRPC)	Silica as SiO ₂	IS 4032 Clause 4.3
16	CHEMICAL- BUILDING MATERIAL	Cement (OPC, SRPC, PSC)	Calcium Oxide as CaO	IS 4032 Clause 4.7.2
17	CHEMICAL- BUILDING MATERIAL	Fly ash (Siliceous & Calcareous)	Magnesia as MgO	IS 1727 Clause 5.9
18	CHEMICAL- BUILDING MATERIAL	Fly ash (Siliceous & Calcareous)	Chloride content	IS 4032 Clause 4.13
19	CHEMICAL- BUILDING MATERIAL	Fly ash (Siliceous & Calcareous)	Combined ferric and alumina	IS 1727 Clause 5.5



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20	CHEMICAL- BUILDING MATERIAL	Fly ash (Siliceous & Calcareous)	Silica as SiO ₂	IS 1727 Clause 5.4
21	CHEMICAL- BUILDING MATERIAL	Fly ash (Siliceous & Calcareous)	Total loss on ignition	IS 1727 Clause 5.3
22	CHEMICAL- BUILDING MATERIAL	Fly ash (Siliceous & Calcareous)	Total Sulphur Content Calculated as Sulphuric anhydride SO ₃	IS 1727 Clause 4.8.2
23	CHEMICAL- CORROSION TESTS	Corrosion Test for Coated, Painted, Plated, Galvanized Materials	Salt Spray test (Fog Type)	ASTM B 117
24	CHEMICAL- CORROSION TESTS	Corrosion Test for Coated, Painted, Plated, Galvanized Materials	Salt Spray test (Fog Type)	IS 101 (Part 6/sec 1) Cl. 3
25	CHEMICAL- CORROSION TESTS	Corrosion Test for Coated, Painted, Plated, Galvanized Materials, Organic coated & Non organic Coated samples	Neutral Salt Spray Test	ISO 9227 CL: 5.2.2
26	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Cadmium (Cd)	IS 16197 Part 5
27	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Cadmium (Cd)	IEC 62321-3:Sec1
28	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Cadmium (Cd)	IEC 62321-5
29	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Cadmium (Cd)	IS 16197 Part 3:Sec1
30	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Hexavalent Chromium(Cr6+)	IEC 62321-7:Sec1
31	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Hexavalent Chromium(Cr6+)	IS 16197 Part 7: Sec.1
32	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Lead (Pb)	IEC 62321-3:Sec1
33	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Lead (Pb)	IEC 62321-5
34	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Lead (Pb)	IS 16197 Part 3:Sec1
35	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Lead (Pb)	IS 16197 Part 5



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36	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Mercury (Hg)	IEC 62321-3:Sec1
37	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Mercury (Hg)	IEC 62321-4
38	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Mercury (Hg)	IS 16197 Part 3:Sec1
39	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Mercury (Hg)	IS 16197 Part 4
40	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Total Bromine(Br)	IEC 62321-3:Sec1
41	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Total Bromine(Br)	IS 16197 Part 3:Sec1
42	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Total Chromium(Cr)	IEC 62321-3:Sec1
43	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys)	Total Chromium(Cr)	IS 16197 Part 3:Sec1
44	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Cadmium (Cd)	IEC 62321-3:Sec1
45	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Cadmium (Cd)	IEC 62321-5
46	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Cadmium (Cd)	IS 16197 Part 3:Sec1
47	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Cadmium (Cd)	IS 16197 Part 5
48	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Hexavalent Chromium(Cr6+)	IEC 62321-7:Sec2
49	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Hexavalent Chromium(Cr6+)	IS 16197 Part 7: Sec.2



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50	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Lead (Pb)	IEC 62321-3:Sec1
51	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Lead (Pb)	IEC 62321-5
52	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Lead (Pb)	IS 16197 Part 3:Sec1
53	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Lead (Pb)	IS 16197 Part 5
54	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Mercury (Hg)	IEC 62321-3:Sec1
55	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Mercury (Hg)	IEC 62321-4
56	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Mercury (Hg)	IS 16197 Part 3:Sec1
57	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Mercury (Hg)	IS 16197 Part 4
58	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Total Bromine(Br)	IEC 62321-3:Sec1
59	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Total Bromine(Br)	IS 16197 Part 3:Sec1
60	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Total Chromium(Cr)	IEC 62321-3:Sec1
61	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics, Rubbers & Polymers	Total Chromium(Cr)	IS 16197 Part 3:Sec1
62	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium alloys	Boron	ASTM E1251
63	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium alloys	Chromium	ASTM E1251
64	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium alloys	Cobalt	ASTM E1251
65	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium alloys	Copper	ASTM E1251

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66	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium alloys	Iron	ASTM E1251
67	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium alloys	Lead	ASTM E1251
68	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium alloys	Magnesium	ASTM E1251
69	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium alloys	Manganese	ASTM E1251
70	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium alloys	Nickel	ASTM E1251
71	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium alloys	Silicon	ASTM E1251
72	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium alloys	Tin	ASTM E1251
73	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium alloys	Titanium	ASTM E1251
74	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium alloys	Vanadium	ASTM E1251
75	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium alloys	Zinc	ASTM E1251
76	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium alloys	Zirconium	ASTM E1251
77	CHEMICAL- METALS & ALLOYS	Aluminium Base Alloys	XRF Analyzer (Aluminium, Silicon, Iron, Copper, Lead, Manganese, Magnesium, Molybdenum, Nickel, Niobium, Titanium, Tin, Tungsten, Chromium, Vanadium, Cobalt, Zinc, Zirconium, Cadmium, Antimony)	ASTM E1916
78	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Aluminium	JIS G1253
79	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Carbon	ASTM E1999
80	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Carbon	JIS G1253
81	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Chromium	ASTM E1999
82	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Chromium	JIS G1253
83	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Copper	ASTM E1999

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84	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Copper	JIS G1253
85	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Magnesium	JIS G1253
86	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Manganese	ASTM E1999
87	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Manganese	JIS G1253
88	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Molybdenum	ASTM E1999
89	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Molybdenum	JIS G1253
90	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Nickel	ASTM E1999
91	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Nickel	JIS G1253
92	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Phosphorous	ASTM E1999
93	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Phosphorous	JIS G1253
94	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Silicon	ASTM E1999
95	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Silicon	JIS G1253
96	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Sulphur	ASTM E1999
97	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Sulphur	JIS G1253
98	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Titanium	ASTM E1999
99	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Titanium	JIS G1253
100	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Vanadium	ASTM E1999
101	CHEMICAL- METALS & ALLOYS	Cast Iron & Alloy Cast Iron	Vanadium	JIS G1253
102	CHEMICAL- METALS & ALLOYS	Cobalt & Cobalt alloys	Aluminium	OIAL/CO/TP/03 - Issue No:01, Rev-01
103	CHEMICAL- METALS & ALLOYS	Cobalt & Cobalt alloys	Carbon	OIAL/CO/TP/03 - Issue No:01, Rev-01



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104	CHEMICAL- METALS & ALLOYS	Cobalt & Cobalt alloys	Chromium	OIAL/CO/TP/03 - Issue No:01, Rev-01
105	CHEMICAL- METALS & ALLOYS	Cobalt & Cobalt alloys	Copper	OIAL/CO/TP/03 - Issue No:01, Rev-01
106	CHEMICAL- METALS & ALLOYS	Cobalt & Cobalt alloys	Iron	OIAL/CO/TP/03 - Issue No:01, Rev-01
107	CHEMICAL- METALS & ALLOYS	Cobalt & Cobalt alloys	Manganese	OIAL/CO/TP/03 - Issue No:01, Rev-01
108	CHEMICAL- METALS & ALLOYS	Cobalt & Cobalt alloys	Molybdenum	OIAL/CO/TP/03 - Issue No:01, Rev-01
109	CHEMICAL- METALS & ALLOYS	Cobalt & Cobalt alloys	Nickel	OIAL/CO/TP/03 - Issue No:01, Rev-01
110	CHEMICAL- METALS & ALLOYS	Cobalt & Cobalt alloys	Niobium	OIAL/CO/TP/03 - Issue No:01, Rev-01
111	CHEMICAL- METALS & ALLOYS	Cobalt & Cobalt alloys	Nitrogen	OIAL/CO/TP/03 - Issue No:01, Rev-01
112	CHEMICAL- METALS & ALLOYS	Cobalt & Cobalt alloys	Silicon	OIAL/CO/TP/03 - Issue No:01, Rev-01
113	CHEMICAL- METALS & ALLOYS	Cobalt & Cobalt alloys	Titanium	OIAL/CO/TP/03 - Issue No:01, Rev-01
114	CHEMICAL- METALS & ALLOYS	Cobalt & Cobalt alloys	Tungsten	OIAL/CO/TP/03 - Issue No:01, Rev-01
115	CHEMICAL- METALS & ALLOYS	Cobalt & Cobalt alloys	Vanadium	OIAL/CO/TP/03 - Issue No:01, Rev-01
116	CHEMICAL- METALS & ALLOYS	Cobalt Base Alloys	XRF Analyzer (Aluminium, Silicon, Iron, Copper, Lead, Manganese, Molybdenum, Nickel, Niobium, Titanium, Tin, Tungsten, Chromium, Vanadium, Cobalt, Zinc)	ASTM E1916
117	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Aluminium	BS EN 15079
118	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Antimony	BS EN 15079
119	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Arsenic	BS EN 15079
120	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Beryllium	BS EN 15079
121	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Bismuth	BS EN 15079
122	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Chromium	BS EN 15079

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123	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Cobalt	BS EN 15079
124	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Iron	BS EN 15079
125	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Lead	BS EN 15079
126	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Magnesium	BS EN 15079
127	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Manganese	BS EN 15079
128	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Nickel	BS EN 15079
129	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Phosphorous	BS EN 15079
130	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Silicon	BS EN 15079
131	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Silver	BS EN 15079
132	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Sulphur	BS EN 15079
133	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Tin	BS EN 15079
134	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Zinc	BS EN 15079
135	CHEMICAL- METALS & ALLOYS	Copper Base Alloys	XRF Analyzer (Aluminium, Silicon, Iron, Copper, Lead, Manganese, Molybdenum, Nickel, Niobium, Titanium, Tin, Tungsten, Chromium, Vanadium, Cobalt, Zinc, Silver, Cadmium, Tin, Bismuth)	ASTM E1916
136	CHEMICAL- METALS & ALLOYS	Iron Base Alloys	XRF Analyzer (Aluminium, Silicon, Iron, Copper, Lead, Manganese, Molybdenum, Nickel, Niobium, Titanium, Tin, Tungsten, Chromium, Vanadium, Cobalt, Zinc, Phosphorous, Antimony)	ASTM E1916
137	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Aluminium	ASTM E3047
138	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Aluminium	OIAL/Ni/TP/01 - Issue No:01



