



National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**RAJKOT METLAB SERVICES LLP**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2017**

**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**

for its facilities at

NH 27, VAVDI, RAJKOT, GUJARAT, INDIA

in the field of

**TESTING**

Certificate Number: TC-5212

Issue Date: 09/11/2024

Valid Until: 08/11/2028

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Entity: RAJKOT METLAB SERVICES LLP

Signed for and on behalf of NABL



  
Anita Rani  
Director

  
N. Venkateswaran  
Chief Executive Officer



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

RAJKOT METLAB SERVICES LLP, NH 27, VAVDI, RAJKOT, GUJARAT, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

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**Validity**

09/11/2024 to 08/11/2028

**Last Amended on**

10/01/2025

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 ion content	IS 6925
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	Aggregate	Deleterious Material	IS 2386 Part 1 & 2
7	CHEMICAL- BUILDING MATERIAL	Aggregate	Organic Impurities	IS 2386 Part 2
8	CHEMICAL- BUILDING MATERIAL	Aggregate	Soluble Chloride as Cl	BS 1377-1
9	CHEMICAL- BUILDING MATERIAL	Aggregate	Sulphate as SO <sub>3</sub> (Acid Extract)	BS 1377 Part 118
10	CHEMICAL- BUILDING MATERIAL	Aggregate, Rock, Stone	Alkali Aggregate Reactivity	IS 2386 Part 7
11	CHEMICAL- BUILDING MATERIAL	Cementitious Materials	Alkalies as (K <sub>2</sub> O)	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cementitious Materials	Alkalies as (Na <sub>2</sub> O)	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cementitious Materials	Alumina Oxide (as Al <sub>2</sub> O <sub>3</sub> )	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cementitious Materials	Calcium Oxide as (CaO)	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cementitious Materials	Chlorides (As Cl)	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cementitious Materials	Insoluble residue	IS 4032



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17	CHEMICAL- BUILDING MATERIAL	Cementitious Materials	Loss on ignition, percent by mass	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Cementitious Materials	Magnesium oxide (MgO)	IS 4032
19	CHEMICAL- BUILDING MATERIAL	Cementitious Materials	Silicon Dioxide (As SiO <sub>2</sub> )	IS 4032
20	CHEMICAL- BUILDING MATERIAL	Cementitious Materials	Sulphur as SO <sub>3</sub>	IS 4032
21	CHEMICAL- BUILDING MATERIAL	Cementitious Materials	Iron Oxide (as Fe <sub>2</sub> O <sub>3</sub> )	IS 4032
22	CHEMICAL- BUILDING MATERIAL	Pozzalanic materials	Alumina Oxide (as Al <sub>2</sub> O <sub>3</sub> )	IS 1727
23	CHEMICAL- BUILDING MATERIAL	Pozzalanic materials	Calcium Oxide as (CaO)	IS 1727
24	CHEMICAL- BUILDING MATERIAL	Pozzalanic materials	Chlorides (As Cl)	IS 4032
25	CHEMICAL- BUILDING MATERIAL	Pozzalanic materials	Iron Oxide (as Fe <sub>2</sub> O <sub>3</sub> )	IS 1727
26	CHEMICAL- BUILDING MATERIAL	Pozzalanic materials	Loss on ignition , percent by mass	IS 1727
27	CHEMICAL- BUILDING MATERIAL	Pozzalanic materials	Magnesium oxide (MgO)	IS 1727
28	CHEMICAL- BUILDING MATERIAL	Pozzalanic materials	Sulphur Trioxide (as SO <sub>3</sub> )	IS 1727
29	CHEMICAL- CORROSION TESTS	copper/nickel/chromium or nickel/chromium coatings on steel, zinc alloys, aluminum alloys	Copper-Accelerated Acetic Acid-Salt Spray (Fog) Testing (CASS Test)	ASTM B368
30	CHEMICAL- CORROSION TESTS	Decorative Chromium Plating on steel or Zinc die-cast base	Acetic Acid -Salt Spray (Fog) Testing (ASS)	ASTM G85 (Annex-1)
31	CHEMICAL- CORROSION TESTS	Electroplated and Anodized aluminium coatings.	Neutral Salt Spray (NSS)	IS 9844
32	CHEMICAL- CORROSION TESTS	Electroplated and anodized aluminum coating	Copper accelerated acetic acid salt spray (CASS) test	IS 5528





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33	CHEMICAL-CORROSION TESTS	Electroplated and anodized Aluminum coatings	Acetic Acid Salt Spray (ASS)	IS 6910
34	CHEMICAL-CORROSION TESTS	Metal and their alloys, Metallic Coatings, Conversion Coatings, Anodic Oxide coatings, Organic coatings on metallic materials	Neutral Salt Spray (NSS)	ASTM B 117
35	CHEMICAL-CORROSION TESTS	Metal and their alloys, Metallic Coatings, Conversion Coatings, Anodic Oxide coatings, Organic coatings on metallic materials, decorative coatings of Copper, Nickel & Chromium or Nickel and Chromium, Anodic Coatings on Aluminium	Corrosion Test in Artificial Atmospheres - salt spray tests (NSS)	ISO 9227
36	CHEMICAL-CORROSION TESTS	Metallic Materials	Resistance to Sulfide Stress Cracking and Stress Corrosion cracking in H <sub>2</sub> S environment	NACE TM 0177 (Method A)
37	CHEMICAL-CORROSION TESTS	Metallic Materials	Resistance to Sulfide Stress Cracking and Stress Corrosion cracking in H <sub>2</sub> S environment	NACE TM 0177 (Method B)
38	CHEMICAL-CORROSION TESTS	Painted Products / Panels / Raw Materials	Neutral Salt Spray Test	IS 101 Part 6 Sec 1
39	CHEMICAL-CORROSION TESTS	Pipes and Pressure Vessel Steel Products - Pipes, Plates, Fittings and Flanges	Hydrogen-Induced Cracking Test (HIC)	ANSI NACE TM0284
40	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Bismuth (Bi)	ASTM E1251
41	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Boron (B)	ASTM E1251
42	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium (Cr)	ASTM E1251
43	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Cobalt (Co)	ASTM E1251
44	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Copper (Cu)	ASTM E1251
45	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Gallium (Ga)	ASTM E1251



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46	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron (Fe)	ASTM E1251
47	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead (Pb)	ASTM E1251
48	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium (Mg)	ASTM E1251
49	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese (Mn)	ASTM E1251
50	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Nickel (Ni)	ASTM E1251
51	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon (Si)	ASTM E1251
52	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Ti, Cr, Mn, Fe, Cu, Zn	ASTM E1476
53	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Tin (Sn)	ASTM E1251
54	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Titanium (Ti)	ASTM E1251
55	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Vanadium (V)	ASTM E1251
56	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc (Zn)	ASTM E1251
57	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zirconium (Zr)	ASTM E1251
58	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Aluminum (Al)	IS 15338
59	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Carbon (C)	ASTM E1999
60	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Carbon (C)	IS 15338
61	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Chromium (Cr)	ASTM E1999



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62	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Chromium (Cr)	IS 15338
63	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Copper (Cu)	ASTM E1999
64	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Copper (Cu)	IS 15338
65	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Manganese (Mn)	ASTM E1999
66	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Manganese (Mn)	IS 15338
67	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Molybdenum (Mo)	ASTM E1999
68	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Molybdenum (Mo)	IS 15338
69	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Nickel (Ni)	ASTM E1999
70	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Nickel (Ni)	IS 15338
71	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Phosphorus (P)	ASTM E1999
72	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Phosphorus (P)	IS 15338
73	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Silicon (Si)	ASTM E1999
74	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Silicon (Si)	IS 15338
75	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Sulfur (S)	IS 15338
76	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Sulfur (S)	ASTM E1999
77	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Tin (Sn)	ASTM E1999





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78	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Titanium (Ti)	ASTM E1999
79	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Vanadium (V)	ASTM E1999
80	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Vanadium (V)	IS 15338
81	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Co, Cr, Ni, Mn, W, Fe	ASTM E1476
82	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Aluminum (Al)	BS EN 15079
83	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Antimony (Sb)	BS EN 15079
84	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Arsenic (As)	BS EN 15079
85	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Bismuth (Bi)	BS EN 15079
86	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Boron (B)	BS EN 15079
87	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Cadmium (Cd)	BS EN 15079
88	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Cobalt (Co)	BS EN 15079
89	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Iron (Fe)	BS EN 15079
90	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Lead (Pb)	BS EN 15079
91	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Manganese (Mn)	BS EN 15079
92	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Nickel (Ni)	BS EN 15079
93	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Phosphorus (P)	BS EN 15079



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94	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Silicon (Si)	BS EN 15079
95	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Silver (Ag)	BS EN 15079
96	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Sulfur (S)	BS EN 15079
97	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Tellurium (Te)	BS EN 15079
98	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Tin (Sn)	BS EN 15079
99	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Zinc (Zn)	BS EN 15079
100	CHEMICAL- METALS & ALLOYS	Iron & its allos	Mn, Cr, Ni, Mo, Cu, Ti, Nb, Pb, Sn, Sb, V, Fe, W, Co	ASTM E1476
101	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Alloy steel, Stainless Steel, Tool Steel etc.)	Aluminum (Al)	JIS G1253
102	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Alloy steel, Stainless Steel, Tool Steel etc.)	Boron (B)	JIS G1253
103	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Alloy steel, Stainless Steel, Tool Steel etc.)	Carbon (C)	JIS G1253
104	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Alloy steel, Stainless Steel, Tool Steel etc.)	Chromium (Cr)	JIS G1253
105	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Alloy steel, Stainless Steel, Tool Steel etc.)	Cobalt (Co)	JIS G1253
106	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Alloy steel, Stainless Steel, Tool Steel etc.)	Copper (Cu)	JIS G1253
107	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Alloy steel, Stainless Steel, Tool Steel etc.)	Magnesium (Mg)	JIS G1253
108	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Alloy steel, Stainless Steel, Tool Steel etc.)	Manganese (Mn)	JIS G1253
109	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Alloy steel, Stainless Steel, Tool Steel etc.)	Molybdenum (Mo)	JIS G1253





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110	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Alloy steel, Stainless Steel, Tool Steel etc.)	Nickel (Ni)	JIS G1253
111	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Alloy steel, Stainless Steel, Tool Steel etc.)	Phosphorus (P)	JIS G1253
112	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Alloy steel, Stainless Steel, Tool Steel etc.)	Silicon (Si)	JIS G1253
113	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Alloy steel, Stainless Steel, Tool Steel etc.)	Sulfur (S)	JIS G1253
114	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Alloy steel, Stainless Steel, Tool Steel etc.)	Tin (Sn)	JIS G1253
115	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Alloy steel, Stainless Steel, Tool Steel etc.)	Vanadium (V)	JIS G1253
116	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Low Alloy steel, High Alloy steel, Stainless Steel, etc.)	Antimony (Sb)	JIS G1253
117	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Low Alloy steel, High Alloy steel, Stainless Steel, etc.)	Arsenic (As)	JIS G1253
118	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Low Alloy steel, High Alloy steel, Stainless Steel, etc.)	Calcium (Ca)	JIS G1253
119	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Low Alloy steel, High Alloy steel, Stainless Steel, etc.)	Cerium (Ce)	JIS G1253
120	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Low Alloy steel, High Alloy steel, Stainless Steel, etc.)	Lead (Pb)	JIS G1253
121	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Low Alloy steel, High Alloy steel, Stainless Steel, etc.)	Niobium (Nb)	JIS G1253
122	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Low Alloy steel, High Alloy steel, Stainless Steel, etc.)	Nitrogen (N)	JIS G1253



