



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

OMEGALAB TESTING SERVICES PRIVATE LIMITED, 256A, M.G. ROAD,
PURBASAN, HARIDVEVPUR, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11935

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Validity

03/02/2026 to 02/02/2030

Last Amended on

06/02/2026

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	Aggregate	Alkalies (Na ₂ O equivalent)	IS 4032
2	CHEMICAL- BUILDING MATERIAL	Aggregate	Potassium Oxide	IS 4032
3	CHEMICAL- BUILDING MATERIAL	Aggregate	Silica	IS 4032
4	CHEMICAL- BUILDING MATERIAL	Aggregate	Sodium Oxide	IS 4032
5	CHEMICAL- BUILDING MATERIAL	Aggregates	Alumina	IS 4032
6	CHEMICAL- BUILDING MATERIAL	Aggregates	Calcium Oxide	IS 4032 (by Gravimetric method as Clause 4.7.1)
7	CHEMICAL- BUILDING MATERIAL	Aggregates	Iron Oxide	IS 4032 (volumetric method as per Clause 4.5.1)
8	CHEMICAL- BUILDING MATERIAL	Aggregates	Magnesia (as MgO)	IS 4032 (by Gravimetric method as Clause 4.8.1)
9	CHEMICAL- BUILDING MATERIAL	Aggregates	Sulphide Sulphur (as S)	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Aggregates	Sulphuric Anhydride	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Clinker	Alumina	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Clinker	Available alkali as Na ₂ O	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Clinker	Calcium Oxide	IS 4032 (by Gravimetric method as Clause 4.7.1)
14	CHEMICAL- BUILDING MATERIAL	Clinker	Chloride content	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Clinker	Insoluble Residue	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Clinker	Iron Oxide	IS 4032 (volumetric method as per Clause 4.5.1)
17	CHEMICAL- BUILDING MATERIAL	Clinker	Loss on Ignition	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Clinker	Magnesia (as MgO)	IS 4032 (by Gravimetric method as Clause)
19	CHEMICAL- BUILDING MATERIAL	Clinker	Potassium Oxide	IS 4032



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20	CHEMICAL- BUILDING MATERIAL	Clinker	Ratio of percentage of alumina to that of iron oxide	IS 16353
21	CHEMICAL- BUILDING MATERIAL	Clinker	Ratio of percentage of lime to percentages of silica, alumina and iron oxide	IS 16353
22	CHEMICAL- BUILDING MATERIAL	Clinker	Silica	IS 4032
23	CHEMICAL- BUILDING MATERIAL	Clinker	Sodium Oxide	IS 4032
24	CHEMICAL- BUILDING MATERIAL	Clinker	Sulphuric Anhydride	IS 4032
25	CHEMICAL- BUILDING MATERIAL	Clinker	Tricalcium aluminate (as C3A)	IS 16353
26	CHEMICAL- BUILDING MATERIAL	Clinker	Tricalcium silicate (as C3S)	IS 16353
27	CHEMICAL- BUILDING MATERIAL	Coarse aggregates and Fine aggregates	Acid Soluble Chloride	IS 14959 : (Part 2)
28	CHEMICAL- BUILDING MATERIAL	Coarse aggregates and Fine aggregates	Alkali Aggregates Reaction a) Concentration of Silica	IS 2386 : (Part 7)
29	CHEMICAL- BUILDING MATERIAL	Coarse aggregates and Fine aggregates	Alkali aggregates reaction: Reduction in alkalinity	IS 2386 : (Part 7)
30	CHEMICAL- BUILDING MATERIAL	Coarse aggregates and Fine aggregates	Water Soluble Chloride	IS 14959 :(Part 2)
31	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Organic Impurities	IS 2386 : (Part 2)
32	CHEMICAL- BUILDING MATERIAL	Fly ash	Aluminum Oxide	IS 1727
33	CHEMICAL- BUILDING MATERIAL	Fly ash	Available alkali as Na ₂ O	IS 3812 : (Part 1 , Annex C)
34	CHEMICAL- BUILDING MATERIAL	Fly ash	Available alkali as Na ₂ O	IS 3812 : (Part 2 ,Annex B)
35	CHEMICAL- BUILDING MATERIAL	Fly ash	Calcium Oxide	IS 1727
36	CHEMICAL- BUILDING MATERIAL	Fly ash	Chloride	IS 4032
37	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron Oxide	IS 1727
38	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition	IS 1727
39	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesium oxide	IS 1727