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139	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Boron	ASTM E3047
140	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Carbon	ASTM E3047
141	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Carbon	OIAL/Ni/TP/01 - Issue No:01
142	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Chromium	ASTM E3047
143	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Chromium	OIAL/Ni/TP/01 - Issue No:01
144	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Cobalt	ASTM E3047
145	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Cobalt	OIAL/Ni/TP/01 - Issue No:01
146	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Copper	ASTM E3047
147	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Copper	OIAL/Ni/TP/01 - Issue No:01
148	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Iron	ASTM E3047
149	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Iron	OIAL/Ni/TP/01 - Issue No:01
150	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Magnesium	ASTM E3047
151	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Manganese	ASTM E3047
152	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Manganese	OIAL/Ni/TP/01 - Issue No:01
153	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Molybdenum	ASTM E3047
154	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Molybdenum	OIAL/Ni/TP/01 - Issue No:01
155	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Niobium	ASTM E3047
156	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Niobium	OIAL/Ni/TP/01 - Issue No:01
157	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Phosphorous	ASTM E3047
158	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Phosphorous	OIAL/Ni/TP/01 - Issue No:01



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OMEGA INSPECTION AND ANALYTICAL LABORATORY PRIVATE LIMITED,
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NADU, INDIA

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159	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Silicon	ASTM E3047
160	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Silicon	OIAL/Ni/TP/01 - Issue No:01
161	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Sulphur	ASTM E3047
162	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Sulphur	OIAL/Ni/TP/01 - Issue No:01
163	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Tantalum	ASTM E3047
164	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Titanium	ASTM E3047
165	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Titanium	OIAL/Ni/TP/01 - Issue No:01
166	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Tungsten	ASTM E3047
167	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Tungsten	OIAL/Ni/TP/01 - Issue No:01
168	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Vanadium	ASTM E3047
169	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Vanadium	OIAL/Ni/TP/01 - Issue No:01
170	CHEMICAL- METALS & ALLOYS	Nickel & Nickel alloys	Zirconium	ASTM E3047
171	CHEMICAL- METALS & ALLOYS	Nickel Base Alloy	XRF Analyzer (Aluminium, Silicon, Iron, Copper, Lead, Manganese, Molybdenum, Nickel, Niobium, Titanium, Tin, Tungsten, Chromium, Vanadium, Cobalt, Zinc, Zirconium, Silver, Cadmium)	ASTM E1916
172	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Aluminium	ASTM E415
173	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Aluminium	IS 8811
174	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Aluminium	JIS G1253
175	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Boron	ASTM E415
176	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Boron	IS 8811



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177	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Boron	JIS G1253
178	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Carbon	ASTM E415
179	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Carbon	IS 8811
180	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Carbon	JIS G1253
181	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Chromium	ASTM E415
182	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Chromium	IS 8811
183	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Chromium	JIS G1253
184	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Cobalt	ASTM E415
185	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Cobalt	IS 8811
186	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Cobalt	JIS G1253
187	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Copper	ASTM E415
188	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Copper	IS 8811
189	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Copper	JIS G1253
190	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Lead	ASTM E415
191	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Lead	JIS G1253
192	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Manganese	ASTM E415
193	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Manganese	IS 8811
194	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Manganese	JIS G1253
195	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Molybdenum	ASTM E415
196	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Molybdenum	IS 8811



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197	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Molybdenum	JIS G1253
198	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Nickel	ASTM E415
199	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Nickel	IS 8811
200	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Nickel	JIS G1253
201	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Niobium	ASTM E415
202	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Niobium	IS 8811
203	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Niobium	JIS G1253
204	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Nitrogen	ASTM E415
205	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Nitrogen	JIS G1253
206	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Phosphorous	ASTM E415
207	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Phosphorous	IS 8811
208	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Phosphorous	JIS G1253
209	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Silicon	ASTM E415
210	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Silicon	IS 8811
211	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Silicon	JIS G1253
212	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Sulphur	ASTM E415
213	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Sulphur	IS 8811
214	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Sulphur	JIS G1253
215	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Titanium	ASTM E415
216	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Titanium	IS 8811



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217	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Titanium	JIS G1253
218	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Tungsten	JIS G1253
219	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Vanadium	ASTM E415
220	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Vanadium	IS 8811
221	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Vanadium	JIS G1253
222	CHEMICAL- METALS & ALLOYS	Stainless steel	Aluminium	JIS G1253
223	CHEMICAL- METALS & ALLOYS	Stainless steel	Boron	JIS G1253
224	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	ASTM E1086
225	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	IS 9879
226	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	JIS G1253
227	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	ASTM E1086
228	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	IS 9879
229	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	JIS G1253
230	CHEMICAL- METALS & ALLOYS	Stainless steel	Cobalt	JIS G1253
231	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper	ASTM E1086
232	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper	IS 9879
233	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper	JIS G1253
234	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	ASTM E1086
235	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	IS 9879
236	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	JIS G1253



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237	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	ASTM E1086
238	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	IS 9879
239	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	JIS G1253
240	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	ASTM E1086
241	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	IS 9879
242	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	JIS G1253
243	CHEMICAL- METALS & ALLOYS	Stainless steel	Niobium	JIS G1253
244	CHEMICAL- METALS & ALLOYS	Stainless steel	Nitrogen	JIS G1253
245	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorous	ASTM E1086
246	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorous	IS 9879
247	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorous	JIS G1253
248	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	ASTM E1086
249	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	IS 9879
250	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	JIS G1253
251	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur	ASTM E1086
252	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur	IS 9879
253	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur	JIS G1253
254	CHEMICAL- METALS & ALLOYS	Stainless steel	Tantalum	JIS G1253
255	CHEMICAL- METALS & ALLOYS	Stainless steel	Titanium	JIS G1253
256	CHEMICAL- METALS & ALLOYS	Stainless steel	Tungsten	JIS G1253



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257	CHEMICAL- METALS & ALLOYS	Stainless steel	Vanadium	JIS G1253
258	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Aluminium	ASTM E2994
259	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Aluminium	OIAL/Ti/TP/02 - Issue No:01
260	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Carbon	OIAL/Ti/TP/02 - Issue No:01
261	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Chromium	ASTM E2994
262	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Chromium	OIAL/Ti/TP/02 - Issue No:01
263	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Copper	ASTM E2994
264	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Copper	OIAL/Ti/TP/02 - Issue No:01
265	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Iron	ASTM E2994
266	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Iron	OIAL/Ti/TP/02 - Issue No:01
267	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Manganese	ASTM E2994
268	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Manganese	OIAL/Ti/TP/02 - Issue No:01
269	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Molybdenum	ASTM E2994
270	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Molybdenum	OIAL/Ti/TP/02 - Issue No:01
271	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Nickel	ASTM E2994
272	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Nickel	OIAL/Ti/TP/02 - Issue No:01
273	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Silicon	ASTM E2994
274	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Silicon	OIAL/Ti/TP/02 - Issue No:01
275	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Tin	ASTM E2994
276	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Tin	OIAL/Ti/TP/02 - Issue No:01



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277	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Vanadium	ASTM E2994
278	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Vanadium	OIAL/Ti/TP/02 - Issue No:01
279	CHEMICAL- METALS & ALLOYS	Titanium Base Alloy	XRF Analyzer (Aluminium, Silicon, Iron, Copper, Lead, Manganese, Molybdenum, Nickel, Niobium, Titanium, Tin, Chromium, Vanadium, Cobalt, Zinc)	ASTM E1916
280	CHEMICAL- METALS & ALLOYS	Tool Steel	Aluminium	JIS G1253
281	CHEMICAL- METALS & ALLOYS	Tool Steel	Boron	JIS G1253
282	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon	JIS G1253
283	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium	JIS G1253
284	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt	JIS G1253
285	CHEMICAL- METALS & ALLOYS	Tool Steel	Copper	JIS G1253
286	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	JIS G1253
287	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	JIS G1253
288	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel	JIS G1253
289	CHEMICAL- METALS & ALLOYS	Tool Steel	Niobium	JIS G1253
290	CHEMICAL- METALS & ALLOYS	Tool Steel	Nitrogen	JIS G1253
291	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorous	JIS G1253
292	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	JIS G1253
293	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur	JIS G1253
294	CHEMICAL- METALS & ALLOYS	Tool Steel	Tantalum	JIS G1253
295	CHEMICAL- METALS & ALLOYS	Tool Steel	Titanium	JIS G1253

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296	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	JIS G1253
297	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	JIS G1253
298	CHEMICAL- METALS & ALLOYS	Zinc Base Alloys	XRF Analyzer (Aluminium, Silicon, Iron, Copper, Lead, Manganese, Nickel, Tin, Chromium, Vanadium, Cobalt, Zinc, Cadmium)	ASTM E1916
299	CHEMICAL- WATER	Water for Drinking purpose	Calcium as Ca	APHA 24th Edition (3500 Ca B)
300	CHEMICAL- WATER	Water for construction purpose	Chloride as Cl	IS 3025 Part 32, CL.2
301	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS 3025 Part 18
302	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS 3025 Part 18
303	CHEMICAL- WATER	Water for construction purpose	pH @ 25 °C	IS 3025 Part 11
304	CHEMICAL- WATER	Water for construction purpose	Quantity of 0.02N H ₂ SO ₄ required to neutralize 100 ml of water sample using mixed indicator	IS 3025 Part 23
305	CHEMICAL- WATER	Water for construction purpose	Quantity of 0.02N NaOH required to neutralize 100 ml of water sample using phenolphthalein indicator	IS 3025 Part 22
306	CHEMICAL- WATER	Water for construction purpose	Sulphate as SO ₃	IS 3025 (Part 24/Sec 1)
307	CHEMICAL- WATER	Water for construction purpose	Suspended Solids	IS 3025 Part 17
308	CHEMICAL- WATER	Water for Drinking purpose	Calcium as Ca	IS 3025 Part 40 Cl. 5
309	CHEMICAL- WATER	Water for Drinking purpose	Chloride as Cl	APHA 24th Edition (4500 Cl- B)
310	CHEMICAL- WATER	Water for Drinking purpose	Chloride as Cl	IS 3025 Part 32 CL.2
311	CHEMICAL- WATER	Water for Drinking purpose	Chromium as Cr ₆₊	APHA 24th Edition (3500 Cr B)
312	CHEMICAL- WATER	Water for Drinking purpose	Chromium as Cr ₆₊	IS 3025 Part 52 Cl. 6
313	CHEMICAL- WATER	Water for Drinking purpose	Colour	APHA 24th Edition (2120 B)
314	CHEMICAL- WATER	Water for Drinking purpose	Colour	IS 3025 Part 04
315	CHEMICAL- WATER	Water for Drinking purpose	Electrical Conductivity @ 25°C	APHA 24th Edition (2510 B)
316	CHEMICAL- WATER	Water for Drinking purpose	Electrical Conductivity @ 25°C	IS 3025 Part 14
317	CHEMICAL- WATER	Water for Drinking purpose	Fluoride as F	APHA 24th Edition (4500F D)
318	CHEMICAL- WATER	Water for Drinking purpose	Iron as Fe	APHA 24th Edition (3500 Fe B)
319	CHEMICAL- WATER	Water for Drinking purpose	Iron as Fe	IS 3025 Part 53 Cl. 6
320	CHEMICAL- WATER	Water for Drinking purpose	Magnesium as Mg	APHA 24th Edition (3500 Mg B)