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123	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Low Alloy steel, High Alloy steel, Stainless Steel, etc.)	Titanium (Ti)	JIS G1253
124	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Low Alloy steel, High Alloy steel, Stainless Steel, etc.)	Tungsten (W)	JIS G1253
125	CHEMICAL- METALS & ALLOYS	Iron and Steel (Pig Iron, Cast Iron, Steel, Carbon Steel, Low Alloy steel, High Alloy steel, Stainless Steel, etc.)	Zirconium (Zr)	JIS G1253
126	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Aluminum (Al)	ASTM E415
127	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Aluminum (Al)	IS 8811
128	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Antimony (Sb)	ASTM E415
129	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Arsenic (As)	ASTM E415
130	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Arsenic (As)	IS 8811
131	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Boron (B)	ASTM E415
132	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Boron (B)	IS 8811
133	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Calcium (Ca)	ASTM E415
134	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Carbon (C)	ASTM E415
135	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Carbon (C)	IS 8811
136	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Chromium (Cr)	ASTM E415
137	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Chromium (Cr)	IS 8811



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138	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Cobalt (Co)	ASTM E415
139	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Cobalt (Co)	IS 8811
140	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Copper (Cu)	ASTM E415
141	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Copper (Cu)	IS 8811
142	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Lead (Pb)	ASTM E415
143	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Manganese (Mn)	ASTM E415
144	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Manganese (Mn)	IS 8811
145	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Molybdenum (Mo)	ASTM E415
146	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Molybdenum (Mo)	IS 8811
147	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Nickel (Ni)	ASTM E415
148	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Nickel (Ni)	IS 8811
149	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Niobium (Nb)	ASTM E415
150	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Niobium (Nb)	IS 8811
151	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Nitrogen (N)	ASTM E415
152	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Phosphorus (P)	ASTM E415
153	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Phosphorus (P)	IS 8811





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154	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Silicon (Si)	ASTM E415
155	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Silicon (Si)	IS 8811
156	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Sulfur (S)	ASTM E415
157	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Sulfur (S)	IS 8811
158	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Tin (Sn)	ASTM E415
159	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Tin (Sn)	IS 8811
160	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Titanium (Ti)	ASTM E415
161	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Titanium (Ti)	IS 8811
162	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Vanadium (V)	ASTM E415
163	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Vanadium (V)	IS 8811
164	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Zirconium (Zr)	ASTM E415
165	CHEMICAL- METALS & ALLOYS	Low, Medium, High Carbon Steel & Low, Medium, High Alloy Steel	Zirconium (Zr)	IS 8811
166	CHEMICAL- METALS & ALLOYS	Magnesium and Magnesium Alloys	Aluminum (Al)	ASTM B954
167	CHEMICAL- METALS & ALLOYS	Magnesium and Magnesium Alloys	Beryllium (Be)	ASTM B954
168	CHEMICAL- METALS & ALLOYS	Magnesium and Magnesium Alloys	Cadmium (Cd)	ASTM B954
169	CHEMICAL- METALS & ALLOYS	Magnesium and Magnesium Alloys	Cerium (Ce)	ASTM B954



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170	CHEMICAL- METALS & ALLOYS	Magnesium and Magnesium Alloys	Copper (Cu)	ASTM B954
171	CHEMICAL- METALS & ALLOYS	Magnesium and Magnesium Alloys	Iron (Fe)	ASTM B954
172	CHEMICAL- METALS & ALLOYS	Magnesium and Magnesium Alloys	Lanthanum (La)	ASTM B954
173	CHEMICAL- METALS & ALLOYS	Magnesium and Magnesium Alloys	Lead (Pb)	ASTM B954
174	CHEMICAL- METALS & ALLOYS	Magnesium and Magnesium Alloys	Manganese (Mn)	ASTM B954
175	CHEMICAL- METALS & ALLOYS	Magnesium and Magnesium Alloys	Nickel (Ni)	ASTM B954
176	CHEMICAL- METALS & ALLOYS	Magnesium and Magnesium Alloys	Silicon (Si)	ASTM B954
177	CHEMICAL- METALS & ALLOYS	Magnesium and Magnesium Alloys	Silver (Ag)	ASTM B954
178	CHEMICAL- METALS & ALLOYS	Magnesium and Magnesium Alloys	Tin (Sn)	ASTM B954
179	CHEMICAL- METALS & ALLOYS	Magnesium and Magnesium Alloys	Zinc (Zn)	ASTM B954
180	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminum (Al)	ASTM E3047
181	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Boron (B)	ASTM E3047
182	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon (C)	ASTM E3047
183	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium (Cr)	ASTM E3047
184	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt (Co)	ASTM E3047
185	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper (Cu)	ASTM E3047



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186	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cu, Sn, Pb, Ag, Zn, Ni, Mn, Fe	ASTM E1476
187	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron (Fe)	ASTM E3047
188	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Magnesium (Mg)	ASTM E3047
189	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese (Mn)	ASTM E3047
190	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum (Mo)	ASTM E3047
191	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Nickel (Ni)	ASTM E3047
192	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Niobium (Nb)	ASTM E3047
193	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Nitrogen (N)	ASTM E3047
194	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosphorus (P)	ASTM E3047
195	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon (Si)	ASTM E3047
196	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulfur (S)	ASTM E3047
197	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tantalum (Ta)	ASTM E3047
198	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tin (Sn)	ASTM E3047
199	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium (Ti)	ASTM E3047
200	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tungsten (W)	ASTM E3047
201	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium (V)	ASTM E3047





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202	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel and Duplex Steel	Manganese (Mn)	IS 9879
203	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel and Duplex Steel	Molybdenum (Mo)	IS 9879
204	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel and Duplex Steel	Nickel (Ni)	IS 9879
205	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel and Duplex Steel	Phosphorus (P)	IS 9879
206	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel and Duplex Steel	Silicon (Si)	IS 9879
207	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel and Duplex Steel	Sulfur (S)	IS 9879
208	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel, Tool Steel, Maraging Steel, High Manganese Steel and Duplex Steel	Carbon (C)	ASTM E1086
209	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel, Tool Steel, Maraging Steel, High Manganese Steel and Duplex Steel	Carbon (C)	IS 9879
210	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel, Tool Steel, Maraging Steel, High Manganese Steel and Duplex Steel	Chromium (Cr)	ASTM E1086
211	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel, Tool Steel, Maraging Steel, High Manganese Steel and Duplex Steel	Chromium (Cr)	IS 9879
212	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel, Tool Steel, Maraging Steel, High Manganese Steel and Duplex Steel	Copper (Cu)	ASTM E1086
213	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel, Tool Steel, Maraging Steel, High Manganese Steel and Duplex Steel	Copper (Cu)	IS 9879
214	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel, Tool Steel, Maraging Steel, High Manganese Steel and Duplex Steel	Manganese (Mn)	ASTM E1086



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215	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel, Tool Steel, Maraging Steel, High Manganese Steel and Duplex Steel	Molybdenum (Mo)	ASTM E1086
216	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel, Tool Steel, Maraging Steel, High Manganese Steel and Duplex Steel	Nickel (Ni)	ASTM E1086
217	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel, Tool Steel, Maraging Steel, High Manganese Steel and Duplex Steel	Phosphorus (P)	ASTM E1086
218	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel, Tool Steel, Maraging Steel, High Manganese Steel and Duplex Steel	Silicon (Si)	ASTM E1086
219	CHEMICAL- METALS & ALLOYS	Stainless steel, Medium and High Alloy Steel, Tool Steel, Maraging Steel, High Manganese Steel and Duplex Steel	Sulfur (S)	ASTM E1086
220	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Ti, Mn, Fe, V, Mo	ASTM E1476
221	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Aluminum (Al)	ASTM E2994
222	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Carbon (C)	ASTM E2994
223	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Chromium (Cr)	ASTM E2994
224	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Copper (Cu)	ASTM E2994
225	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Iron (Fe)	ASTM E2994
226	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Manganese (Mn)	ASTM E2994
227	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Molybdenum (Mo)	ASTM E2994
228	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Nickel (Ni)	ASTM E2994



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229	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Niobium (Nb)	ASTM E2994
230	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Silicon (Si)	ASTM E2994
231	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Tin (Sn)	ASTM E2994
232	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Vanadium (V)	ASTM E2994
233	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Zirconium (Zr)	ASTM E2994
234	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Fe, Cu, Zn	ASTM E1476
235	CHEMICAL- METALS & ALLOYS	Zinc and Zinc Alloys	Aluminum (Al)	AS 4699
236	CHEMICAL- METALS & ALLOYS	Zinc and Zinc Alloys	Antimony (Sb)	AS 4699
237	CHEMICAL- METALS & ALLOYS	Zinc and Zinc Alloys	Bismuth (Bi)	AS 4699
238	CHEMICAL- METALS & ALLOYS	Zinc and Zinc Alloys	Cadmium (Cd)	AS 4699
239	CHEMICAL- METALS & ALLOYS	Zinc and Zinc Alloys	Cerium (Ce)	AS 4699
240	CHEMICAL- METALS & ALLOYS	Zinc and Zinc Alloys	Chromium (Cr)	AS 4699
241	CHEMICAL- METALS & ALLOYS	Zinc and Zinc Alloys	Copper (Cu)	AS 4699
242	CHEMICAL- METALS & ALLOYS	Zinc and Zinc Alloys	Indium (In)	AS 4699
243	CHEMICAL- METALS & ALLOYS	Zinc and Zinc Alloys	Iron (Fe)	AS 4699
244	CHEMICAL- METALS & ALLOYS	Zinc and Zinc Alloys	Lanthanum (La)	AS 4699