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40	CHEMICAL- BUILDING MATERIAL	Fly ash	Moisture Content	IS 3812 : (Part 1 , Annex D)
41	CHEMICAL- BUILDING MATERIAL	Fly ash	Moisture Content	IS 3812 : (Part 2 , Annex C)
42	CHEMICAL- BUILDING MATERIAL	Fly ash	Potassium Oxide	IS 3812 : (Part 1, Annex C)
43	CHEMICAL- BUILDING MATERIAL	Fly ash	Potassium Oxide	IS 3812 : (Part 2 , Annex B)
44	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica	IS 1727
45	CHEMICAL- BUILDING MATERIAL	Fly ash	Silicon di oxide plus Aluminium Oxide plus Iron oxide	IS 3812 (Part 1)
46	CHEMICAL- BUILDING MATERIAL	Fly ash	Silicon di oxide plus Aluminium Oxide plus Iron oxide	IS 3812 (Part 2)
47	CHEMICAL- BUILDING MATERIAL	Fly ash	Sodium Oxide	IS 3812 : (Part 1 ,Annex C)
48	CHEMICAL- BUILDING MATERIAL	Fly ash	Sodium Oxide	IS 3812 : Part 2 (Annex B)
49	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphate as SO3	IS 1727
50	CHEMICAL- BUILDING MATERIAL	Fresh mortar and Fresh Concrete	Acid Soluble Chloride	IS 14959 (Part 1)
51	CHEMICAL- BUILDING MATERIAL	Fresh mortar and Fresh Concrete	Water Soluble Chloride	IS 14959 (Part 1)
52	CHEMICAL- BUILDING MATERIAL	GGBS	Alumina	IS 4032
53	CHEMICAL- BUILDING MATERIAL	GGBS	Calcium Oxide	IS 4032 (by Gravimetric method as Clause 4.7.1)
54	CHEMICAL- BUILDING MATERIAL	GGBS	Chloride content	IS 4032
55	CHEMICAL- BUILDING MATERIAL	GGBS	Insoluble Residue	IS 4032
56	CHEMICAL- BUILDING MATERIAL	GGBS	Iron Oxide	IS 4032 (volumetric method as per Clause 4.5.1)
57	CHEMICAL- BUILDING MATERIAL	GGBS	Loss on Ignition	IS 4032
58	CHEMICAL- BUILDING MATERIAL	GGBS	Magnesia (as MgO)	IS 4032 (by Gravimetric method as Clause 4.8.1)
59	CHEMICAL- BUILDING MATERIAL	GGBS	Silica	IS 4032



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60	CHEMICAL- BUILDING MATERIAL	GGBS	Sulphuric Anhydride	IS 4032
61	CHEMICAL- BUILDING MATERIAL	Granulated Slag	Magnesia (as MgO)	IS 4032 (by Gravimetric method as Clause 4.8.1)
62	CHEMICAL- BUILDING MATERIAL	Granulated Slag	Alumina	IS 4032
63	CHEMICAL- BUILDING MATERIAL	Granulated Slag	Calcium Oxide	IS 4032 (by Gravimetric method as Clause 4.7.1)
64	CHEMICAL- BUILDING MATERIAL	Granulated Slag	Insoluble Residue	IS 4032
65	CHEMICAL- BUILDING MATERIAL	Granulated Slag	Iron Oxide	IS 4032 (volumetric method as per Clause 4.5.1)
66	CHEMICAL- BUILDING MATERIAL	Harden mortar and Harden Concrete	Acid Soluble Chloride	IS 14959 (Part 2)
67	CHEMICAL- BUILDING MATERIAL	Harden mortar and Harden Concrete	Water Soluble Chloride	IS 14959 (Part 2)
68	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement	Microfine (OPC)	IS 4032
69	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (Microfine OPC)	Ratio of percentage of alumina to that of iron oxide	IS 16993
70	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (Microfine OPC)	Ratio of percentage of lime to percentages of silica, alumina and iron oxide	IS 16993
71	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (Microfine OPC)	Tricalcium aluminate (as C3A)	IS 16993
72	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (GGBS)	Sulphide Sulphur (as S)	IS 4032
73	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (Granulated Slag)	Sulphide Sulphur (as S)	IS 4032
74	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (Microfine OPC)	Alumina	IS 4032
75	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (Microfine OPC)	Available alkali as Na ₂ O	IS 4032
76	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (Microfine OPC)	Calcium Oxide	IS 4032 (by Gravimetric method as Clause 4.7.1)
77	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (Microfine OPC)	Chloride content	IS 4032
78	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (Microfine OPC)	Insoluble Residue	IS 4032
79	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (Microfine OPC)	Iron Oxide	IS 4032 (volumetric method as per Clause 4.5.1)