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321	CHEMICAL- WATER	Water for Drinking purpose	Magnesium as Mg	IS 3025 Part 46 Cl. 6
322	CHEMICAL- WATER	Water for Drinking purpose	Nitrate as NO ₃	APHA 24th Edition (4500 NO ₃ B)
323	CHEMICAL- WATER	Water for Drinking purpose	Odour	APHA 24th Edition (2150 A)
324	CHEMICAL- WATER	Water for Drinking purpose	Odour	IS 3025 Part 05
325	CHEMICAL- WATER	Water for Drinking purpose	pH at 25° C	APHA 24th Edition (4500 -H+ B)
326	CHEMICAL- WATER	Water for Drinking purpose	pH at 25° C	IS 3025 Part 11
327	CHEMICAL- WATER	Water for Drinking purpose	Residual Chlorine	IS 3025 Part 26 Cl. 4
328	CHEMICAL- WATER	Water for Drinking purpose	Sulphate as SO ₄	APHA 24th Edition(4500 - SO ₂ -4 E)
329	CHEMICAL- WATER	Water for Drinking purpose	Sulphate as SO ₄	IS 3025 (Part 24/Sec 1)
330	CHEMICAL- WATER	Water for Drinking purpose	Total Alkalinity as CaCO ₃	APHA 24th Edition, (2320 B)
331	CHEMICAL- WATER	Water for Drinking purpose	Total Alkalinity as CaCO ₃	IS 3025 Part 23
332	CHEMICAL- WATER	Water for Drinking purpose	Total Dissolved Solids	APHA 24th Edition (2540 C)
333	CHEMICAL- WATER	Water for Drinking purpose	Total Dissolved Solids	IS 3025 Part 16
334	CHEMICAL- WATER	Water for Drinking purpose	Total Hardness as CaCO ₃	APHA 24th Edition (2340 C)
335	CHEMICAL- WATER	Water for Drinking purpose	Total Hardness as CaCO ₃	IS 3025 Part 21 Cl. 5
336	CHEMICAL- WATER	Water for Drinking purpose	Turbidity	APHA 24th Edition (2130 B)
337	CHEMICAL- WATER	Water for Drinking purpose	Turbidity	IS 3025 Part 10
338	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks (AAC Blocks)	Block Density	IS 6441 (Part-1)
339	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks (AAC Blocks)	Compressive Strength	IS 6441 (Part-5)
340	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks (AAC Blocks)	Moisture Content	IS 6441 (Part-1)
341	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 Part 1
342	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension Test - Breadth	IS 1077
343	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension Test - Height	IS 1077
344	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension Test - Length	IS 1077
345	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 Part 3



National Accreditation Board for Testing and Calibration Laboratories

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Laboratory Name :

OMEGA INSPECTION AND ANALYTICAL LABORATORY PRIVATE LIMITED,
NO:57, 58 & 35, 36, GUINDY INDUSTRIAL ESTATE, CHENNAI, TAMIL
NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6247

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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
346	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 Part 2
347	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC)	Specific Gravity	IS 4031 (Part 11)
348	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC)	Compressive Strength (N/mm ²)	IS 4031 (Part 6)
349	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC)	Final Setting Time	IS 4031 (Part 5)
350	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC)	Fineness (Blain's Air Permeability method)	IS 4031 (Part 2)
351	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC)	Initial Setting Time	IS 4031 (Part 5)
352	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC)	Normal Consistency	IS 4031 (Part 4)
353	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC)	Soundness (by Autoclave)	IS 4031 (Part 3)
354	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRPC)	Soundness (Le-Chalier Method)	IS 4031 (Part 3)
355	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 (Part 4)
356	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density - Loose	IS 2386 (Part 3)
357	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density - Rodded	IS 2386 (Part 3)
358	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
359	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
360	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
361	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
362	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material finer than 75 mic	IS 2386 (Part 1)
363	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve size: 80, 63, 40, 20, 16, 12.5, 10 & 4.75 mm)	IS 2386 (Part 1)
364	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3): 2021
365	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Ten percent fines value	IS 2386 (Part 4)

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366	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
367	MECHANICAL- BUILDINGS MATERIALS	Concrete Beam	Flexural Strength	IS 516(Part 1 / Sec 1) Cl.4
368	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks (Hollow/Solid)	Block Density	IS 2185 (Part-1)
369	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks (Hollow/Solid)	Compressive -Strength	IS 2185 (Part-1)
370	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks (Hollow/Solid)	Water Absorption	IS 2185 (Part-1)
371	MECHANICAL- BUILDINGS MATERIALS	Concrete Cores	Compressive Strength	IS 516 (Part 4)
372	MECHANICAL- BUILDINGS MATERIALS	Concrete Cubes - Accelerated Curing	Compressive Strength	IS 9013
373	MECHANICAL- BUILDINGS MATERIALS	Concrete Cubes	Compressive Strength	IS 516(Part 1 / Sec 1) Cl.3
374	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Compressive Strength	IS 15658 (Annex D)
375	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Flexural Strength	IS 15658 (Annex G)
376	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Split Tensile	IS 15658 (Annex F)
377	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Water Absorption	IS 15658 (Annex C)
378	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M. Sand, P. Sand & Crushed Sand)	Bulk Density - Loose	IS 2386 (Part 3)
379	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M. Sand, P. Sand & Crushed Sand)	Bulk Density - Rodded	IS 2386 (Part 3)
380	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M. Sand, P. Sand & Crushed Sand)	Material finer than 75 mic	IS 2386 (Part 1)
381	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M. Sand, P. Sand & Crushed Sand)	Moisture Content	IS 2386 (Part-3)
382	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M. Sand, P. Sand & Crushed Sand)	Sieve Analysis (Sieve size: 10, 4.75, 2.36, 1.18 mm & 600,300,150, 75 µm)	IS 2386 (Part 1)
383	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M. Sand, P. Sand & Crushed Sand)	Silt Content	AS 1143 (Part 33)
384	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M. Sand, P. Sand & Crushed Sand)	Silt Content	IS 2386 (Part 2): 2021
385	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M. Sand, P. Sand & Crushed Sand)	Specific Gravity	IS 2386 (Part 3)

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386	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M. Sand, P. Sand & Crushed Sand)	Water Absorption	IS 2386 (Part 3)
387	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Compressive Strength	IS 3495 Part 1
388	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension Test - Breadth	IS 12894
389	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension Test - Height	IS 12894
390	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension Test - Length	IS 12894
391	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Efflorescence	IS 3495 Part 3
392	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Water Absorption	IS 3495 Part 2
393	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by (Blain's Air Permeability method)	IS 1727
394	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Residue on 45 micron IS sieve	IS 1727
395	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness (by Autoclave)	IS 1727
396	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS 1727
397	MECHANICAL- BUILDINGS MATERIALS	GGBS	Slag Activity Index (SAI)	IS 16714
398	MECHANICAL- BUILDINGS MATERIALS	GGBS/UGGBS	Fineness by (Blain's Air Permeability method)	IS 4031 (Part 2)
399	MECHANICAL- BUILDINGS MATERIALS	GGBS/UGGBS	Residue on 45 micron IS sieve	IS 1727
400	MECHANICAL- BUILDINGS MATERIALS	GGBS/UGGBS	Specific Gravity	IS 1727
401	MECHANICAL- BUILDINGS MATERIALS	Hardend Concrete	Depth of Water Penetration under pressure (WPT)	DIN 1048 (Part 5)
402	MECHANICAL- BUILDINGS MATERIALS	Hardend Concrete	Depth of Water Penetration under pressure (WPT)	IS 516 (Part 2 / Sec 1) Cl.5
403	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Chloride Ion Penetration - Rapid Chloride Permeability Test (RCPT)	ASTM C1202
404	MECHANICAL- BUILDINGS MATERIALS	Kerb Stone (by Core cutter method)	Compressive Strength	IS 516 (Part 4)
405	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Coupler (Static Tensile Test)	Tensile Strength	IS 1608 (Part-1)

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406	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Coupler(Static Tensile Test)	Total Elongation at Maximum force	IS 16172
407	MECHANICAL- BUILDINGS MATERIALS	Reinforcing Steel	0.2% Proof Stress	IS 1608 (Part-1)
408	MECHANICAL- BUILDINGS MATERIALS	Reinforcing Steel	Bend Test (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240, 290, 320, 360)	IS 1599
409	MECHANICAL- BUILDINGS MATERIALS	Reinforcing Steel	Deformation Geometry (Area of Transverse Rib)	IS 1786
410	MECHANICAL- BUILDINGS MATERIALS	Reinforcing Steel	Elongation	IS 1608 (Part-1)
411	MECHANICAL- BUILDINGS MATERIALS	Reinforcing Steel	Mass per meter	IS 1786
412	MECHANICAL- BUILDINGS MATERIALS	Reinforcing Steel	Rebend Test (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240, 290, 320, 360)	IS 1786
413	MECHANICAL- BUILDINGS MATERIALS	Reinforcing Steel	Total Elongation at Maximum Force	IS 1608 (Part-1)
414	MECHANICAL- BUILDINGS MATERIALS	Reinforcing Steel	TS/YS Ratio	IS 1786
415	MECHANICAL- BUILDINGS MATERIALS	Reinforcing Steel	Ultimate Tensile Stress	IS 1608 (Part-1)
416	MECHANICAL- BUILDINGS MATERIALS	Reinforcing Steel	Yield Stress	IS 1608 (Part-1)
417	MECHANICAL- BUILDINGS MATERIALS	Silica Fume / Micro Silica	Residue on 45 micron IS sieve	IS 1727
418	MECHANICAL- BUILDINGS MATERIALS	Silica Fume / Micro Silica	Specific Gravity	IS 1727
419	MECHANICAL- BUILDINGS MATERIALS	UGGBS	Slag Activity Index (SAI)	IS 16715
420	MECHANICAL- MECHANICAL PROPERTIES OF METALS	All Weld Tension Specimen	0.2% Proof Stress / Strength	AWS D1.1/D1.1 M, Cl: 6.10.3.6
421	MECHANICAL- MECHANICAL PROPERTIES OF METALS	All Weld Tension Specimen	Elongation	AWS D1.1/D1.1 M, Cl: 6.10.3.6