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245	CHEMICAL- METALS & ALLOYS	Zinc and Zinc Alloys	Lead (Pb)	AS 4699
246	CHEMICAL- METALS & ALLOYS	Zinc and Zinc Alloys	Magnesium (Mg)	AS 4699
247	CHEMICAL- METALS & ALLOYS	Zinc and Zinc Alloys	Manganese (Mn)	AS 4699
248	CHEMICAL- METALS & ALLOYS	Zinc and Zinc Alloys	Nickel (Ni)	AS 4699
249	CHEMICAL- METALS & ALLOYS	Zinc and Zinc Alloys	Tin (Sn)	AS 4699
250	CHEMICAL- WATER	Water for construction purpose	Acidity	IS 3025 Part 22
251	CHEMICAL- WATER	Water for construction purpose	Alkalinity	IS 3025 Part 23
252	CHEMICAL- WATER	Water for construction purpose	Chloride Content	IS 3025 Part 32
253	CHEMICAL- WATER	Water for construction purpose	Inorganic Impurities (Fixed Solids)	IS 3025 Part 18
254	CHEMICAL- WATER	Water for construction purpose	Neutralization with 0.02 N H <sub>2</sub> SO <sub>4</sub>	IS 3025 Part 23
255	CHEMICAL- WATER	Water for construction purpose	Neutralization with 0.02 N NaOH	IS 3025 Part 22
256	CHEMICAL- WATER	Water for construction purpose	Organic Impurities (Volatile Solids)	IS 3025 Part 18
257	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 Part 11
258	CHEMICAL- WATER	Water for construction purpose	Sulphate Content	IS 3025 Part 24 Sec - 1
259	CHEMICAL- WATER	Water for construction purpose	Total dissolved Solids	IS 3025 Part 16
260	CHEMICAL- WATER	Water for construction purpose	Total Hardness	IS 3025 Part 21
261	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solids Matter	IS 3025 Part 17
262	MECHANICAL- BUILDINGS MATERIALS	Adhesives	Tensile adhesion strengths	IS 15477



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263	MECHANICAL-BUILDINGS MATERIALS	Aggregates	Soundness by MgSO <sub>4</sub> and Na <sub>2</sub> SO <sub>4</sub>	IS 2386 Part 5
264	MECHANICAL-BUILDINGS MATERIALS	Aggregates	Striping value	IS 6241
265	MECHANICAL-BUILDINGS MATERIALS	Aggregates / Rock	Petrographic Examination	IS 2386 Part 8
266	MECHANICAL-BUILDINGS MATERIALS	Anchor Bars and Rock Bolts / Rebar Grouting	Pull Out Test	IS 11309
267	MECHANICAL-BUILDINGS MATERIALS	Anti Stripping Agent	Boiling Water Test	IS 14982
268	MECHANICAL-BUILDINGS MATERIALS	APP Membrane, Polyethylene Films and Sheets for Concreting Works	Ageing Test	IS 7016 Part 8
269	MECHANICAL-BUILDINGS MATERIALS	APP Membrane, Polyethylene Films and Sheets for Concreting Works	Dart Impact Strength	IS 13360 Part 5 Sec 6
270	MECHANICAL-BUILDINGS MATERIALS	APP Membrane, Polyethylene Films and Sheets for Concreting Works	Thickness	IS 2508
271	MECHANICAL-BUILDINGS MATERIALS	Asphalt Mixtures, Bituminous Mix	Binder content	IRC SP 11
272	MECHANICAL-BUILDINGS MATERIALS	Asphalt Mixtures, Bituminous Mix	Density of Mix	ASTM D2726/D2726M
273	MECHANICAL-BUILDINGS MATERIALS	Asphalt Mixtures, Bituminous Mix	Flow	ASTM D6927
274	MECHANICAL-BUILDINGS MATERIALS	Asphalt Mixtures, Bituminous Mix	Stability	ASTM D6927



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275	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Blocks (AAC)	Compressive Strength	IS 6441 Part 5
276	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Blocks (AAC)	Density	IS 6441 Part 1
277	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Blocks (AAC)	Dimensions - Height, Length, Width	IS 2185 Part 3
278	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Blocks (AAC)	Drying Shrinkage	IS 6441 Part 2
279	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Blocks (AAC)	Moisture Content	IS 6441 Part 1
280	MECHANICAL-BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility of Water	IS 8887
281	MECHANICAL-BUILDINGS MATERIALS	Bitumen Emulsion	Particle Charge	IS 8887
282	MECHANICAL-BUILDINGS MATERIALS	Bitumen Emulsion	Penetration	IS 8887
283	MECHANICAL-BUILDINGS MATERIALS	Bitumen Emulsion	Residue by Evaporation at 163 Degree	IS 8887
284	MECHANICAL-BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600 Micron Sieve	IS 8887
285	MECHANICAL-BUILDINGS MATERIALS	Bitumen Emulsion	Stability of Mixing with Cement	IS 8887
286	MECHANICAL-BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity Saybolt Furel	IS 8887





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287	MECHANICAL-BUILDINGS MATERIALS	Bitumen Max	Theoretical Maximum Specific Gravity and Density	ASTM D2041/D2041M
288	MECHANICAL-BUILDINGS MATERIALS	Burnt clay bricks	Compressive strength	IS 3495 Part 1
289	MECHANICAL-BUILDINGS MATERIALS	Burnt clay bricks	Efflorescence	IS 3495 Part 3
290	MECHANICAL-BUILDINGS MATERIALS	Burnt clay bricks	Warpage	IS 3495 Part 4
291	MECHANICAL-BUILDINGS MATERIALS	Burnt clay bricks	Water absorption	IS 3495 Part 2
292	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension - Length, Width, Height	IS 1077
293	MECHANICAL-BUILDINGS MATERIALS	Cement Concrete Tiles	Dimensions & Surface quality, Flatness, Perpendicularity, Straightness	IS 13801, IS 1237
294	MECHANICAL-BUILDINGS MATERIALS	Cement Concrete Tiles	Resistance to Wear	IS 13801, IS 1237
295	MECHANICAL-BUILDINGS MATERIALS	Cement Concrete Tiles	Water absorption	IS 13801, IS 1237
296	MECHANICAL-BUILDINGS MATERIALS	Cement Concrete Tiles	Wet Transverse Strength	IS 13801, IS 1237
297	MECHANICAL-BUILDINGS MATERIALS	Cementitious materials	Compressive strength	IS 4031 Part 6



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298	MECHANICAL-BUILDINGS MATERIALS	Cementitious materials	Consistency	IS 4031 Part 4
299	MECHANICAL-BUILDINGS MATERIALS	Cementitious materials	Density	IS 4031 Part 11
300	MECHANICAL-BUILDINGS MATERIALS	Cementitious materials	Determination of fineness by dry sieving	IS 4031 Part 1
301	MECHANICAL-BUILDINGS MATERIALS	Cementitious materials	Final setting time	IS 4031 Part 5
302	MECHANICAL-BUILDINGS MATERIALS	Cementitious materials	Fineness by blaine air permeability	IS 4031 Part 2
303	MECHANICAL-BUILDINGS MATERIALS	Cementitious materials	Initial setting time	IS 4031 Part 5
304	MECHANICAL-BUILDINGS MATERIALS	Cementitious materials	Soundness by Le chatelier methods	IS 4031 Part 3
305	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	10% Fines Value	IS 2386 Part 4
306	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 Part 3
307	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Crushing value	IS 2386 Part 4
308	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Elongation index	IS 2386 Part 1
309	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Flakiness index	IS 2386 Part 1



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310	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Impact value	IS 2386 Part 4
311	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Los angles abrasion value (LAA)	IS 2386 Part 4
312	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis / Particle Shape & Size / Shape ratio / Material Finer / Gradation / Grain Size Analysis	IS 2386 Part 1
313	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Specific gravity	IS 2386 Part 3
314	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Water absorption	IS 2386 Part 3
315	MECHANICAL-BUILDINGS MATERIALS	Concrete	RCPT (Rapid Chloride Penetration Test)	ASTM C1202
316	MECHANICAL-BUILDINGS MATERIALS	Curing compounds for concrete	Ford Cup Viscosity	BS 7542
317	MECHANICAL-BUILDINGS MATERIALS	Curing compounds for concrete	Loss of Water	BS 7542
318	MECHANICAL-BUILDINGS MATERIALS	Curing compounds for concrete	Specific Gravity	BS 7542
319	MECHANICAL-BUILDINGS MATERIALS	Door Shutters	Buckling	IS 4020 Part 9
320	MECHANICAL-BUILDINGS MATERIALS	Door Shutters	Edge loading	IS 4020 Part 7





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321	MECHANICAL-BUILDINGS MATERIALS	Door Shutters	End immersion test	IS 4020 Part 13
322	MECHANICAL-BUILDINGS MATERIALS	Door Shutters	Flexure Test	IS 4020 Part 6
323	MECHANICAL-BUILDINGS MATERIALS	Door Shutters	General Flatness	IS 4020 Part 3
324	MECHANICAL-BUILDINGS MATERIALS	Door Shutters	Glue adhesion test	IS 4020 Part 15
325	MECHANICAL-BUILDINGS MATERIALS	Door Shutters	Impact Indentation	IS 4020 Part 5
326	MECHANICAL-BUILDINGS MATERIALS	Door Shutters	Knife test	IS 4020 Part 14
327	MECHANICAL-BUILDINGS MATERIALS	Door Shutters	Local Planeness	IS 4020 Part 4
328	MECHANICAL-BUILDINGS MATERIALS	Door Shutters	Misuse test	IS 4020 Part 11
329	MECHANICAL-BUILDINGS MATERIALS	Door Shutters	Screw withdrawal strength	IS 4020 Part 16
330	MECHANICAL-BUILDINGS MATERIALS	Door Shutters	Shock Resistance	IS 4020 Part 8
331	MECHANICAL-BUILDINGS MATERIALS	Door Shutters	Slamming test	IS 4020 Part 10
332	MECHANICAL-BUILDINGS MATERIALS	Door Shutters	Varying Humidity	IS 4020 Part 12



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333	MECHANICAL-BUILDINGS MATERIALS	Doors & windows, Shuttering, Frames & Formworks	Moisture	IS 2202 Part 1
334	MECHANICAL-BUILDINGS MATERIALS	Fiber Reinforced Polymer Matrix Composite Bars	Tensile Strength (UTS)	ASTM D7205/D7205M
335	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Bulk density & voids	IS 2386 Part 3
336	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Gradation (Sieve analysis 0.015 to 10 mm sieve size)	IS 2386 Part 1
337	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Material finer than 75 micron	IS 2386 Part 1
338	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Specific gravity	IS 2386 Part 3
339	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Water absorption	IS 2386 Part 3
340	MECHANICAL-BUILDINGS MATERIALS	Fly ash bricks	Compressive strength	IS 3495 Part 1
341	MECHANICAL-BUILDINGS MATERIALS	Fly ash bricks	Dimension - Length, Width, Height	IS 13757
342	MECHANICAL-BUILDINGS MATERIALS	Fly ash bricks	Efflorescence	IS 3495 Part 3
343	MECHANICAL-BUILDINGS MATERIALS	Fly ash bricks	Warpage	IS 3495 Part 4
344	MECHANICAL-BUILDINGS MATERIALS	Fly ash bricks	Water absorption	IS 3495 Part 2