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80	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (Microfine OPC)	Loss on Ignition	IS 4032
81	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (Microfine OPC)	Magnesia (as MgO)	IS 4032 (by Gravimetric method as Clause 4.8.1)
82	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (Microfine OPC)	Potassium Oxide	IS 4032
83	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (Microfine OPC)	Silica	IS 4032
84	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (Microfine OPC)	Sodium Oxide	IS 4032
85	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (Microfine OPC)	Sulphuric Anhydride	IS 4032
86	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Alumina	IS 4032
87	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Chloride content	IS 4032
88	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Silica	IS 4032
89	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Sulphuric Anhydride	IS 4032
90	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Available alkali as Na ₂ O	IS 4032
91	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Calcium Oxide	IS 4032 (by Gravimetric method as Clause 4.7.1)
92	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Insoluble Residue	IS 4032
93	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Iron Oxide	IS 4032 (volumetric method as per Clause 4.5.1)
94	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Loss on Ignition	IS 4032
95	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Magnesia (as MgO)	IS 4032 (by Gravimetric method as Clause 4.8.1)
96	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Potassium Oxide	IS 4032
97	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Ratio of percentage of alumina to that of iron oxide	IS 269 (Table 2)
98	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Ratio of percentage of lime to percentages of silica, alumina and iron oxide	IS 269 (Table 2)
99	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Sodium Oxide	IS 4032

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100	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Tricalcium aluminate (as C3A)	IS 269 (Table 2)
101	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Tricalcium silicate (as C3S)	IS 269 (Table 2)
102	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Alumina	IS 4032
103	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Available alkali as Na ₂ O	IS 4032
104	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Calcium Oxide	IS 4032 (by Gravimetric method as Clause 4.7.1)
105	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Chloride content	IS 4032
106	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Insoluble Residue	IS 4032
107	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Iron Oxide	IS 4032 (volumetric method as per Clause 4.5.1)
108	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Loss on Ignition	IS 4032
109	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Magnesia (as MgO)	IS 4032 (by Gravimetric method as Clause 4.8.1)
110	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Potassium Oxide	IS 4032
111	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Silica	IS 4032
112	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Sodium Oxide	IS 4032
113	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Sulphide Sulphur (as S)	IS 4032
114	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Sulphuric Anhydride	IS 4032
115	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Insoluble Residue	IS 4032
116	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Alumina	IS 4032
117	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Available alkali as Na ₂ O	IS 4032
118	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Calcium Oxide	IS 4032 (by Gravimetric method as Clause 4.7.1)
119	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Chloride content	IS 4032



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120	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Iron Oxide	IS 4032 (volumetric method as per Clause 4.5.1)
121	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Loss on Ignition	IS 4032
122	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Magnesia (as MgO)	IS 4032 (by Gravimetric method as Clause 4.8.1)
123	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Potassium Oxide	IS 4032
124	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Silica	IS 4032
125	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Sodium Oxide	IS 4032
126	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Sulphuric Anhydride	IS 4032
127	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Alumina	IS 4032
128	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Available alkali as Na ₂ O	IS 4032
129	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Calcium Oxide	IS 4032 (by Gravimetric method as Clause 4.7.1)
130	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Chloride content	IS 4032
131	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Insoluble Residue	IS 4032
132	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Iron Oxide	IS 4032 (volumetric method as per Clause 4.5.1)
133	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Loss on Ignition	IS 4032
134	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Magnesia (as MgO)	IS 4032 (by Gravimetric method as Clause 4.8.1)
135	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Potassium Oxide	IS 4032
136	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Silica	IS 4032
137	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Sodium Oxide	IS 4032
138	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Sulphide Sulphur (as S)	IS 4032
139	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Sulphuric Anhydride	IS 4032