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422	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Weld Tension Specimen	Tensile Stress / Strength	AWS D1.1/D1.1 M, Cl: 6.10.3.4 to 6.10.3.6
423	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium Base Alloys	0.2 % Proof Stress / Strength	ASTM B557/B557M
424	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium Base Alloys	Elongation	ASTM B557/B557M
425	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium Base Alloys	Reduction Area	ASTM B557/B557M
426	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium Base Alloys	Tensile Stress / Strength	ASTM B557/B557M
427	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium Base Alloys	Yield Stress / Strength	ASTM B557/B557M
428	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys)	Micro Vickers - HV 1	IS 1501 (Part 1)
429	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	0.2 % Proof Stress / Strength	ASTM E8/E8M
430	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	0.2 % Proof Stress / Strength	BS-EN-ISO 6892-1
431	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	0.2 % Proof Stress / Strength	IS 1608 (Part 1)
432	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	0.2 % Proof Stress / Strength	ISO-6892-1
433	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Bend (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	ASTM E290
434	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Bend (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	BS-EN-ISO 7438



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435	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Bend (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	IS 1599
436	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Bend (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	ISO 7438
437	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Brinell Hardness - HBW 2.5/187.5	ASTM E10
438	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Brinell Hardness - HBW 2.5/187.5	BS-EN-ISO-6506-1
439	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Brinell Hardness - HBW 2.5/187.5	IS 1500 (Part 1)
440	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Brinell Hardness - HBW 2.5/187.5	ISO-6506-1
441	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Brinell Hardness -HBW (5/750)	ASTM E10
442	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Brinell Hardness-HBW (5/750)	BS-EN-ISO-6506-1
443	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Brinell Hardness-HBW (5/750)	IS 1500 (Part 1)
444	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Brinell Hardness-HBW (5/750)	ISO-6506-1
445	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Elevated Temperature Test (Ambient to 800°C) - Elongation	ASTM E21
446	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Elevated Temperature Test (Ambient to 800°C) - Elongation	BS-EN-ISO 6892-2
447	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Elevated Temperature Test (Ambient to 800°C) - Elongation	ISO 6892-2



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448	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Elevated Temperature Test (Ambient to 800°C) -Reduction Area	ASTM E21
449	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Elevated Temperature Test (Ambient to 800°C) -Reduction Area	BS-EN-ISO 6892-2
450	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Elevated Temperature Test (Ambient to 800°C) -Reduction Area	ISO 6892-2
451	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Elevated Temperature Test (Ambient to 800°C) -Tensile Strength	ASTM E21
452	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Elevated Temperature Test (Ambient to 800°C) -Tensile Strength	BS-EN-ISO 6892-2
453	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Elevated Temperature Test (Ambient to 800°C) -Tensile Strength	ISO 6892-2
454	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Elevated Temperature Test (Ambient to 800°C) -Yield Strength	ASTM E21
455	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Elevated Temperature Test (Ambient to 800°C) -Yield Strength	BS-EN-ISO 6892-2
456	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Elevated Temperature Test (Ambient to 800°C) -Yield Strength	ISO 6892-2
457	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Elongation	ASTM E8/E8M
458	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Elongation	BS-EN-ISO 6892-1
459	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Elongation	IS 1608 (Part 1)
460	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Elongation	ISO-6892-1
461	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Flattening test (Tubes & Pipes)	BS EN ISO-8492



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462	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Flattening test (Tubes & Pipes)	IS 2328
463	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Flattening test (Tubes & Pipes)	ISO 8492
464	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Impact Test - Charpy (-196°C, -75°C to +100°C)	ASTM E23
465	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Impact Test - Charpy (-196°C, -75°C to +100°C)	BS-EN-ISO-148-1
466	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Impact Test - Charpy (-196°C, -75°C to +100°C)	IS 1499
467	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Impact Test - Charpy (-196°C, -75°C to +100°C)	IS:1757(Part 1)
468	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Impact Test - Charpy (-196°C, -75°C to +100°C)	ISO-148-P1
469	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Impact Test - Izod (Ambient Temperature)	IS 1598
470	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Micro Vickers - HV 0.1	ASTM E384
471	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Micro Vickers - HV 0.1	ASTM E92
472	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Micro Vickers - HV 0.1	IS 1501 (Part 1)
473	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Micro Vickers - HV 0.1	ISO 6507 (Part 1)
474	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Micro Vickers - HV 0.3	ASTM E384
475	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Micro Vickers - HV 0.3	ASTM E92



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476	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Micro Vickers - HV 0.3	IS 1501 (Part 1)
477	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Micro Vickers - HV 0.3	ISO 6507 (Part 1)
478	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Micro Vickers - HV 0.5	ASTM E384
479	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Micro Vickers - HV 0.5	ASTM E92
480	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Micro Vickers - HV 0.5	IS 1501 (Part 1)
481	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Micro Vickers - HV 0.5	ISO 6507 (Part 1)
482	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Micro Vickers - HV 1	ASTM E384
483	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Micro Vickers - HV 1	ASTM E92
484	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Micro Vickers - HV 1	ISO 6507 (Part 1)
485	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Reduction Area	ASTM E8/E8M
486	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Reduction Area	BS-EN-ISO 6892-1
487	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Reduction Area	IS 1608 (Part 1)
488	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Reduction Area	ISO-6892-1
489	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR15N)	ASTM E18



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490	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR15N)	BS-EN-ISO-6508-1
491	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR15N)	IS 1586(Part 1)
492	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR15N)	ISO-6508-1
493	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR15TW)	ASTM E18
494	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR15TW)	BS-EN-ISO-6508-1
495	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR15TW)	IS 1586(Part 1)
496	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR15TW)	ISO-6508-1
497	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR30N)	ASTM E18
498	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR30N)	BS-EN-ISO-6508-1
499	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR30N)	IS 1586(Part 1)
500	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR30N)	ISO-6508-1
501	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR30TW)	ASTM E18
502	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR30TW)	BS-EN-ISO-6508-1
503	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR30TW)	IS 1586(Part 1)



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504	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR30TW)	ISO-6508-1
505	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR45N)	ASTM E18
506	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR45N)	BS-EN-ISO-6508-1
507	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR45N)	IS 1586(Part 1)
508	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR45N)	ISO-6508-1
509	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR45TW)	ASTM E18
510	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR45TW)	BS-EN-ISO-6508-1
511	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR45TW)	IS 1586(Part 1)
512	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HR45TW)	ISO-6508-1
513	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HRA)	ASTM E18
514	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HRA)	BS-EN-ISO-6508-1
515	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HRA)	IS 1586(Part 1)
516	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HRA)	ISO-6508-1
517	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HRBW)	ASTM E18



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518	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HRBW)	BS-EN-ISO-6508-1
519	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HRBW)	IS 1586(Part 1)
520	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HRBW)	ISO-6508-1
521	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Tensile Stress / Strength	ASTM E8/E8M
522	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Tensile Stress / Strength	BS-EN-ISO 6892-1
523	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Tensile Stress / Strength	IS 1608 (Part 1)
524	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Tensile Stress / Strength	ISO-6892-1
525	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Vickers Hardness - HV 10	ASTM E92
526	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Vickers Hardness - HV 10	IS 1501 (Part 1)
527	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Vickers Hardness - HV 10	ISO 6507 (Part 1)
528	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Vickers Hardness - HV 30	ASTM E92
529	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Vickers Hardness - HV 30	IS 1501 (Part 1)
530	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Vickers Hardness - HV 30	ISO 6507 (Part 1)
531	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Vickers Hardness - HV 5	ASTM E92



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532	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Vickers Hardness - HV 5	IS 1501 (Part 1)
533	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Vickers Hardness - HV 5	ISO 6507 (Part 1)
534	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Yield Stress / Strength	ASTM E8/E8M
535	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Yield Stress / Strength	BS-EN-ISO 6892-1
536	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Yield Stress / Strength	IS 1608 (Part 1)
537	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Yield Stress / Strength	ISO-6892-1
538	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys	Brinell Hardness - HBW 10/1000	ASTM E10
539	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys	Brinell Hardness - HBW 10/1000	BS-EN-ISO-6506-1
540	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys	Brinell Hardness - HBW 10/1000	IS 1500 (Part 1)
541	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Base Alloys, Copper Base Alloys	Brinell Hardness - HBW 10/1000	ISO-6506-1
542	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Drift Expansion test (For Tubes)	IS 2335
543	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Brinell Hardness - HBW 10/3000	ASTM E10
544	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Brinell Hardness - HBW 10/3000	BS-EN-ISO-6506-1
545	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Brinell Hardness - HBW 10/3000	IS 1500 (Part 1)



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546	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Brinell Hardness - HBW 10/3000	ISO-6506-1
547	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Alloy Steels ,Stainless Steels	Shear Strength	ASME BPVC II-A - SA 263 CL -7.2.1
548	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Alloy Steels ,Stainless Steels	Shear Strength	ISO 8749
549	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Alloy Steels, Stainless Steels	Shear Strength	ASTM A263
550	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low Alloy Steels, Stainless Steels	Shear Strength	IS 5242
551	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials - Tubes (Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys)	Drift Expansion test (For Tubes)	BS-EN-ISO 8493
552	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials - Tubes (Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys)	Drift Expansion test (For Tubes)	ISO 8493
553	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials - Tubes (Plain Carbon Steels Low Alloy Steels Stainless Steels)	Drift Expansion test (For Tubes)	ISO 8493
554	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials - Tubes (Plain Carbon Steels Low Alloy Steels Stainless Steels)	Drift Expansion test (For Tubes)	BS-EN-ISO 8493
555	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel Base Alloys	Shear Strength	ASME BPVC II-A - SA 264-CL 7.2.1
556	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel Base Alloys	Shear Strength	ASTM A264
557	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steel & Low Alloy Steel (Bars-Round & Square)	Weight per meter	IS 1732
558	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steel & Low Alloy Steel (Hollow Steel Sections)	Weight per meter	IS 4923
559	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steel & Low Alloy Steel (Hot Rolled Beam, Column & Angles)	Weight per meter	IS 808



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560	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steel & Low Alloy Steel (Plate, Sheet & Flats)	Weight per meter	IS 1730
561	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steel & Low Alloy Steel (Tubes & Pipes)	Weight per meter	IS 1161
562	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steel	Drift Expansion test (For Tubes)	IS 2335
563	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels , Tool Steels.	Rockwell Hardness (HRC)	ASTM E18
564	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels Reinforcing steels, Tool Steels, Cast Iron	Micro Vickers - HV 0.1	ASTM E384
565	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels Reinforcing steels, Tool Steels, Cast Iron	Micro Vickers - HV 0.1	ISO 6507 (Part 1)
566	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels Reinforcing steels, Tool Steels, Cast Iron	Micro Vickers - HV 0.3	ASTM E384
567	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels Reinforcing steels, Tool Steels, Cast Iron	Micro Vickers - HV 0.3	ASTM E92
568	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels Reinforcing steels, Tool Steels, Cast Iron	Micro Vickers - HV 0.3	ISO 6507 (Part 1)
569	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels Reinforcing steels, Tool Steels, Cast Iron	Micro Vickers - HV 0.5	ASTM E384
570	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels Reinforcing steels, Tool Steels, Cast Iron	Micro Vickers - HV 0.5	ISO 6507 (Part 1)
571	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels Reinforcing steels, Tool Steels, Cast Iron	Micro Vickers - HV 1	ISO 6507 (Part 1)
572	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels Reinforcing steels, Tool Steels, Cast Iron	Vickers Hardness - HV 10	IS 1501 (Part 1)
573	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels Reinforcing steels, Tool Steels, Cast Iron	Vickers Hardness - HV 30	IS 1501 (Part 1)