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345	MECHANICAL-BUILDINGS MATERIALS	Foundry Sand	Bulk Density	IS 1918
346	MECHANICAL-BUILDINGS MATERIALS	Foundry Sand	Clay Content	IS 1918
347	MECHANICAL-BUILDINGS MATERIALS	Foundry Sand	Grain Fineness	IS 1918
348	MECHANICAL-BUILDINGS MATERIALS	Foundry Sand	Moisture Content	IS 1918
349	MECHANICAL-BUILDINGS MATERIALS	Fresh Concrete / Admixture	Bleeding	IS 9103
350	MECHANICAL-BUILDINGS MATERIALS	Fresh Concrete / Admixture	Flow	IS 9103, IS 1199 Part 2
351	MECHANICAL-BUILDINGS MATERIALS	Fresh Concrete, Admixture, Concrete Mix	Slump test	IS 1199 Part 2, IS 10262
352	MECHANICAL-BUILDINGS MATERIALS	Fresh Concrete	Setting Time	IS 1199 Part 7
353	MECHANICAL-BUILDINGS MATERIALS	Glass bead	Gradation	Morth Sec 803.4.2.3
354	MECHANICAL-BUILDINGS MATERIALS	Glazed Stoneware Pipe	Absorption test ( Water Absorption)	IS 651
355	MECHANICAL-BUILDINGS MATERIALS	Glazed Stoneware Pipe	Resistance to Acids / Alkalis	IS 651
356	MECHANICAL-BUILDINGS MATERIALS	Glazed Stoneware Pipe	Three Edge Bearing Method / Crushing Strength	IS 651





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357	MECHANICAL-BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Glass Content	IS 16714
358	MECHANICAL-BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Moisture Content	IS 16714
359	MECHANICAL-BUILDINGS MATERIALS	Gypsum Building Plaster Board	Dry Set Density	IS 2542 Part 1 Sec 5
360	MECHANICAL-BUILDINGS MATERIALS	Gypsum Building Plaster Board	Free Moisture / Moisture	IS 2542 Part 2 Sec 7
361	MECHANICAL-BUILDINGS MATERIALS	Gypsum Building Plaster Board	Mass of Plaster	IS 2542 Part 2 Sec 3
362	MECHANICAL-BUILDINGS MATERIALS	Gypsum Building Plaster Board	Water Absorption	IS 2542 Part 2 Sec 6
363	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength ( Normal / Accelerated Cured )	IS 516 Part 1 Sec 1
364	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength	IS 516 Part 1 Sec 1, IS 10262
365	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Moisture Movement	IS 516 Part 6
366	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Split Tensile Test	IS 516 Part 1, Sec 1
367	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Water Penetration / Permeability of Concrete	IS 516 Part 2, Sec 1
368	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Moisture Movement	IS 2185 Part 1



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369	MECHANICAL-BUILDINGS MATERIALS	Hollow and solid concrete blocks	Dimensions - Height, Length, Width	IS 2185 Part 1
370	MECHANICAL-BUILDINGS MATERIALS	Hollow and solid concrete/Light Weight concrete blocks	Compressive Strength	IS 2185 Part 1, 2
371	MECHANICAL-BUILDINGS MATERIALS	Hollow and solid concrete/Light Weight concrete blocks	Density	IS 2185 Part 1, 2
372	MECHANICAL-BUILDINGS MATERIALS	Hollow and solid concrete/Light Weight concrete blocks	Drying Shrinkage	IS 2185 Part 1, 2
373	MECHANICAL-BUILDINGS MATERIALS	Hollow and solid concrete/Light Weight concrete blocks	Moisture Content	IS 2185 Part 1, 2
374	MECHANICAL-BUILDINGS MATERIALS	Hollow And Solid Light Weight Concrete Blocks	Dimensions - Height, Length, Width	IS 2185 Part 2
375	MECHANICAL-BUILDINGS MATERIALS	Manhole Cover	Dimension Test	IS 1726, IS 12592
376	MECHANICAL-BUILDINGS MATERIALS	Manhole Cover	Load Bearing Test	IS 1726, IS 12592, BS EN 124-1
377	MECHANICAL-BUILDINGS MATERIALS	Mechanical Splices for Steel Reinforcing Bars	% Elongation at maximum force	ASTM A1034
378	MECHANICAL-BUILDINGS MATERIALS	Mechanical Splices for Steel Reinforcing Bars	Tensile Strength (UTS / Pull Out)	ASTM A1034
379	MECHANICAL-BUILDINGS MATERIALS	Paver Block, Interlocking Block, Precast Concrete Blocks	Abrasion Resistance	IS 15658
380	MECHANICAL-BUILDINGS MATERIALS	Paver Block, Interlocking Block, Precast Concrete Blocks	Compressive strength	IS 15658



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381	MECHANICAL-BUILDINGS MATERIALS	Paver Block, Interlocking Block, Precast Concrete Blocks	Flexural strength	IS 15658
382	MECHANICAL-BUILDINGS MATERIALS	Paver Block, Interlocking Block, Precast Concrete Blocks	Tensile Splitting Strength	IS 15658
383	MECHANICAL-BUILDINGS MATERIALS	Paver Block, Interlocking Block, Precast Concrete Blocks	Water Absorption	IS 15658
384	MECHANICAL-BUILDINGS MATERIALS	Pipes for Plumbing & drainage fittings	Color	IS 13592
385	MECHANICAL-BUILDINGS MATERIALS	Pipes for Plumbing & drainage fittings	Dimension	IS 12235 Part 1
386	MECHANICAL-BUILDINGS MATERIALS	Pipes for Plumbing & drainage fittings	Elongation	IS 13360 Part 5 Sec1, IS 12235 Part 13
387	MECHANICAL-BUILDINGS MATERIALS	Pipes for Plumbing & drainage fittings	Resistance to external blows	IS 4985
388	MECHANICAL-BUILDINGS MATERIALS	Pipes for Plumbing & drainage fittings	Tensile Strength	IS 13360 Part 5 Sec1, IS 12235 Part 13
389	MECHANICAL-BUILDINGS MATERIALS	Plaster of Paris	Compressive Strength ( Dry)	IS 2542 Part 1 Sec 5, IS 2547 Part 2
390	MECHANICAL-BUILDINGS MATERIALS	Plywood for General Purpose	Acid & Alkalinity Resistance Test	IS 1734 Part 20
391	MECHANICAL-BUILDINGS MATERIALS	Plywood for General Purpose	Adhesion of plies	IS 1734 Part 5
392	MECHANICAL-BUILDINGS MATERIALS	Plywood for General Purpose	Density, Moisture content	IS 1734 Part 1





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393	MECHANICAL-BUILDINGS MATERIALS	Plywood for General Purpose	Dimension	IS 4020 Part 2
394	MECHANICAL-BUILDINGS MATERIALS	Plywood for General Purpose	Glue shear strength	IS 1734 Part 4
395	MECHANICAL-BUILDINGS MATERIALS	Plywood for General Purpose	Resistance to Dry Heat	IS 1734 Part 2
396	MECHANICAL-BUILDINGS MATERIALS	Plywood for General Purpose	Static bending Strength Modulus of Rupture	IS 1734 Part 11
397	MECHANICAL-BUILDINGS MATERIALS	Plywood for General Purpose	Tensile strength Along the grain	IS 1734 Part 9
398	MECHANICAL-BUILDINGS MATERIALS	Plywood for General Purpose	Water resistance (Glue shear strength)	IS 1734 Part 6
399	MECHANICAL-BUILDINGS MATERIALS	Pozzolanic materials	Compressive strength	IS 1727
400	MECHANICAL-BUILDINGS MATERIALS	Pozzolanic materials	Density	IS 1727
401	MECHANICAL-BUILDINGS MATERIALS	Pozzolanic materials	Fineness Specific surface (Blains)	IS 1727
402	MECHANICAL-BUILDINGS MATERIALS	Pozzolanic materials	Setting time	IS 1727
403	MECHANICAL-BUILDINGS MATERIALS	Pozzolanic materials	Sieve Analysis (45 microns retained)	IS 1727
404	MECHANICAL-BUILDINGS MATERIALS	Pozzolanic materials	Soundness by Le-Chatlier	IS 1727



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405	MECHANICAL-BUILDINGS MATERIALS	Precast Concrete Kerbs (Kerb Stone), Channels, Edging, Quadrants and Other Associated Fittings	Bending Strength	IS 5758
406	MECHANICAL-BUILDINGS MATERIALS	Precast Concrete Kerbs (Kerb Stone), Channels, Edging, Quadrants and Other Associated Fittings	Dimension, Surface layer thickness	IS 5758
407	MECHANICAL-BUILDINGS MATERIALS	Precast Concrete Kerbs (Kerb Stone), Channels, Edging, Quadrants and Other Associated Fittings	Water Absorption	IS 5758
408	MECHANICAL-BUILDINGS MATERIALS	Preformed Fillers for expansion Joints	Compression	IS 10566
409	MECHANICAL-BUILDINGS MATERIALS	Preformed Fillers for expansion Joints	Density	IS 10566
410	MECHANICAL-BUILDINGS MATERIALS	Preformed Fillers for expansion Joints	Resistance to Handling	IS 1838
411	MECHANICAL-BUILDINGS MATERIALS	Preformed Fillers for expansion Joints	Water Absorption	IS 10566
412	MECHANICAL-BUILDINGS MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	% Elongation (Total elongation)	IS 14268
413	MECHANICAL-BUILDINGS MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Breaking Strength	IS 14268
414	MECHANICAL-BUILDINGS MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Cross Section Area	IS 14268
415	MECHANICAL-BUILDINGS MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Diameter	IS 14268
416	MECHANICAL-BUILDINGS MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Mass per Meter	IS 14268



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417	MECHANICAL-BUILDINGS MATERIALS	Pulverized Fuel Ash-Cement Bricks	Compressive Strength	IS 16720
418	MECHANICAL-BUILDINGS MATERIALS	Pulverized Fuel Ash-Cement Bricks	Density	IS 16720
419	MECHANICAL-BUILDINGS MATERIALS	Pulverized Fuel Ash-Cement Bricks	Water Absorption	IS 16720
420	MECHANICAL-BUILDINGS MATERIALS	Reinforcement Couplers for Mechanical Splices of Steel Bars TMT Coupler	% Elongation at maximum force	IS 16172
421	MECHANICAL-BUILDINGS MATERIALS	Reinforcement Couplers for Mechanical Splices of Steel Bars TMT Coupler	Slip Test	IS 16172
422	MECHANICAL-BUILDINGS MATERIALS	Reinforcement Couplers for Mechanical Splices of Steel Bars TMT Coupler	Tensile Strength (UTS / Pull Out)	IS 16172
423	MECHANICAL-BUILDINGS MATERIALS	Sealants	Adhesion and Tensile Modulus	IS 12118 Part 2
424	MECHANICAL-BUILDINGS MATERIALS	Sealants	Consistency	IS 13055
425	MECHANICAL-BUILDINGS MATERIALS	Sealants	Mass loss after Heat Ageing	IS 11433 Part 2
426	MECHANICAL-BUILDINGS MATERIALS	Sheathing Ducts	Tension Load	IS 1343
427	MECHANICAL-BUILDINGS MATERIALS	Sheathing Ducts	Transverse Load Rating	IS 1343
428	MECHANICAL-BUILDINGS MATERIALS	Sheathing Ducts	Water Loss	IS 1343





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429	MECHANICAL-BUILDINGS MATERIALS	Sheathing Ducts	Workability Test	IS 1343
430	MECHANICAL-BUILDINGS MATERIALS	Solid Round Glass Fiber Reinforced Polymer Bars for Concrete Reinforcement	Tensile Strength (UTS)	ASTM D7957/D7957M
431	MECHANICAL-BUILDINGS MATERIALS	Structural bearings	Shore Hardness	BS EN 1337-3
432	MECHANICAL-BUILDINGS MATERIALS	Tar , bituminous materials and Anti Stripping Agent	Flash Point and Fire Point	IS 1209
433	MECHANICAL-BUILDINGS MATERIALS	Tar , bituminous materials and Anti Stripping Agent	Solubility in Diesel	MoRTH Appendix 4
434	MECHANICAL-BUILDINGS MATERIALS	Tar , bituminous materials and Anti Stripping Agent	Water Content	IS 1211
435	MECHANICAL-BUILDINGS MATERIALS	Tar and Bituminous Materials, Sealants	Absolute Viscosity	IS 1206 Part 2
436	MECHANICAL-BUILDINGS MATERIALS	Tar and Bituminous Materials, Sealants	Ductility	IS 1208
437	MECHANICAL-BUILDINGS MATERIALS	Tar and Bituminous Materials, Sealants	Penetration	IS 1203
438	MECHANICAL-BUILDINGS MATERIALS	Tar and Bituminous Materials, Sealants	Softening point	IS 1205
439	MECHANICAL-BUILDINGS MATERIALS	Tar and bituminous materials	Kinematics Viscosity	IS 1206 Part 3
440	MECHANICAL-BUILDINGS MATERIALS	Tar and bituminous materials	Loss on heating	IS 1212



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441	MECHANICAL-BUILDINGS MATERIALS	Tar and Bituminous Materials	Specific gravity	IS 1202
442	MECHANICAL-BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Binder content	BS 3262 Part 1
443	MECHANICAL-BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Drying Time	AASHTO M249
444	MECHANICAL-BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Flow Resistance	BS 3262 Part 1
445	MECHANICAL-BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Glass Bead Content	BS 3262 Part 1
446	MECHANICAL-BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Low Temperature Stress Resistance	AASHTO T250
447	MECHANICAL-BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Softening point	ASTM D36/D36M
448	MECHANICAL-BUILDINGS MATERIALS	Tiles (Ceramic Vitrified Glazed / Un Glazed, Flooring, Wall), Stones / Rock	MOHS Scratch Hardness	IS 13630 Part 13
449	MECHANICAL-BUILDINGS MATERIALS	Tiles (Ceramic Vitrified Glazed / Un Glazed, Flooring, Wall)	Breaking Strength, Modulus of Rupture	IS 13630 Part 6
450	MECHANICAL-BUILDINGS MATERIALS	Tiles (Ceramic Vitrified Glazed / Un Glazed, Flooring, Wall)	Dimensions & Surface quality, Flatness, Perpendicularity, Straightness	IS 13630 Part 1
451	MECHANICAL-BUILDINGS MATERIALS	Tiles (Ceramic Vitrified Glazed / Un Glazed, Flooring, Wall)	Resistance to Chemicals - acids and alkalis, household chemicals & swimming pool salts	IS 4457, IS 13630 Part 8



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452	MECHANICAL-BUILDINGS MATERIALS	Tiles (Ceramic Vitrified Glazed / Un Glazed, Flooring, Wall)	Water absorption	IS 13630 Part 2
453	MECHANICAL-BUILDINGS MATERIALS	Timber	Moisture	IS 287
454	MECHANICAL-BUILDINGS MATERIALS	Timber and Timber products	Density	IS 1708 Part 1, IS 11215
455	MECHANICAL-BUILDINGS MATERIALS	Water Stop used in Masonry and Concrete dams & Pipes for Plumbing & drainage fittings	Shore Hardness	IS 13360 Part 5 Sec 11
456	MECHANICAL-BUILDINGS MATERIALS	Water Stop used in Masonry and Concrete dams	Accelerated Extraction Test	IS 15058
457	MECHANICAL-BUILDINGS MATERIALS	Water Stop used in Masonry and Concrete dams	Stability in effect of alkalis Test	IS 15058
458	MECHANICAL-BUILDINGS MATERIALS	Water Stop used in Masonry and Concrete dams	Tensile properties	IS 13360 Part 5 Sec 3
459	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Alloy-Steel and Stainless Steel Bolting	Tensile Test, Wedge Tensile, Full Size Tensile, Machined Tensile Test	ASTM A193/A193M
460	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Alloy-Steel and Stainless Steel Bolting	Tensile Test, Wedge Tensile, Full Size Tensile, Machined Tensile Test	ASTM A320/A320M
461	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Arc and gas welded products of steels and arc welded products of nickel and nickel alloys	Tensile Test	BS EN ISO 15614 Part 1





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	RAJKOT METLAB SERVICES LLP, NH 27, VAVDI, RAJKOT, GUJARAT, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
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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
462	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon and Alloy Steel Nuts	Proof Load Test	ASTM A563/A563M
463	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel and Alloy Steel Nuts	Proof Load Test	IS 1367 Part 6/ ISO 898-2
464	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel and Alloy Steel Nuts	Proof Load Test	ISO 898 Part 2, DIN EN 14399 Part 3
465	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel and Bolts, Screws and Studs	% Elongation	IS 1367 Part 3 / ISO 898-1
466	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel and Bolts, Screws and Studs	% Reduction of Area	IS 1367 Part 3 / ISO 898-1
467	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel and Bolts, Screws and Studs	Proof Load Test	IS 1367 Part 3 / ISO 898-1, BS EN 3692
468	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel and Bolts, Screws and Studs	Tensile Test, Wedge Tensile, Full Size Tensile, Machined Tensile Test	IS 1367 Part 3 / ISO 898-1
469	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel and Bolts, Screws and Studs	Yield Stress, 0.2 to 1.0% Proof Stress	IS 1367 Part 3 / ISO 898-1
470	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel, Alloy Steel, and Stainless Steel Nuts for Bolts	Proof Load Test	ASTM A194/A194M



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471	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cast Irons	Charpy Impact @ (+) 90 to (-)196 °c with 2 or 8 mm Stricker ( Notched & Unnotched )	ASTM A327/A327M
472	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Adhesion Test (Cross Cut Test/ Tape Test / Cross Hatch Test)	ISO 2409
473	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Colour	IS 101 P4 Sec 2
474	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Drying Film Thickness	ISO 2808
475	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Effect of Heat	IS 101 Part 7 Sec 3
476	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Effect of Heat	ISO 3248
477	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Evaluating Degree of Blistering of Paints	ASTM D714
478	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments	ASTM D1654
479	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Film Hardness by Pencil Test	IS 101 Part 5 Sec. 1



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480	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Flexibility Test	IS 101 Part 5 Sec 2
481	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Gloss Value	ASTM D523
482	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Gloss Value	IS 101 Part 4 Sec. 4
483	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Humidity and Cool Heat Cycling Tes	JIS K5600-7-4
484	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Impact resistance Falling weight test	IS 101 Part 5 Sec3
485	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Resistance to acid & Alkali	IS 9862, ASTM D1308
486	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Resistance to Humidity	IS 101 Part 6 Sec 1
487	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Resistance to Humidity	ISO 3270
488	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Resistance to Humidity	ISO 6270-1





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489	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Resistance to liquids	IS 101 Part 7 Sec 2
490	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Resistance to water	ASTM D1735, ASTM D2616, ASTM D2247, ASTM D4585
491	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Resistance to water	ASTM D870
492	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Resistance to Water	IS 101 P7 Sec1
493	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Resistance to water	IS 101 Part 7 Sec. 1
494	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Scratch Hardness	IS 101 P5 Sec2
495	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted Products	Bend Test	ISO 6860
496	MECHANICAL-MECHANICAL PROPERTIES OF METALS	DTI Washer	Compression Test	BS EN 14399-9
497	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Externally and Internally Threaded Fasteners, Washers, Direct Tension Indicators, and Rivets	Proof Load Test	ASTM F606/F606M



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498	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Externally and Internally Threaded Fasteners, Washers, Direct Tension Indicators, and Rivets	Tensile Test, Wedge Tensile, Full Size Tensile, Machined Tensile Test	ASTM F606/F606M
499	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fasteners	Decarburization Depth (micro-indentation hardness)	IS 1367 Part 3/6
500	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Barbed Wire	Diameter, Mass of Wire	IS 278
501	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Grey Iron Castings	Transverse Test	IS 210
502	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires and Fusion Bonded Epoxy Coated Reinforcing Bars, TMT Bars	Bend / Re bend Test	IS 1786, IS 13620
503	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires, TMT Bars	% Elongation	IS 1786, IS 1608 Part 1
504	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires, TMT Bars	Ultimate Tensile Strength/Stress (UTS)	IS 1786, IS 1608 Part 1
505	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires, TMT Bars	Yield Stress, 0.2 to 1.0% Proof Stress	IS 1786, IS 1608 Part 1
506	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot dip galvanized coated ferrous materials	Mass of Zinc Coating (GSM)	ISO 1460



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507	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Steel Beam Column Channel and Angle	Weight per meter	IS 808
508	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot-Dip Galvanized Coated Round Steel Wires	Mass of Zinc Coating (GSM)	IS 4826
509	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot-Dip Galvanizing of Iron and Steel	Adhesion Test	IS 2629
510	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot-Dip Galvanizing of Iron and Steel	Knife test	IS 2629
511	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot-Dip Galvanizing of Iron and Steel	Uniformity of Zinc Coating (Preece Test)	IS 2633
512	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Iron and Steel Articles	Mass of Zinc Coating (GSM)	ASTM A90/A90M
513	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	% Elongation	ASTM E8/E8M
514	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	% Reduction of Area	ASTM E8/E8M
515	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Bend	ASTM E290





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516	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Charpy Impact @ (+) 90 to (-)196 °c with 2 or 8 mm Stricker	ASTM E23
517	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Charpy Impact up to (-)196 °C	AS 1544.2
518	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Ultimate Tensile Strength/Stress (UTS)	ASTM E8/E8M
519	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Vickers Hardness Test, Scale: HV1, HV0.3, HV0.2	ASTM E384
520	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Vickers Hardness Test, Scale: HV30, HV10, HV5, HV2, HV1, HV0.3, HV0.2	ASTM E92
521	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Yield Stress, 0.2 to 1.0% Proof Stress	ASTM E8/E8M
522	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	% Elongation	IS 1608 Part 1 / ISO 6892-1
523	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	% Reduction of Area	IS 1608 Part 1 / ISO 6892-1
524	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend	IS 1599 / ISO 7438