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574	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron,	Brinell Hardness - HBW 10/3000	ASTM E10
575	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron,	Brinell Hardness - HBW 10/3000	BS-EN-ISO-6506-1
576	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron,	Brinell Hardness - HBW 10/3000	IS 1500 (Part 1)
577	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron,	Brinell Hardness - HBW 10/3000	ISO-6506-1
578	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron,	Impact Test - Charpy (-196°C, -75°C to +100°C)	IS 1499
579	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron,	Impact Test - Charpy (-196°C, -75°C to +100°C)	ASTM A923 METHOD-B
580	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron.	Bend (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	ASTM A370
581	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron.	Bend (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	ASTM E290
582	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron.	Bend (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	BS-EN-ISO 7438
583	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron.	Bend (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	IS 1599
584	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron.	Bend (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	ISO 7438
585	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron.	Impact Test - Charpy (-196°C, -75°C to +100°C)	ASTM A370



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586	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron.	Impact Test - Charpy (-196°C, -75°C to +100°C)	ASTM E23
587	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron.	Impact Test - Charpy (-196°C, -75°C to +100°C)	BS-EN-ISO-148-1
588	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron.	Impact Test - Charpy (-196°C, -75°C to +100°C)	IS:1757(Part 1)
589	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron.	Impact Test - Charpy (-196°C, -75°C to +100°C)	ISO-148-P1
590	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron	Impact Test - Izod (Ambient Temperature)	IS 1598
591	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron	Micro Vickers - HV 1	ASTM E384
592	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron	Micro Vickers - HV 1	ASTM E92
593	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Reinforcing steels, Cast Iron,	Micro Vickers - HV 0.1	ASTM E92
594	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Reinforcing steels, Cast Iron,	Micro Vickers - HV 0.1	IS 1501 (Part 1)
595	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Reinforcing steels, Cast Iron,	Micro Vickers - HV 0.3	IS 1501 (Part 1)
596	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Reinforcing steels, Cast Iron	Micro Vickers - HV 0.5	ASTM E92
597	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Reinforcing steels, Cast Iron	Micro Vickers - HV 0.5	IS 1501 (Part 1)
598	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Reinforcing steels, Cast Iron	Micro Vickers - HV 1	IS 1501 (Part 1)
599	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Reinforcing steels, Cast Iron	Vickers Hardness - HV 10	ASTM E92



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600	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Reinforcing steels, Cast Iron	Vickers Hardness - HV 10	ISO 6507 (Part 1)
601	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Reinforcing steels, Cast Iron	Vickers Hardness - HV 30	ASTM E92
602	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Reinforcing steels, Cast Iron	Vickers Hardness - HV 30	ISO 6507 (Part 1)
603	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Reinforcing steels, Cast Iron	Vickers Hardness - HV 5	ASTM E92
604	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Reinforcing steels, Cast Iron	Vickers Hardness - HV 5	IS 1501 (Part 1)
605	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Reinforcing steels, Cast Iron	Vickers Hardness - HV 5	ISO 6507 (Part 1)
606	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron,	Elevated Temperature Test (Ambient to 800°C) -Reduction Area	ASTM E21
607	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron,	Elevated Temperature Test (Ambient to 800°C) - Yield Strength	ASTM E21
608	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron,	Elevated Temperature Test (Ambient to 800°C) - Elongation	ASTM E21
609	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels, Tool Steels, Cast Iron,	Elevated Temperature Test (Ambient to 800°C) -Tensile Strength	ASTM E21
610	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels.	Rockwell Hardness (HRBW)	ASTM E18
611	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels.	Rockwell Hardness (HRBW)	BS-EN-ISO-6508-1
612	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels.	Rockwell Hardness (HRBW)	IS 1586(Part 1)
613	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels Stainless Steels.	Rockwell Hardness (HRBW)	ISO-6508-1



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614	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels, Stainless Steels, Tool Steels	Brinell Hardness - HBW 2.5/187.5	ASTM E10
615	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels, Stainless Steels, Tool Steels	Brinell Hardness - HBW 2.5/187.5	BS-EN-ISO-6506-1
616	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels, Stainless Steels, Tool Steels	Brinell Hardness - HBW 2.5/187.5	IS 1500 (Part 1)
617	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels Low Alloy Steels, Stainless Steels, Tool Steels	Brinell Hardness - HBW 2.5/187.5	ISO-6506-1
618	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR15N)	ASTM E18
619	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR15N)	BS-EN-ISO-6508-1
620	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR15N)	IS 1586(Part 1)
621	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR15N)	ISO-6508-1
622	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR15TW)	ASTM E18
623	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR15TW)	BS-EN-ISO-6508-1
624	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR15TW)	IS 1586(Part 1)
625	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR15TW)	ISO-6508-1
626	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR30N)	ASTM E18
627	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR30N)	BS-EN-ISO-6508-1



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628	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR30N)	IS 1586(Part 1)
629	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR30N)	ISO-6508-1
630	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR30TW)	ASTM E18
631	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR30TW)	BS-EN-ISO-6508-1
632	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR30TW)	IS 1586(Part 1)
633	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR30TW)	ISO-6508-1
634	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR45N)	ASTM E18
635	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR45N)	BS-EN-ISO-6508-1
636	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR45N)	IS 1586(Part 1)
637	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR45N)	ISO-6508-1
638	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR45TW)	ASTM E18
639	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR45TW)	BS-EN-ISO-6508-1
640	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR45TW)	IS 1586(Part 1)
641	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HR45TW)	ISO-6508-1



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642	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HRA)	ASTM E18
643	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HRA)	BS-EN-ISO-6508-1
644	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HRA)	IS 1586(Part 1)
645	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HRA)	ISO-6508-1
646	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HRC)	BS-EN-ISO-6508-1
647	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HRC)	IS 1586(Part 1)
648	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels Stainless Steels, Tool Steels	Rockwell Hardness (HRC)	ISO-6508-1
649	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels	Flaring Test	ASTM A370
650	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels	Flattening test (Tubes & Pipes)	ASTM A370
651	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels	Flattening test (Tubes & Pipes)	BS-EN-ISO 8492
652	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels	Flattening test (Tubes & Pipes)	IS 2328
653	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels	Flattening test (Tubes & Pipes)	ISO 8492
654	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels	Proof Load Bolt & Nut	ASTM F606/606M CL-3.21 to 3.2.3 & 4.2,4.3
655	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Brinell Hardness - HBW 10/1000	ASTM E10



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656	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Brinell Hardness - HBW 10/1000	BS-EN-ISO-6506-1
657	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Brinell Hardness - HBW 10/1000	IS 1500 (Part 1)
658	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Brinell Hardness - HBW 10/1000	ISO-6506-1
659	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Brinell Hardness -HBW (5/750)	ASTM E10
660	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Brinell Hardness-HBW (5/750)	BS-EN-ISO-6506-1
661	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Brinell Hardness-HBW (5/750)	IS 1500 (Part 1)
662	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Brinell Hardness-HBW (5/750)	ISO-6506-1
663	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels,	Elevated Temperature Test (Ambient to 800°C) - Elongation	BS-EN-ISO 6892-2
664	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels,	Elevated Temperature Test (Ambient to 800°C) -Reduction Area	BS-EN-ISO 6892-2
665	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels,	Elevated Temperature Test (Ambient to 800°C) - Yield Strength	BS-EN-ISO 6892-2
666	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels,	Elevated Temperature Test (Ambient to 800°C) - Yield Strength	ISO 6892-2
667	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels,	Elevated Temperature Test (Ambient to 800°C) - Elongation	ISO 6892-2
668	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels,	Elevated Temperature Test (Ambient to 800°C) -Reduction Area	ISO 6892-2
669	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels,	Elevated Temperature Test (Ambient to 800°C) -Tensile Strength	BS-EN-ISO 6892-2



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670	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels,	Elevated Temperature Test (Ambient to 800°C) -Tensile Strength	ISO 6892-2
671	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels	Proof Load - Bolt	BS EN ISO 898-1
672	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels	Proof Load - Bolt	IS 1367-3-CL-8.5
673	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels	Proof Load - Bolt	ISO-898-1-CL-9.6
674	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels	Proof Load - Nut	BS EN ISO 898-2
675	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels	Proof Load - Nut	IS-1367-6-CL-8.1
676	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels	Proof Load - Nut	ISO-898-2-CL-9.1
677	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	0.2 % Proof Stress / Strength	ASTM A370
678	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	0.2 % Proof Stress / Strength	ASTM E8/E8M
679	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	0.2 % Proof Stress / Strength	BS-EN-ISO 6892-1
680	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	0.2 % Proof Stress / Strength	IS 1608(Part 1)
681	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	0.2 % Proof Stress / Strength	ISO 6892-1: 2019
682	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Elongation	ASTM A370
683	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Elongation	ASTM E8/E8M



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684	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Elongation	BS-EN-ISO 6892-1
685	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Elongation	IS 1608(Part 1)
686	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Elongation	ISO 6892-1: 2019
687	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Reduction Area	ASTM A370
688	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Reduction Area	ASTM E8/E8M
689	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Reduction Area	BS-EN-ISO 6892-1
690	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Reduction Area	IS 1608(Part 1)
691	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Reduction Area	ISO 6892-1: 2019
692	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Tensile Stress / Strength	ASTM A370
693	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Tensile Stress / Strength	ASTM E8/E8M
694	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Tensile Stress / Strength	BS-EN-ISO 6892-1
695	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Tensile Stress / Strength	IS 1608(Part 1)
696	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Tensile Stress / Strength	ISO 6892-1: 2019
697	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Yield Stress / Strength	ASTM A370



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698	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Yield Stress / Strength	ASTM E8/E8M
699	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Yield Stress / Strength	BS-EN-ISO 6892-1
700	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Yield Stress / Strength	IS 1608(Part 1)
701	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron.	Yield Stress / Strength	ISO 6892-1: 2019
702	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels	Reduction Area (Z-Test)	ASTM A770/A770M
703	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels	Reduction Area (Z-Test)	BS EN 10164
704	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plain Carbon Steels, Low Alloy Steels	Reduction Area (Z-Test)	SA 770/SA-770M
705	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HRC)	ASTM E18
706	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HRC)	BS-EN-ISO-6508-1
707	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HRC)	IS 1586(Part 1)
708	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Titanium Base Alloys, Nickel Base Alloys	Rockwell Hardness (HRC)	ISO-6508-1
709	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Reduction in area %	AWS D1.1/D1.1 M, Cl: 6.10.3.6 Cl: 4.9.3.4 to 4.9.3.6
710	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	0.2% Proof Stress / Strength	ASME Sec II(PartC): 2021
711	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	0.2% Proof Stress / Strength	IBR 1950 (Clause 259)



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712	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	0.2% Proof Stress / Strength	IS 3600-P4
713	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	0.2% Proof Stress / Strength	is 7307-P1
714	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	0.2% Proof Stress / Strength	IS 814
715	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Face Bend, Root Bend) (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	ASME Sec IX, Cl: QW - 462.3
716	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Face Bend, Root Bend) (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	BS EN ISO 15614-1
717	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Face Bend, Root Bend) (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	IBR 1950 (Clause 261 to 262)
718	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Face Bend, Root Bend) (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	IS 3600-P5
719	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Face Bend, Root Bend) (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	IS 3600-P7
720	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Face Bend, Root Bend) (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	ISO 15614-1



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721	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Face Bend, Root Bend, Side Bend) (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	ASTM E190
722	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Face Bend, Root Bend, Side Bend) (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	AWS D1.1/D1.1M, CL.6.10.3.1 to 6.10.3.3
723	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Face Bend, Root Bend, Side Bend) (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	AWS D1.2/D1.2 M, Cl: 3.8
724	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Face Bend, Root Bend, Side Bend) (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	AWS D1.6/D1.6 M, Cl: 6.9.3.2
725	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Face Bend, Root Bend, Side Bend) (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	BS-EN-ISO 5173
726	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Face Bend, Root Bend, Side Bend) (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	ISO 5173
727	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Side Bend) (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	ASME Sec IX, Cl: QW - 462.2
728	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Bend Test (Side Bend) (Mandrel Dia. in mm: 3, 6, 8, 12, 16, 20, 24, 32, 36, 40, 44, 50, 60, 64, 80, 100, 108, 124, 140, 150, 160, 174, 186, 200, 225, 240)	IS 3600-P6



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729	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Charpy Impact Test	IBR 1950 (Clause 263)
730	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Elongation	ASME Sec II(PartC)
731	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Elongation	IBR 1950 (Clause 259(b))
732	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Elongation	IS 3600-P4
733	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Elongation	is 7307-P1
734	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Elongation	IS 814
735	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Fillet fracture	AWS D1.1/D1.1 M, Cl: 6.23.4
736	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Fillet fracture	IS 3600-P8
737	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Fillet Weld Break Test	AWS D1.6/D1.6 M, Cl: 6.15.8
738	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Fracture Test	ASME SEC-IX, CL-QW-182
739	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Impact Test - Charpy - (-196°C, -75°C to +100°C)	BS EN ISO 15614-1
740	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Impact Test - Charpy - (-196°C, -75°C to +100°C)	BS-EN-ISO-148-1
741	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Impact Test - Charpy - (-196°C, -75°C to +100°C)	IS:1757(Part 1)
742	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Impact Test - Charpy - (-196°C, -75°C to +100°C)	ISO 15614-1



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743	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Impact Test - Charpy - (-196°C, -75°C to +100°C)	ISO-148-P1
744	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Impact Test - Charpy - (-50°C to Ambient temperature)	IS 1499
745	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Impact Test - Charpy (-196°C, -75°C to +100°C)	ASTM A370
746	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Impact Test - Charpy (-196°C, -75°C to +100°C)	ASTM E23
747	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Impact Test - Charpy (-196°C, -75°C to +100°C)	IS 3600-P2
748	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Impact Test - Izod - (Ambient Temp)	IS 1598
749	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers - HV 0.1	ASTM E92
750	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers - HV 0.1	BS EN ISO 9015-2
751	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers - HV 0.1	ISO 6507 (Part 1)
752	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers - HV 0.3	ASTM E384
753	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers - HV 0.3	ASTM E92
754	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers - HV 0.3	IS 1501 (Part 1)
755	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers - HV 0.3	ISO 6507 (Part 1)
756	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers - HV 0.5	ISO 6507 (Part 1)



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757	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers - HV 1	BS EN ISO 9015-2
758	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers - HV 1	ISO 6507 (Part 1)
759	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers HV 0.1	ASTM E384
760	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers HV 0.1	IS 1501 (Part 1)
761	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers HV 0.5	ASTM E384
762	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers HV 0.5	IS 1501 (Part 1)
763	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers- HV 0.5	ASTM E92
764	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers HV 1	ASTM E384
765	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers HV 1	IS 1501 (Part 1)
766	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Micro Vickers- HV 1	ASTM E92
767	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Nick Break Test	IS 3600-P8
768	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Reduction in area %	ASME Sec II(PartC)
769	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Reduction in area %	IBR 1950 (Clause 259)
770	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Reduction in area %	IS 3600-P4



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771	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Reduction in area %	is 7307-P1
772	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Reduction in area %	IS 814
773	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	SHEAR-AXIAL LOAD	ASME SEC VIII APPENDIX-A:
774	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Soundness Tests	AWS D1.2/D1.2 M, Cl: 3.9
775	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Soundness Tests-Fillet Welds	AWS D1.2/D1.2 M, Cl: 3.10
776	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Tensile Stress / Strength	ASME Sec II (PartC)
777	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Tensile Stress / Strength	ASME Sec IX Cl: QW - 462.1
778	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Tensile Stress / Strength	AWS D1.2/D1.2 M, Cl: 3.7
779	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Tensile Stress / Strength	AWS D1.6/D1.6 M, Cl: 6.9.3.3
780	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Tensile Stress / Strength	BS EN ISO 15614-1
781	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Tensile Stress / Strength	BS-EN-ISO-4136
782	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Tensile Stress / Strength	IBR 1950 (Clause 259)
783	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Tensile Stress / Strength	IS 3600-P3
784	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Tensile Stress / Strength	IS 3600-P4



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785	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Tensile Stress / Strength	is 7307-P1
786	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Tensile Stress / Strength	IS 814
787	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Tensile Stress / Strength	ISO 15614-1
788	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Tensile Stress / Strength	ISO 4136
789	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Vickers Hardness - HV 10	BS EN ISO 9015-1
790	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Vickers Hardness - HV 10	ISO 6507 (Part 1)
791	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Vickers Hardness - HV 30	ISO 6507 (Part 1)
792	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Vickers Hardness - HV 5	BS EN ISO 9015-1
793	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Vickers Hardness - HV 5	BS EN ISO 9015-2
794	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Vickers Hardness - HV 5	ISO 6507 (Part 1)
795	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Vickers Hardness HV 10	IS 1501 (Part 1)
796	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Vickers Hardness -HV 10	ASME Sec IX
797	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Vickers Hardness -HV 10	ASTM E92
798	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Vickers Hardness HV 5	IS 1501 (Part 1)



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799	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Vickers Hardness -HV 5	ASTM E92
800	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Yield Stress / Strength	IBR 1950 (Clause 259)
801	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Yield Stress / Strength	IS 3600-P4
802	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Yield Stress / Strength	is 7307-P1
803	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Material	Yield Stress / Strength	IS 814
804	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Metals	Vickers Hardness -HV 10	BS EN ISO 15614-1
805	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Metals	Vickers Hardness -HV 10	ISO 15614-1
806	MECHANICAL-METALLOGRAPHY TEST	Aluminium Welded Materials	Macrostructure	AWS D1.2/D1.2M
807	MECHANICAL-METALLOGRAPHY TEST	Aluminum and its Alloys	Anodic Coating Thickness	IS 5523 (By Microscopic Method)
808	MECHANICAL-METALLOGRAPHY TEST	Aluminum and its Alloys	Anodic Coating Thickness	ISO 7599
809	MECHANICAL-METALLOGRAPHY TEST	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Grain Size (by ASTM Chart Comparison Method)	ASTM E112
810	MECHANICAL-METALLOGRAPHY TEST	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Macrostructure	ASTM E340
811	MECHANICAL-METALLOGRAPHY TEST	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Microstructure	ASM Hand Book Volume 9
812	MECHANICAL-METALLOGRAPHY TEST	Aluminum Base Alloys, Copper Base Alloys, Titanium Base Alloys, Nickel Base Alloys	Microstructure	ASTM E883
813	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Intergranular Corrosion Test (IGC - Practice A)	ASTM A262 - Practice A
814	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Intergranular Corrosion Test (IGC - Practice C)	ASTM A262 - Practice C
815	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Intergranular Corrosion Test (IGC - Practice E)	ASTM A262 - Practice E



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816	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Intergranular Corrosion Test (IGC - Practice F)	ASTM A262 - Practice F
817	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Intergranular Corrosion Test (IGC -Practice B)	ASTM A262 - Practice B
818	MECHANICAL-METALLOGRAPHY TEST	Austenitic, Ferritic & Duplex Stainless Steels	Intergranular Corrosion Test (IGC -Method-A)	ISO 3651-2 Method-A
819	MECHANICAL-METALLOGRAPHY TEST	Austenitic, Ferritic & Duplex Stainless Steels	Intergranular Corrosion Test (IGC -Method-B)	ISO 3651-2 Method-B
820	MECHANICAL-METALLOGRAPHY TEST	Austenitic, Ferritic & Duplex Stainless Steels	Intergranular Corrosion Test (IGC -Method-C)	ISO 3651-2 Method-C
821	MECHANICAL-METALLOGRAPHY TEST	Carbon & Carbon Alloy Steels	Jominy End Quench Test	ASTM A255
822	MECHANICAL-METALLOGRAPHY TEST	Carbon & Carbon Alloy Steels	Jominy End Quench Test	IS 3848
823	MECHANICAL-METALLOGRAPHY TEST	Carbon Steels & Alloy Steels	Jominy End Quench Test	ISO 642
824	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Graphite in Cast Iron (Nodular Cast Iron, Grey Cast Iron & Malleable Cast Iron)	ISO 945-1
825	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Graphite in Cast Iron (Nodular Cast Iron, Grey Cast Iron & Malleable Cast Iron)	ASTM A247
826	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Graphite in Cast Iron (Nodular Cast Iron, Grey Cast Iron & Malleable Cast Iron)	IS 7754
827	MECHANICAL-METALLOGRAPHY TEST	Chromium-Bearing Alloys, Corrosion Resistance of Stainless Steels, Nickel-Rich Alloys, Inconel Alloys	Pitting Corrosion Test	ASTM G48 - Method A
828	MECHANICAL-METALLOGRAPHY TEST	Chromium-Bearing Alloys, Corrosion Resistance of Stainless Steels, Nickel-Rich Alloys, Inconel Alloys	Pitting Corrosion Test	ASTM G48 - Method B
829	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel/Duplex Stainless Steel Welded Specimen	Determination of Volume fraction of Phase	ASTM E562
830	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel/Duplex Stainless Steel Welded Specimen	Determination of Volume fraction of Phase	ISO 17781 Class 5.3
831	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Ferric Chloride Corrosion Test	ASTM A923 Method-C
832	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Microstructure	ISO 17781 Class 5.2
833	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Pitting Corrosion Test	ISO 17781 Class 5.5
834	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steels	Microstructure	ASTM A 923(Method A)