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525	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test, Scale: HBW2.5/187.5, HBW5/250, HBW5/750, HBW10/3000	ASTM E10
526	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test, Scale: HBW2.5/187.5, HBW5/250, HBW5/750, HBW10/3000	IS 1500 Part 1 / ISO 6506-1
527	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact @ (+) 90 to (-)196 °c with 2 or 8 mm Striker	IS 1757 Part 1 / ISO 148-1
528	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Compression Testing	ASTM E9
529	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test, Scale: A, B, C	ASTM E18
530	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Solvent Rub Test (MEK Resistance)	ASTM D4752
531	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Surface Roughness	ASTM D4417
532	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Surface Roughness	IS 3073
533	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Surface Roughness	ISO 3274



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534	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Ultimate Tensile Strength/Stress (UTS)	IS 1608 Part 1 / ISO 6892-1
535	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test, Scale: HV30, HV10, HV5, HV2, HV1, HV0.3, HV0.2	IS 1501 Part 1 / ISO 6507-1
536	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Yield Stress, 0.2 to 1.0% Proof Stress	IS 1608 Part 1 / ISO 6892-1
537	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials & Welded Items	Brinell Hardness Test, Scale: HBW2.5/187.5, HBW5/250, HBW5/750, HBW10/3000	ISO 6506-1, ISO 9015-1
538	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials & Welded Items	Rockwell Hardness Test, Scale: A, B, C	IS 1586 Part 1 / ISO 6508-1
539	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials & Welded Items	Vickers Hardness Test, Scale: HV30, HV10, HV5, HV2, HV1, HV0.3, HV0.2	ISO 6507-1, ISO 9015-1
540	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials - Tube	Ring Tensile Test	IS 12278 / ISO 8496
541	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials - Wire	Wrapping Test	IS 1755
542	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials- Tube	Bend	IS 2329





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543	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials- Tube	Flattening Test	IS 2328
544	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	% Elongation	AS 1391
545	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	% Elongation	JIS Z2241
546	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	% Reduction of Area	AS 1391
547	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	% Reduction of Area	JIS Z2241
548	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	ISO 7438
549	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Jominy	SAE J406
550	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Ultimate Tensile Strength/Stress (UTS)	AS 1391
551	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Ultimate Tensile Strength/Stress (UTS)	JIS Z2241



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552	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Yield Stress, 0.2 to 1.0% Proof Stress	AS 1391
553	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Yield Stress, 0.2 to 1.0% Proof Stress	JIS Z2241
554	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Tubular Products	% Elongation	GOST 10006
555	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Tubular Products	Flattening Test	BS EN ISO 8492
556	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Tubular Products	Flattening Test	GOST 8695
557	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Tubular Products	Ultimate Tensile Strength/Stress (UTS)	GOST 10006
558	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Tubular Products	Yield Stress, 0.2 to 1.0% Proof Stress	GOST 10006
559	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Welded Items	% Elongation	IS 3600 Part 3 & 4, IS 7307 Part 1 & IS 7310
560	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Welded Items	% Reduction of Area	IS 3600 Part 3 & 4, IS 7307 Part 1 & IS 7310



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561	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Welded Items	Bend	IS 3600 Part 5 & 7, IS 7307 Part 1 & IS 7310
562	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Welded Items	Fracture Test, Nick Break Test	IBR REG 1950
563	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Welded Items	Fracture Test, Nick Break Test	ISO 9017
564	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Welded Items	Impact	IS 3600 Part 2, IS 7307 Part 1 & IS 7310
565	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Welded Items	Impact Tests	ISO 9016
566	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Welded Items	Nick Break Test, Fracture Test	IS 3600 Part 8, IS 7307 Part 1 & IS 7310
567	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Welded Items	Ultimate Tensile Strength/Stress (UTS)	IS 3600 Part 3 & 4, IS 7307 Part 1 & IS 7310
568	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Welded Items	Yield Stress, 0.2 to 1.0% Proof Stress	IS 3600 Part 3 & 4, IS 7307 Part 1 & IS 7310
569	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals	Izod Impact Test	IS 1598





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570	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals	Shear Test	ASTM F606/F606M
571	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals	Shear Test	IS 5242
572	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals	Torque Test	IS 1367 Part 20 / ISO 898-7
573	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-alloyed and low-alloyed cast irons	Tensile Test	BS EN ISO 15614-3
574	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted or Coated Specimens	Adhesion Test (Cross Cut Test/ Tape Test / Cross Hatch Test)	ASTM D3359
575	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted or Coated Specimens	Adhesion Test (Cross Cut Test/ Tape Test / Cross Hatch Test)	IS 14246
576	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted or Coated Specimens	Bend Test (Conical Mandrel only)	ASTM D522/D522M
577	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted or Coated Specimens	Drop Impact	ASTM D2794
578	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted or Coated Specimens	Film Hardness by Pencil Test	ASTM D3363



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579	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted Products / Panels / Raw Materials	Coating Thickness by Elcometer	ASTM B499
580	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted Products / Panels / Raw Materials	Coating Thickness by Elcometer	IS 101 Part 3, Sec. 2
581	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted Products / Panels / Raw Materials	Coating Thickness by Elcometer	IS 3203
582	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted Products / Panels / Raw Materials	Coating Thickness by Elcometer	ISO 2178
583	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted Products / Panels / Raw Materials	Tensile Test, Wedge Tensile Test, Full Size Tensile, Machined test Piece	ASTM A370, ASME SA370
584	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless	Bend Test	ASTM A53/A53M
585	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipelines And Related Facilities, Welded Pipes	% Elongation	API Standard 1104
586	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipelines And Related Facilities, Welded Pipes	Bend	API Standard 1104
587	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipelines And Related Facilities, Welded Pipes	Fracture Test, Nick Break Test	API Standard 1104



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588	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipelines And Related Facilities, Welded Pipes	Ultimate Tensile Strength/Stress (UTS)	API Standard 1104
589	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipelines And Related Facilities, Welded Pipes	Yield Stress, 0.2 to 1.0% Proof Stress	API Standard 1104
590	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Rivets	Diameter	IS 1929, IS 1148
591	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seamless Carbon Steel Pipe	Bend Test	ASTM A106/A106M
592	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Bolts, screws and studs	Proof Load Test	BS EN ISO 3506-1
593	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Bolts, screws and studs	Tensile Test, Wedge Tensile, Full Size Tensile, Machined Tensile Test	BS EN ISO 3506-1
594	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Nuts	Proof Load Test	BS EN ISO 3506-2
595	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Parts	Ferroxyl Test	ASTM A380 CI 7.3.4
596	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Parts	Water Immersion Test, Practice A	ASTM A967





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597	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Decarburization Depth (Microindentation hardness methods)	ASTM E1077
598	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Decarburization Depth (micro-indentation hardness)	IS 6396 /ISO 3887
599	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Effective Case Depth by Micro Vickers Hardness	IS 6416
600	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes	Weight per meter	IS 3589
601	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	% Elongation	ASTM A370, ASME SA370
602	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	% Reduction of Area	ASTM A370, ASME SA370
603	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Bend Test	ASTM A370, ASME SA370
604	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Brinell Hardness Test, Scale: HBW2.5/187.5, HBW5/250, HBW5/750, HBW10/3000	ASTM A370, ASME SA370
605	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Charpy Impact @ (+) 90 to (-)196 °c with 2 or 8 mm Stricker	ASTM A370, ASME SA370



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606	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Flaring (Drift expansion)	ASTM A370, ASME SA370
607	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Flattening Test	ASTM A370, ASME SA370
608	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Proof Load Test	ASTM A370, ASME SA370
609	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Rockwell Hardness Test, Scale: A, B, C	ASTM A370, ASME SA370
610	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Ultimate Tensile Strength/Stress (UTS)	ASTM A370, ASME SA370
611	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Yield Stress, 0.2 to 1.0% Proof Stress	ASTM A370, ASME SA370
612	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Reinforcing bars, rods and wire	% Elongation	ISO 15630-1
613	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Reinforcing bars, rods and wire	Ultimate Tensile Strength/Stress (UTS)	ISO 15630-1
614	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Reinforcing bars, rods and wire	Yield Stress, 0.2 to 1.0% Proof Stress	ISO 15630-1



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615	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel sections	Weight per meter	IS 4923
616	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes	Bend	IS 1239 Part 1
617	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel tubes	Crushing Test	IS 3601
618	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes	Weight per meter	IS 1239 Part 1
619	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Hardenability (End Quenched or Jominy) Test	ASTM A255
620	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Hardenability (End Quenched or Jominy) Test	IS 3848
621	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Threaded Fasteners	Proof Load Test	SAE J429
622	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Threaded Fasteners	Tensile Test, Wedge Tensile, Full Size Tensile, Machined Tensile Test	SAE J429
623	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tube & Pipes	Thickness	IS 1161





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624	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Washer	Permanent Load / Set Test	IS 3063
625	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Washer	Twist Test	IS 3063
626	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in Metallic Materials	% Elongation	ISO 5178
627	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in Metallic Materials	Ultimate Tensile Strength/Stress (UTS)	ISO 5178
628	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in Metallic Materials	Yield Stress, 0.2 to 1.0% Proof Stress	ISO 5178
629	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded metallic materials	% Elongation	ISO 4136
630	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded metallic materials	% Reduction of Area	ISO 4136
631	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded metallic materials	Bend Test	ISO 5173
632	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded metallic materials	Ultimate Tensile Strength/Stress (UTS)	ISO 4136



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633	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded metallic materials	Yield Stress, 0.2 to 1.0% Proof Stress	ISO 4136
634	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Rods, Electrodes, and Filler Metals	% Elongation	ASME BPVC Section II-Materials-Part C
635	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Rods, Electrodes, and Filler Metals	% Reduction of Area	ASME BPVC Section II-Materials-Part C
636	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Rods, Electrodes, and Filler Metals	Bend	ASME BPVC Section II-Materials-Part C
637	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Rods, Electrodes, and Filler Metals	Ultimate Tensile Strength/Stress (UTS)	ASME BPVC Section II-Materials-Part C
638	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Rods, Electrodes, and Filler Metals	Yield Stress, 0.2 to 1.0% Proof Stress	ASME BPVC Section II-Materials-Part C
639	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	% Elongation	IBR REG 1950
640	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	% Reduction of Area	IBR REG 1950
641	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Bend Test	IBR REG 1950



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642	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Bend Test	AWS B4.0
643	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Bend	ASTM E190
644	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Charpy Impact @ (+) 90 to (-)196 °c with 2 or 8 mm Stricker	AWS B4.0
645	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Fracture Test, Nick Break Test	AWS B4.0
646	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Hardness Test	AWS B4.0
647	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Ultimate Tensile Strength/Stress (UTS)	IBR REG 1950
648	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Yield Stress, 0.2 to 1.0% Proof Stress	IBR REG 1950
649	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Bend Test	AWS D1.1/D1.1M
650	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Fracture Test, Nick Break Test	AWS D1.1/D1.1M