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835	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steels	Microstructure	ASTM A923 (Method A)
836	MECHANICAL-METALLOGRAPHY TEST	Intergranular corrosion in wrought, Nickel- Rich , Chromium-Bearing Alloys, Corrosion Resistance of Stainless Steels	Intergranular Corrosion Test - (IGC - Method A)	ASTM G28
837	MECHANICAL-METALLOGRAPHY TEST	Iron, Aluminum, Copper, Titanium, Nickel, Zinc, Magnesium, Cobalt & its Alloys	Coating Thickness of Electroplated Parts	IS 3203 (by Microscopic Method)
838	MECHANICAL-METALLOGRAPHY TEST	Iron, Aluminum, Copper, Titanium, Nickel, Zinc, Magnesium, Cobalt & its Alloys	Coating Thickness of Metal and oxide Coatings	ASTM B487 (by Microscopic Method)
839	MECHANICAL-METALLOGRAPHY TEST	Iron, Aluminum, Copper, Titanium, Nickel, Zinc, Magnesium, Cobalt & its Alloys	Coating Thickness of Metal and oxide Coatings	ISO 1463 (by Microscopic Method)
840	MECHANICAL-METALLOGRAPHY TEST	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron	Electro Plated Coating Thickness of Metal	IS 3203 (by Microscopic Method)
841	MECHANICAL-METALLOGRAPHY TEST	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron	Microstructure	ASM Hand Book Volume 9
842	MECHANICAL-METALLOGRAPHY TEST	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels, Cast Iron	Microstructure	ASTM E883
843	MECHANICAL-METALLOGRAPHY TEST	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels	Grain Size (by ASTM Chart Comparison method)	ASTM E112
844	MECHANICAL-METALLOGRAPHY TEST	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels	Grain Size (by ASTM Chart Comparison method)	IS 4748
845	MECHANICAL-METALLOGRAPHY TEST	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels	Grain Size (by ASTM Chart Comparison method)	ISO 643
846	MECHANICAL-METALLOGRAPHY TEST	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels	Inclusion Rating	ASTM E45, Method-A
847	MECHANICAL-METALLOGRAPHY TEST	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels	Inclusion Rating	IS 4163
848	MECHANICAL-METALLOGRAPHY TEST	Plain Carbon Steels, Low Alloy Steels, Stainless Steels, Tool Steels	Inclusion Rating	ISO 4967
849	MECHANICAL-METALLOGRAPHY TEST	Plain Carbon Steels, Low Alloy Steels, Tool Steels, Powder Metallurgy Parts	Effective Case Depth (by Hardness Method)	ASTM B934
850	MECHANICAL-METALLOGRAPHY TEST	Plain Carbon Steels, Low Alloy Steels, Tool Steels	Effective Case Depth (by Hardness Method)	IS 6416
851	MECHANICAL-METALLOGRAPHY TEST	Plain Carbon Steels, Low Alloy Steels, Tool Steels	Total Case Depth (by Microscopic Method)	IS 6416
852	MECHANICAL-METALLOGRAPHY TEST	Plain Carbon Steels, Low Alloy Steels	Depth of Decarburized Layer	ASTM E1077
853	MECHANICAL-METALLOGRAPHY TEST	Plain Carbon Steels, Low Alloy Steels	Depth of Decarburized Layer	IS 6396
854	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel Welded Metals	Macrostructure	AWS D1.6/D1.6M

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855	MECHANICAL-METALLOGRAPHY TEST	Steel Billets, Blooms, Hot rolled Products, Forgings, Extrusion, Sheets, Plates, Casting, Tubes, Pipes, Machined and Ground Parts	Macrostructure	ASTM E340
856	MECHANICAL-METALLOGRAPHY TEST	Steel Billets, Blooms, Hot rolled Products, Forgings, Extrusion, Sheets, Plates, Casting, Tubes, Pipes, Machined and Ground Parts	Macrostructure	ASTM E381
857	MECHANICAL-METALLOGRAPHY TEST	Steel Billets, Blooms, Hot rolled Products, Forgings, Extrusion, Sheets, Plates, Casting, Tubes, Pipes, Machined and Ground Parts	Macrostructure	IS 11371
858	MECHANICAL-METALLOGRAPHY TEST	Structural Steel Welded Metals	Macrostructure	AWS D1.1/D1.1M
859	MECHANICAL-METALLOGRAPHY TEST	Welded Metals	Grain Size (by ASTM Chart Comparison Method)	ASTM E112
860	MECHANICAL-METALLOGRAPHY TEST	Welded Metals	Grain Size (by ASTM Chart Comparison Method)	IS 4748
861	MECHANICAL-METALLOGRAPHY TEST	Welded Metals	Macrostructure	ASME SEC IX, QW-183, QW-184, QW-470, QW-471, QW-472, QW-473, QW-462.4, QW-462.5
862	MECHANICAL-METALLOGRAPHY TEST	Welded Metals	Macrostructure	ASTM E340
863	MECHANICAL-METALLOGRAPHY TEST	Welded Metals	Macrostructure	BS EN ISO 15614-1
864	MECHANICAL-METALLOGRAPHY TEST	Welded Metals	Macrostructure	BS EN ISO 17639
865	MECHANICAL-METALLOGRAPHY TEST	Welded Metals	Macrostructure	IBR 1950 (Clause 265a)
866	MECHANICAL-METALLOGRAPHY TEST	Welded Metals	Macrostructure	ISO 15614-1
867	MECHANICAL-METALLOGRAPHY TEST	Welded Metals	Macrostructure	ISO 17639
868	MECHANICAL-METALLOGRAPHY TEST	Welded Metals	Microstructure	ASM Hand Book Volume 9
869	MECHANICAL-METALLOGRAPHY TEST	Welded Metals	Microstructure	ASTM E883
870	MECHANICAL-METALLOGRAPHY TEST	Welded Metals	Microstructure	BS EN ISO 17639
871	MECHANICAL-METALLOGRAPHY TEST	Welded Metals	Microstructure	IBR 1950 (Clause 265a)
872	MECHANICAL-METALLOGRAPHY TEST	Welded Metals	Microstructure	ISO 17639



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873	MECHANICAL-METALLOGRAPHY TEST	Welded Specimen, Welded Parts	Macrostructure	IS 3600 Part 9
874	MECHANICAL-METALLOGRAPHY TEST	Welded Specimen, Welded Parts	Macrostructure	IS 7307
875	MECHANICAL-METALLOGRAPHY TEST	Welded Specimen, Welded Parts	Macrostructure	IS 7307 Part 1
876	MECHANICAL-METALLOGRAPHY TEST	Welded Specimen, Welded Parts	Microstructure	IS 3600 Part 9
877	MECHANICAL-METALLOGRAPHY TEST	Welded Specimen, Welded Parts	Weld Penetration	ASME SEC IX
878	MECHANICAL-METALLOGRAPHY TEST	Welded Specimen, Welded Parts	Weld Penetration	ASTM E340
879	MECHANICAL-METALLOGRAPHY TEST	Zinc Coated iron and Steel	Mass of Zinc Coating	ASTM A90/A90M
880	MECHANICAL-METALLOGRAPHY TEST	Zinc Coated iron and Steel	Mass of Zinc Coating	IS 6745
881	MECHANICAL-METALLOGRAPHY TEST	Zinc Coated iron and Steel	Uniformity of Coating on Zinc Coated Articles	ASTM A239
882	MECHANICAL-METALLOGRAPHY TEST	Zinc Coated iron and Steel	Uniformity of Coating on Zinc Coated Articles	IS 2633
883	MECHANICAL- SOIL AND ROCKS	Granular Sub Base (GSB)	Aggregate Impact Value	IS 2386 (Part 4)
884	MECHANICAL- SOIL AND ROCKS	Granular Sub Base (GSB)	Atterberg Limit (Liquid Limit)	IS 2720 (Part 5)
885	MECHANICAL- SOIL AND ROCKS	Granular Sub Base (GSB)	Atterberg Limit (Plastic Limit)	IS 2720 (Part 5)
886	MECHANICAL- SOIL AND ROCKS	Granular Sub Base (GSB)	CBR Value	IS 2720 (Part 16)
887	MECHANICAL- SOIL AND ROCKS	Granular Sub Base (GSB)	Crushing Value	IS 2386 (Part 4)
888	MECHANICAL- SOIL AND ROCKS	Granular Sub Base (GSB)	Elongation Index	IS 2386 (Part 1)
889	MECHANICAL- SOIL AND ROCKS	Granular Sub Base (GSB)	Flakiness Index	IS 2386 (Part 1)
890	MECHANICAL- SOIL AND ROCKS	Granular Sub Base (GSB)	Los Angeles Abrasion Value	IS 2386 (Part 4)
891	MECHANICAL- SOIL AND ROCKS	Granular Sub Base (GSB)	Maximum Dry Density (Heavy Compaction)	IS 2720 (Part 8)
892	MECHANICAL- SOIL AND ROCKS	Granular Sub Base (GSB)	Optimum Moisture Content (Heavy Compaction)	IS 2720 (Part 8)



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893	MECHANICAL- SOIL AND ROCKS	Granular Sub Base (GSB)	Sieve Analysis (Sieve size: 75, 53, 26.5, 9.5, 4.75, 2.36mm & 850, 425, 75 µm)	IS 2386 (Part 1)
894	MECHANICAL- SOIL AND ROCKS	Granular Sub Base (GSB)	Water Absorption	IS 2386 (Part 3)
895	MECHANICAL- SOIL AND ROCKS	Natural Building Stones	Apparent Specific Gravity	IS 1124
896	MECHANICAL- SOIL AND ROCKS	Natural Building Stones	Compressive Strength	IS 1121 (Part-1)
897	MECHANICAL- SOIL AND ROCKS	Natural Building Stones	Dry Density	IS 13030
898	MECHANICAL- SOIL AND ROCKS	Natural Building Stones	Water Absorption	IS 1124
899	MECHANICAL- SOIL AND ROCKS	Soil	Atterberg Limit - Plastic Limit (PL)	IS 2720 (Part 5)
900	MECHANICAL- SOIL AND ROCKS	Soil	Atterberg Limit -Liquid Limit (LL)	IS 2720 (Part 5)
901	MECHANICAL- SOIL AND ROCKS	Soil	CBR Value (Soaked & Unsoaked)	IS 2720 (Part 16)
902	MECHANICAL- SOIL AND ROCKS	Soil	Free Swell Index	IS 2720 (Part 40)
903	MECHANICAL- SOIL AND ROCKS	Soil	Grain Size Analysis (Sieve size: 20, 4.75, 2, 1.18mm & 600, 425, 300, 150, 75 µm)	IS 2720 (Part 4)
904	MECHANICAL- SOIL AND ROCKS	Soil	Maximum Dry Density (Heavy Compaction)	IS 2720 (Part 8)
905	MECHANICAL- SOIL AND ROCKS	Soil	Maximum Dry Density (Light Compaction)	IS 2720 (Part 7)
906	MECHANICAL- SOIL AND ROCKS	Soil	Optimum Moisture Content (Heavy Compaction)	IS 2720 (Part 8)
907	MECHANICAL- SOIL AND ROCKS	Soil	Optimum Moisture Content (Light Compaction)	IS 2720 (Part 7)
908	MECHANICAL- SOIL AND ROCKS	Soil	Specific Gravity	IS 2720 (Part 3 / Sec 1)
909	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM) / Water Bound Macadam (WBM)	Abrasion Value	IS 2386 (Part 4)
910	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM) / Water Bound Macadam (WBM)	Atterberg Limit (Liquid Limit)	IS 2720 (Part 5)
911	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM) / Water Bound Macadam (WBM)	Atterberg Limit (Plastic Limit)	IS 2720 (Part 5)



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912	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM) / Water Bound Macadam (WBM)	CBR Value	IS 2720 (Part 16)
913	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM) / Water Bound Macadam (WBM)	Crushing Value	IS 2386 (Part 4)
914	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM) / Water Bound Macadam (WBM)	Elongation Index	IS 2386 (Part 1)
915	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM) / Water Bound Macadam (WBM)	Flakiness Index	IS 2386 (Part 1)
916	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM) / Water Bound Macadam (WBM)	Impact Value	IS 2386 (Part 4)
917	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM) / Water Bound Macadam (WBM)	Maximum Dry Density (Heavy Compaction)	IS 2720 (Part 8)
918	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM) / Water Bound Macadam (WBM)	Optimum Moisture Content (Heavy Compaction)	IS 2720 (Part 8)
919	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM) / Water Bound Macadam (WBM)	Sieve Analysis (Sieve Size: 75, 63, 53, 45, 26.5, 22.4, 11.2, 4.75, 2.36mm & 600, 75 µm)	IS 2386 (Part 1)
920	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM) / Water Bound Macadam (WBM)	Water Absorption	IS 2386 (Part 3)
921	NON-DESTRUCTIVE-METAL & ALLOYS	All ferrous materials Casting, Forging, welding, rolling rods, plates & machined products	Magnetic Particle Testing	ASTM E-709 Surface & sub surface discontinuity by (Dry & Wet) Non fluorescent method (Yoke AC & DC Magnetisation Method)
922	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous / Non ferrous materials Casting, forging, Welding, Machined Products	Liquid Penetrant Testing	ASTM E 165 Open surface Discontinuity by Visible Penetrant method (Method C)
923	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous Material - Forgings	Ultrasonic Testing by Pulse Echo contact method.	ASTM A388/A388M
924	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous Material - Plate	Ultrasonic Testing by Pulse Echo contact method.	ASTM A577/A577M
925	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous materials - Castings	Ultrasonic Testing by Pulse Echo contact method.	ASTM A609/ A609M
926	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous Materials - Plate	Ultrasonic Testing by Pulse Echo contact method.	ASTM A435/A435M
927	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous materials - Plates	Ultrasonic Testing by Pulse echo contact method	ASTM A578 / A578M
928	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous materials - Welded Material	Ultrasonic Testing by Pulse echo contact method	ASME SEC -V Article 4 & 23, SE114 UT of Weld Internal discontinuity by straight and angle beam method



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929	NON-DESTRUCTIVE-METAL & ALLOYS	Metals	Ultrasonic Thickness Testing, Dia more than 38 mm	IS 15435
930	NON-DESTRUCTIVE-METAL & ALLOYS	Metals	Ultrasonic Thickness Testing, dia more than 38 mm dia objects Only.	ASTM E797/E797M



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Site Testing				
1	CHEMICAL- METALS & ALLOYS	Aluminium Base Alloys	XRF Analyzer (Aluminium, Silicon, Iron, Copper, Lead, Manganese, Magnesium, Molybdenum, Nickel, Niobium, Titanium, Tin, Tungsten, Chromium, Vanadium, Cobalt, Zinc, Zirconium, Cadmium, Antimony)	ASTM E1916
2	CHEMICAL- METALS & ALLOYS	Cobalt Base Alloys	XRF Analyzer (Aluminium, Silicon, Iron, Copper, Lead, Manganese, Molybdenum, Nickel, Niobium, Titanium, Tin, Tungsten, Chromium, Vanadium, Cobalt, Zinc)	ASTM E1916
3	CHEMICAL- METALS & ALLOYS	Copper Base Alloys	XRF Analyzer (Aluminium, Silicon, Iron, Copper, Lead, Manganese, Molybdenum, Nickel, Niobium, Titanium, Tin, Tungsten, Chromium, Vanadium, Cobalt, Zinc, Silver, Cadmium, Tin, Bismuth)	ASTM E1916
4	CHEMICAL- METALS & ALLOYS	Iron Base Alloys	XRF Analyzer (Aluminium, Silicon, Iron, Copper, Lead, Manganese, Molybdenum, Nickel, Niobium, Titanium, Tin, Tungsten, Chromium, Vanadium, Cobalt, Zinc, Phosphorous, Antimony)	ASTM E1916
5	CHEMICAL- METALS & ALLOYS	Nickel Base Alloy	XRF Analyzer (Aluminium, Silicon, Iron, Copper, Lead, Manganese, Molybdenum, Nickel, Niobium, Titanium, Tin, Tungsten, Chromium, Vanadium, Cobalt, Zinc, Zirconium, Silver, Cadmium)	ASTM E1916
6	CHEMICAL- METALS & ALLOYS	Titanium Base Alloy	XRF Analyzer (Aluminium, Silicon, Iron, Copper, Lead, Manganese, Molybdenum, Nickel, Niobium, Titanium, Tin, Chromium, Vanadium, Cobalt, Zinc)	ASTM E1916
7	CHEMICAL- METALS & ALLOYS	Zinc Base Alloys	XRF Analyzer (Aluminium, Silicon, Iron, Copper, Lead, Manganese, Nickel, Tin, Chromium, Vanadium, Cobalt, Zinc, Cadmium)	ASTM E1916



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NADU, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6247

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Validity

04/09/2025 to 03/09/2029

Last Amended on

01/11/2025

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
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RCC / PCC Structures	Rebound Hammer test	IS 13311 (Part 2)
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RCC / PCC Structures	Rebound Hammer test	IS 516 (Part 5/Sec 4)
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RCC / PCC Structures	Ultrasonic Pulse Velocity Test	IS 516 (Part 5/Sec 1)
11	NON-DESTRUCTIVE-METAL & ALLOYS	All ferrous materials Casting, Forging, welding, rolling rods, plates & machined products	Magnetic Particle Testing	ASTM E-709 Surface & sub surface discontinuity by (Dry & Wet) Non fluorescent method (Yoke AC & DC Magnetisation Method)
12	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous / Non ferrous materials Casting, forging, Welding, Machined Products	Liquid Penetrant Testing	ASTM E 165 Open surface Discontinuity by Visible Penetrant method (Method C)
13	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous Material - Forgings	Ultrasonic Testing by Pulse Echo contact method.	ASTM A388/A388M
14	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous Material - Plate	Ultrasonic Testing by Pulse Echo contact method.	ASTM A577/A577M
15	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous materials - Castings	Ultrasonic Testing by Pulse Echo contact method.	ASTM A609/ A609M
16	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous Materials - Plate	Ultrasonic Testing by Pulse Echo contact method.	ASTM A435/A435M
17	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous materials - Plates	Ultrasonic Testing by Pulse echo contact method	ASTM A578 / A578M
18	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous materials - Welded Material	Ultrasonic Testing by Pulse echo contact method	ASME SEC -V Article 4 & 23, SE114 UT of Weld Internal discontinuity by straight and angle beam method
19	NON-DESTRUCTIVE-METAL & ALLOYS	Metals	Ultrasonic Thickness Testing, Dia more than 38 mm	IS 15435
20	NON-DESTRUCTIVE-METAL & ALLOYS	Metals	Ultrasonic Thickness Testing, dia more than 38 mm dia objects Only.	ASTM E797/E797M



National Accreditation Board for Testing and Calibration Laboratories

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Permanent Site Facility				
1	CHEMICAL- PAINTS & SURFACE COATING	Coated / Painted panels, Coatings	Gloss @ 60°	ASTM D523-2014
2	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted panels, Coatings	UV Weatherability (UVA340nm & UVB313nm)	ASTM G154
3	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted panels, Coatings	UV Weatherability (UVA340nm & UVB313nm)	BS EN 927
4	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Polymers & Other Products	Gloss @ 60°	ASTM D523-2014
5	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Granules	Melt Flow Rate	ASTM D1238 (Procedure A)
6	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Granules	Melt Flow Rate	ISO 1133
7	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Granules	Melt Volume Rate	ASTM D1238 (Procedure A)
8	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Granules	Melt Volume Rate	ISO 1133
9	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Ash Content	ASTM D5630 (Procedure B)
10	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Ash Content	ISO 3451-1
11	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Charpy Impact	ASTM D6110
12	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Elongation at Break	ASTM D638
13	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Elongation at Break	ISO 527-1
14	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Flexural Strength	ASTM D790
15	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Flexural Strength	ISO 178
16	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Heat Deflection Temperature @ 0.455 MPa	ASTM D648
17	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Heat Deflection Temperature @ 1.82 MPa	ASTM D648
18	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Izod Impact	ASTM D256
19	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Melting & Crystallization by DSC	ASTM D3418



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20	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Melting & Crystallization by DSC	ISO 11357 Part 3
21	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Shore D Hardness	ASTM D2240
22	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Shore D Hardness	ISO 868
23	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Specific Gravity	ASTM D792
24	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Specific Gravity	ISO 1183-1
25	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Tensile Strength	ASTM D638
26	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Tensile Strength	ISO 527-1
27	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Vicat Softening Temperature	ASTM D1525
28	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & its Products	Water Absorption	ASTM D570
29	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & other Products	Glass Transition Temperature by DSC	ASTM D3418
30	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & other Products	Glass Transition Temperature by DSC	ISO 11357 Part 2
31	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, Liquids, Chemicals and etc.	Material Identification by Fourier Transform Infrared Spectroscopy (FTIR)	ASTM E1252
32	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymers, Composites, Chemicals & Other Products	Thermogravimetric Analysis - TGA	ASTM E1131
33	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymers, Composites, Chemicals & Other Products	Thermogravimetric Analysis - TGA	ISO 11358-1
34	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin pipes and fittings	Carbon black content by TGA	ISO 6964
35	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UV Resistant Automobiles plastic Components, Polymers & Other Products	UV Weatherability (UVA340nm & UVB313nm)	ASTM D4329
36	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UV Resistant Automobiles plastic Components, Polymers & Other Products	UV Weatherability (UVA340nm & UVB313nm)	ASTM G154
37	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UV Resistant Automobiles plastic Components, Polymers & Other Products	UV Weatherability (UVA340nm & UVB313nm)	BS EN 927
38	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UV Resistant Automobiles plastic Components, Polymers & Other Products	UV Weatherability (UVA340nm & UVB313nm)	ISO 4892-3