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651	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and Welded, Brazed, Fused, Soldered test specimens & Products	% Elongation	ASME BPVC Section IX
652	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and Welded, Brazed, Fused, Soldered test specimens & Products	% Reduction of Area	ASME BPVC Section IX
653	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and Welded, Brazed, Fused, Soldered test specimens & Products	Bend	ASME BPVC Section IX
654	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and Welded, Brazed, Fused, Soldered test specimens & Products	Charpy Impact @ (+) 90 to (-)196 °c with 2 or 8 mm Stricker	ASME BPVC Section IX
655	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and Welded, Brazed, Fused, Soldered test specimens & Products	Fracture Test, Nick Break Test	ASME BPVC Section IX
656	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and Welded, Brazed, Fused, Soldered test specimens & Products	Ultimate Tensile Strength/Stress (UTS)	ASME BPVC Section IX
657	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and Welded, Brazed, Fused, Soldered test specimens & Products	Yield Stress, 0.2 to 1.0% Proof Stress	ASME BPVC Section IX
658	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Strand, Prestressing Strands HT Strand, LRPC Strands, Barbed Wire, Fencing Wire	% Elongation	ASTM A1061/A1061M
659	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Strand, Prestressing Strands HT Strand, LRPC Strands, Barbed Wire, Fencing Wire	Ultimate Tensile Strength/Stress (UTS)	ASTM A1061/A1061M



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660	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wrought and Cast Aluminum- and Magnesium-Alloy Products	% Elongation	ASTM B557/B557M
661	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wrought and Cast Aluminum- and Magnesium-Alloy Products	% Reduction of Area	ASTM B557/B557M
662	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wrought and Cast Aluminum- and Magnesium-Alloy Products	Ultimate Tensile Strength/Stress (UTS)	ASTM B557/B557M
663	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wrought and Cast Aluminum- and Magnesium-Alloy Products	Yield Stress, 0.2 to 1.0% Proof Stress	ASTM B557/B557M
664	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Zinc coated iron and steel articles	Mass of Zinc Coating (GSM)	IS 6745
665	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels and Related Alloys	Method A, Ferric chloride pitting test	ASTM G48
666	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels and Related Alloys	Method B, Ferric chloride crevice test.	ASTM G48
667	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels and Related Alloys	Method C (Critical Pitting Temperature Test)	ASTM G48
668	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels and Related Alloys	Method D (Critical Crevice Temperature Test)	ASTM G48
669	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels and Related Alloys	Method E, Critical pitting temperature test for stainless steels.	ASTM G48



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670	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels and Related Alloys	Method F (Critical Crevice Temperature Test)	ASTM G48
671	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Monypenny Strauss Test	IS 10461 Part 2
672	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	IGC, Huey Test	IS 10461 Part 1
673	MECHANICAL-METALLOGRAPHY TEST	Austenitic stainless steels	IGC, Huey test	ISO 3651 Part 1
674	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Practice A, Oxalic Acid Etch Test	ASTM A262
675	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Practice B, Ferric Sulfate-Sulfuric Acid Test	ASTM A262
676	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Practice C, Nitric Acid Test	ASTM A262
677	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Practice E, Copper-Copper Sulfate - 16% Sulfuric Acid Test	ASTM A262
678	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Practice F, Copper-Copper Sulfate - 50% Sulfuric Acid Test	ASTM A262
679	MECHANICAL-METALLOGRAPHY TEST	Austentic Stainless Steels	Method A, The 16% Sulfuric Acid/Copper Sulfate Test ( Monypenny Strauss Test)	ISO 3651 Part 2
680	MECHANICAL-METALLOGRAPHY TEST	Austentic Stainless Steels	Method B, The 35% Sulfuric Acid/Copper Sulfate Test	ISO 3651 Part 2





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681	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Method C, The 40% Sulfuric Acid/Copper Sulfate Test	ISO 3651 Part 2
682	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel Castings	Ferrite content, Chemical Composition method	IS 15839
683	MECHANICAL-METALLOGRAPHY TEST	Bearing Steel	Carbide Structure	SEP 1520
684	MECHANICAL-METALLOGRAPHY TEST	Cast Iron (CI, SGI, MCI, WCI, NCI etc.)	Micro Examination	ISO 945-1, 2
685	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Size & Distribution Of Graphite Flake & Nodular	ASTM A247
686	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Size & Distribution Of Graphite Flake & Nodular	IS 7754
687	MECHANICAL-METALLOGRAPHY TEST	Cleanliness of Components & Systems for Road Vehicles	Particle Size and Count Analysis (Millipore Testing)	ISO 16232 CI 10.8.3
688	MECHANICAL-METALLOGRAPHY TEST	Cleanliness of Components & Systems for Road Vehicles	Particle Size and Count Analysis (Millipore Testing)	ISO 4406
689	MECHANICAL-METALLOGRAPHY TEST	Cleanliness of Components & Systems for Road Vehicles	Particle Size and Count Analysis (Millipore Testing)	ISO 4407 CI 5.9
690	MECHANICAL-METALLOGRAPHY TEST	Coated / Painted / Plated Products	Coating Thickness ( by Microscopic Method )	ISO 1463
691	MECHANICAL-METALLOGRAPHY TEST	Coated / Painted / Plated Products	Coating Thickness by Microscopic Method	ASTM B487
692	MECHANICAL-METALLOGRAPHY TEST	Coated / Painted / Plated Products	Coating Thickness by Microscopic Method	IS 3203



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693	MECHANICAL-METALLOGRAPHY TEST	Copper Alloys	Mercurous Nitrate Test	ASTM B154
694	MECHANICAL-METALLOGRAPHY TEST	Copper Alloys	Mercurous Nitrate Test	IS 2305
695	MECHANICAL-METALLOGRAPHY TEST	copper alloys with zinc	Determination of dezincification resistance	ISO 6509-1
696	MECHANICAL-METALLOGRAPHY TEST	Copper and copper alloys	Estimation of average grain size	ISO 2624
697	MECHANICAL-METALLOGRAPHY TEST	Ductile Iron	Determining Nodularity And Nodule Count	ASTM E2567
698	MECHANICAL-METALLOGRAPHY TEST	Duplex Austenitic / Ferritic Stainless Steels	Test Method A- Sodium Hydroxide Etch Test	ASTM A923, ASTM A1084
699	MECHANICAL-METALLOGRAPHY TEST	Duplex Austenitic / Ferritic Stainless Steels	Test Method B- Charpy Impact Test	ASTM A923, ASTM A1084
700	MECHANICAL-METALLOGRAPHY TEST	Duplex Austenitic / Ferritic Stainless Steels	Test Method C- Ferric Chloride Corrosion Test	ASTM A923, ASTM A1084
701	MECHANICAL-METALLOGRAPHY TEST	Ferritic / Austenitic (Duplex) stainless steels	Microstructure Examination	ISO 17781
702	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steel	Practice W- Oxalic Acid Etch Test	ASTM A763
703	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steel	Practice Z- Copper-Copper Sulfate-16 % Sulfuric Acid Test	ASTM A763
704	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non-Ferrous Material	Volume Fraction	ASTM E562, ASTM E1245



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705	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials, Steel Bar , Billets , Blooms, And Forgings	Grain Size Measurement	ASTM E112, ASTM E1382
706	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Case Depth	SAE J423
707	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Degree of Banding	ASTM E1268
708	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Grain Size Measurement	IS 4748 / ISO 643
709	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Macro / Micro Examination	ASTM E3, ASTM E1558, ASTM E407, ASTM E1351, ASTM A800
710	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Macro, Micro, Visual Examination, Weld Penetration, Weld Measurement, Porosity	ASM Hand Book Vol. 9
711	MECHANICAL-METALLOGRAPHY TEST	Metallic Welded Items	Macro / Micro Examination	BS EN ISO 17639
712	MECHANICAL-METALLOGRAPHY TEST	Metallic Welded Items	Macro / Micro Examination	IBR REG 1950
713	MECHANICAL-METALLOGRAPHY TEST	Metallic Welded Items	Macro / Micro Examination	IS 3600 Part 9, IS 7307 Part 1 & IS 7310
714	MECHANICAL-METALLOGRAPHY TEST	Metallic Welded Items	Macro / Micro Examination	IS 7739 Part 1, 2, 3, 4 & 5
715	MECHANICAL-METALLOGRAPHY TEST	Metallic Welded Items	Macro / Micro Examination	ISO/TR 16060





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716	MECHANICAL-METALLOGRAPHY TEST	Metallic Welded Items	Macro, Micro, Visual Examination, Weld Penetration, Weld Measurement, Porosity	ASME BPVC Section IX
717	MECHANICAL-METALLOGRAPHY TEST	Metallic Welded Items	Macro, Micro, Visual Examination, Weld Penetration, Weld Measurement, Porosity	AWS B4.0
718	MECHANICAL-METALLOGRAPHY TEST	Steel	Macro / Micro Examination	BS EN ISO 15614-3
719	MECHANICAL-METALLOGRAPHY TEST	Steel	Macro / Micro Examination	ISO 4969
720	MECHANICAL-METALLOGRAPHY TEST	Steel	Macro Streak Flaw	IS 4075
721	MECHANICAL-METALLOGRAPHY TEST	Steel Bar , Billets , Blooms, And Forgings	Macroetch	ASTM E340
722	MECHANICAL-METALLOGRAPHY TEST	Steel Bar , Billets , Blooms, And Forgings	Macroetch	ASTM E381
723	MECHANICAL-METALLOGRAPHY TEST	Steel	Case Depth (Microscopic Method)	IS 6416
724	MECHANICAL-METALLOGRAPHY TEST	Steel	Decarburization Depth (Microscopic Method)	ASTM E1077
725	MECHANICAL-METALLOGRAPHY TEST	Steel	Decarburization Depth (Microscopic Method)	IS 6396 /ISO 3887
726	MECHANICAL-METALLOGRAPHY TEST	Steel	Inclusion Rating	ASTM E45



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727	MECHANICAL- METALLOGRAPHY TEST	Steel	Inclusion Rating	IS 4163 /ISO 4967
728	MECHANICAL- METALLOGRAPHY TEST	Welds & welded test specimens	Macro/Micro Examination	AWS D1.1/D1.1M
729	MECHANICAL- METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro / Micro Examination	API Standard 1104
730	MECHANICAL- METALLOGRAPHY TEST	Wrought Aluminium and Aluminium Alloy Products	Macro Etch Test	IS 12573
731	MECHANICAL- METALLOGRAPHY TEST	Wrought Steel Products	Macroetch	IS 11371
732	MECHANICAL- METALLOGRAPHY TEST	Wrought, Nickel-Rich, Chromium-Bearing Alloys	Method A, Ferric Sulfate-Sulfuric Acid Test	ASTM G28
733	MECHANICAL- METALLOGRAPHY TEST	Wrought, Nickel-Rich, Chromium-Bearing Alloys	Method B, Mixed Acid-Oxidizing Salt Test	ASTM G28
734	MECHANICAL- SOIL AND ROCK	Clays & Soils	Consolidation Test, CC	IS 2720 Part 15
735	MECHANICAL- SOIL AND ROCK	Clays & Soils	Consolidation Test, Cv	IS 2720 Part 15
736	MECHANICAL- SOIL AND ROCK	Clays & Soils	Consolidation Test, Pc	IS 2720 Part 15
737	MECHANICAL- SOIL AND ROCK	Clays & Soils	Direct Shear Test (DST) Angle of internal friction	IS 2720 Part 13
738	MECHANICAL- SOIL AND ROCK	Clays & Soils	Direct Shear Test (DST) Cohesion	IS 2720 Part 13
739	MECHANICAL- SOIL AND ROCK	Clays & Soils	Hydrometer Analysis	IS 2720 Part 4
740	MECHANICAL- SOIL AND ROCK	Clays & Soils	Light compaction - MDD	IS 2720 Part 7



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741	MECHANICAL- SOIL AND ROCK	Clays & Soils	Light compaction- OMC	IS 2720 Part 7
742	MECHANICAL- SOIL AND ROCK	Clays & Soils	Shrinkage Limit	IS 2720 Part 6
743	MECHANICAL- SOIL AND ROCK	Clays & Soils	Specific gravity	IS 2720 Part 3 sec-1
744	MECHANICAL- SOIL AND ROCK	Clays & Soils	Triaxial Shear test, Angle of internal friction	IS 2720 Part 12
745	MECHANICAL- SOIL AND ROCK	Clays & Soils	Triaxial Shear test, Cohesion	IS 2720 Part 12
746	MECHANICAL- SOIL AND ROCK	Clays & Soils	Unconfined Compressive Strength (UCS)	IS 2720 Part 10
747	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Apparent / True porosity	IS 1124
748	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Apparent / True Specific Gravity	IS 1124
749	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Compressive Strength	IS 1121 Part 1
750	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Resistance to wear	IS 1706
751	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Split Tensile Strength	IS 1121 Part 3
752	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Water Absorption	IS 1124
753	MECHANICAL- SOIL AND ROCK	Soil, Clays, GSB, WMM, Bentonite	Liquid Limit	IS 2720 Part 5
754	MECHANICAL- SOIL AND ROCK	Soil, Clays, GSB, WMM, Bentonite	Plastic Limit	IS 2720 Part 5
755	MECHANICAL- SOIL AND ROCK	Soil, Clays, GSB, WMM, WBM	California Bearing Ratio (CBR)	IS 2720 Part 16
756	MECHANICAL- SOIL AND ROCK	Soil, Clays, GSB, WMM, WBM	Permeability	IS 2720 Part 17





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757	MECHANICAL- SOIL AND ROCK	Soil, Clays, GSB, WMM	Heavy compaction, MDD	IS 2720 Part 8
758	MECHANICAL- SOIL AND ROCK	Soil, Clays, GSB, WMM	Heavy compaction-OMC	IS 2720 Part 8
759	MECHANICAL- SOIL AND ROCK	Soil, Clays	Free Swell Index (FSI)	IS 2720 Part 40
760	MECHANICAL- SOIL AND ROCK	Soil	Gradation (Sieve analysis 0.015 to 125 mm sieve size)	IS 2720 Part 4
761	MECHANICAL- SOIL AND ROCK	Stones / Rock	Compressive Strength (UCS)	IS 9143
762	MECHANICAL- SOIL AND ROCK	Stones / Rock	Density	IS 13030
763	MECHANICAL- SOIL AND ROCK	Stones / Rock	Indirect Tensile strength (by Line Load test)	IS 10082
764	MECHANICAL- SOIL AND ROCK	Stones / Rock	Point load index	IS 8764
765	MECHANICAL- SOIL AND ROCKS	Clays and Soils	Electrical Resistivity by Wenner's Four Electrode method ( By Soil Box )	ASTM G57
766	MECHANICAL- SOIL AND ROCKS	Soil, Clays, GSB, WMM, WBM	Water content %	IS 2720 Part 2
767	MECHANICAL- SOIL AND ROCKS	Stones / Rock	Water Content	IS 13030
768	MECHANICAL- TEXTILE MATERIALS	Geogrids	Wide Width Tensile and Elongation	ASTM D6637/D6637M
769	MECHANICAL- TEXTILE MATERIALS	Geomembranes and Related Products	Index Puncture Resistance	ASTM D4833/D4833M
770	MECHANICAL- TEXTILE MATERIALS	Geomembranes	Wide Width Tensile and Elongation	ASTM D4885
771	MECHANICAL- TEXTILE MATERIALS	Geosynthetics	Wide Width Tensile Elongation	IS 16635 / ISO 10319
772	MECHANICAL- TEXTILE MATERIALS	Geosynthetics	Static ( CBR) Puncture Resistance	ISO 12236



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773	MECHANICAL-TEXTILE MATERIALS	Geosynthetics	Thickness at 2 kpa	ASTM D5199
774	MECHANICAL-TEXTILE MATERIALS	Geotextiles (Woven and Non Woven)	Aparent Opning Size	IS 14294
775	MECHANICAL-TEXTILE MATERIALS	Geotextiles (Woven and Non Woven)	Mass per Unit Area	ASTM D5261
776	MECHANICAL-TEXTILE MATERIALS	Geotextiles and Geotextile-Related Products	Mass per Unit Area	IS 14716
777	MECHANICAL-TEXTILE MATERIALS	Geotextiles and Geotextile-related products	Mass per Unit Area	ISO 9864
778	MECHANICAL-TEXTILE MATERIALS	Geotextiles and Geotextile-Related Products	Static ( CBR) Puncture Resistance	ASTM D6241
779	MECHANICAL-TEXTILE MATERIALS	Geotextiles	Puncture Resistance by falling cone method	IS 13162 Part 4
780	MECHANICAL-TEXTILE MATERIALS	Geotextiles	Thickness at 2 kpa	IS 13162 Part 3 / ISO 9863-1
781	MECHANICAL-TEXTILE MATERIALS	Geotextiles	Wide Width Tensile and Elongation	ASTM D4595/D4595M
782	MECHANICAL-TEXTILE MATERIALS	Nonreinforced Polyethylene and Nonreinforced Flexible Polypropylene Geomembranes, Geo Cell, Geogrid, Geo strips	Tensile Test	ASTM D6693/D6693M
783	MECHANICAL-TEXTILE MATERIALS	Ropes & Cordages	Breaking Load & Elongation	IS 7071 / ISO 2307
784	MECHANICAL-TEXTILE MATERIALS	Textiles -Fabrics	Breaking load and elongation	IS 1969 Part 1 / ISO 13934-1
785	MECHANICAL-TEXTILE MATERIALS	Textiles -Fabrics	Mass	IS 1964
786	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half Cell Potential test	BS EN 14630



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Site Testing				
1	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Ti, Cr, Mn, Fe, Cu, Zn	ASTM E1476
2	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Co, Cr, Ni, Mn, W, Fe	ASTM E1476
3	CHEMICAL- METALS & ALLOYS	Iron & its allos	Mn, Cr, Ni, Mo, Cu, Ti, Nb, Pb, Sn, Sb, V, Fe, W, Co	ASTM E1476
4	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cu, Sn, Pb, Ag, Zn, Ni, Mn, Fe	ASTM E1476
5	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Ti, Mn, Fe, V, Mo	ASTM E1476
6	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Fe, Cu, Zn	ASTM E1476
7	MECHANICAL- BUILDINGS MATERIALS	Adhesives	Tensile adhesion strengths	IS 15477
8	MECHANICAL- BUILDINGS MATERIALS	Anchor Bars and Rock Bolts / Rebar Grouting	Pull Out Test	IS 11309
9	MECHANICAL- BUILDINGS MATERIALS	Structural bearings	Shore Hardness	BS EN 1337-3
10	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Adhesion Test (Cross Cut Test/ Tape Test / Cross Hatch Test)	ISO 2409
11	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Gloss Value	ASTM D523





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12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coated / Painted / Plated Products	Gloss Value	IS 101 Part 4 Sec. 4
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot-Dip Galvanizing of Iron and Steel	Adhesion Test	IS 2629
14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted or Coated Specimens	Adhesion Test (Cross Cut Test/ Tape Test / Cross Hatch Test)	ASTM D3359
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted or Coated Specimens	Adhesion Test (Cross Cut Test/ Tape Test / Cross Hatch Test)	IS 14246
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted Products / Panels / Raw Materials	Coating Thickness by Elcometer	ASTM B499
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted Products / Panels / Raw Materials	Coating Thickness by Elcometer	IS 101 Part 3, Sec. 2
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted Products / Panels / Raw Materials	Coating Thickness by Elcometer	IS 3203
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted Products / Panels / Raw Materials	Coating Thickness by Elcometer	ISO 2178
20	MECHANICAL- SOIL AND ROCK	Soil & Rock Field Test	California Bearing Ratio (Field CBR)	IS 2720 Part 31



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21	MECHANICAL- SOIL AND ROCK	Soil & Rock Field Test	Dynamic Cone Penetrometer test	IRC SP 72
22	MECHANICAL- SOIL AND ROCK	Soil & Rock Field Test	Electrical Resistivity by Wenner's Four Electrode method (ERT)	IS 3043
23	MECHANICAL- SOIL AND ROCK	Soil & Rock Field Test	Modulus of Subgrade Reaction, K Value	IS 9214
24	MECHANICAL- SOIL AND ROCK	Soil & Rock Field Test	Pile Lateral load test	IS 2911 Part 4
25	MECHANICAL- SOIL AND ROCK	Soil & Rock Field Test	Pile Pull-out test	IS 2911 Part 4
26	MECHANICAL- SOIL AND ROCK	Soil & Rock Field Test	Pile Vertical load test (Compression)	IS 2911 Part 4
27	MECHANICAL- SOIL AND ROCK	Soil & Rock Field Test	Plate Load Test	IS 1888
28	MECHANICAL- SOIL AND ROCK	Soil / Rock Field Test	Standard Penetration test	IS 2131
29	MECHANICAL- SOIL AND ROCK	Soil Field Test	Field Density by Core cutter method	IS 2720 Part 29
30	MECHANICAL- SOIL AND ROCK	Soil Field Test	Field Density by Sand Replacement	IS 2720 Part 28
31	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RCC Structure	Determination of Crack Depth	IS 516 Part 5 Sec1
32	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Test	IS 516 Part 5 Sec 3



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33	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half Cell Potential test	IS 516 Part 5 Sec 2
34	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 516, Part 5, Sec 4
35	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures / Granite (Structural & Polished) / Marble / Kota Stone / )	Ultrasonic Pulse Velocity	IS 516 Part 5 Sec 1