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140	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (UGGBS)	Sulphide Sulphur (as S)	IS 4032
141	CHEMICAL- BUILDING MATERIAL	Micro Silica	Avialable alkali as Na ₂ O	IS 15388
142	CHEMICAL- BUILDING MATERIAL	Micro Silica	Loss on Ignition	IS 1727
143	CHEMICAL- BUILDING MATERIAL	Micro Silica	Moisture Content	IS 15388 (Table 1, Note 1)
144	CHEMICAL- BUILDING MATERIAL	Micro Silica	Potassium Oxide	IS 15388
145	CHEMICAL- BUILDING MATERIAL	Micro Silica	Silica	IS 1727
146	CHEMICAL- BUILDING MATERIAL	Micro Silica	Sodium Oxide	IS 15388
147	CHEMICAL- BUILDING MATERIAL	UGGBS	Alumina	IS 4032
148	CHEMICAL- BUILDING MATERIAL	UGGBS	Calcium Oxide	IS 4032 (by Gravimetric method as Clause 4.7.1):
149	CHEMICAL- BUILDING MATERIAL	UGGBS	Chloride content	IS 4032
150	CHEMICAL- BUILDING MATERIAL	UGGBS	Insoluble Residue	IS 4032
151	CHEMICAL- BUILDING MATERIAL	UGGBS	Iron Oxide	IS 4032 (by Gravimetric method as Clause 4.7.1)
152	CHEMICAL- BUILDING MATERIAL	UGGBS	Loss on Ignition	IS 4032
153	CHEMICAL- BUILDING MATERIAL	UGGBS	Magnesia (as MgO)	IS 4032 (by Gravimetric method as Clause 4.8.1)
154	CHEMICAL- BUILDING MATERIAL	UGGBS	Silica	IS 4032
155	CHEMICAL- BUILDING MATERIAL	UGGBS	Sulphuric Anhydride	IS 4032
156	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Strand/GI Pipe/ GI sheet/ GI wire/ GI structural Steel and other alloyed products	Mass of zinc coating	IS: 6745
157	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Iron	OTSPL/SOP-03
158	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Aloys	Chromium	ASTM E 1251-24
159	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Aloys	Copper	ASTM E 1251-24

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160	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Iron	ASTM E 1251-24
161	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Magnesium	ASTM E 1251-24
162	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Manganese	ASTM E 1251-24
163	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Nickel	ASTM E 1251-24
164	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Silicon	ASTM E 1251-24
165	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Titanium	ASTM E 1251-24
166	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Zinc	ASTM E 1251-24
167	CHEMICAL- METALS & ALLOYS	Carbon & Alloy steel	Nitrogen	IS 228 (Part 23)
168	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Aluminium	ASTM E 415
169	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Carbon	ASTM E 415
170	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Carbon Equivalent	IS 1786 (By calculation)
171	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Carbon Equivalent	IS 2062
172	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Chromium	ASTM E 415
173	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Copper	ASTM E 415
174	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Manganese	ASTM E 415
175	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Molybdenum	ASTM E 415
176	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Nickel	ASTM E 415
177	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Nitrogen	ASTM E 415
178	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Phosphorus	ASTM E 415
179	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Silicon	ASTM E 415



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180	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Sulphur	ASTM E 415
181	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Sulphur + Phosphorus	IS 1786 (By Calculation)
182	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Vanadium	ASTM E 415
183	CHEMICAL- METALS & ALLOYS	Carbon Steel (Plain Carbon Steel, Low carbon Steel, Mild Steel)	Carbon	IS 228 : (Part 1)
184	CHEMICAL- METALS & ALLOYS	Carbon Steel (Plain Carbon Steel, Low carbon Steel, Mild Steel)	Chromium	IS 228 : (Part 6)
185	CHEMICAL- METALS & ALLOYS	Carbon Steel (Plain Carbon Steel, Low carbon Steel, Mild Steel)	Manganese	IS 228 : (Part 2)
186	CHEMICAL- METALS & ALLOYS	Carbon Steel (Plain Carbon Steel, Low carbon Steel, Mild Steel)	Nickel	IS 228 : (Part 5)
187	CHEMICAL- METALS & ALLOYS	Carbon Steel (Plain Carbon Steel, Low carbon Steel, Mild Steel)	Phosphorus	IS 228 : (Part 3)
188	CHEMICAL- METALS & ALLOYS	Carbon Steel (Plain Carbon Steel, Low carbon Steel, Mild Steel)	Silicon	IS 228 : (Part 8)
189	CHEMICAL- METALS & ALLOYS	Carbon Steel (Plain Carbon Steel, Low carbon Steel, Mild Steel)	Sulphur	IS 228 : (Part 9)
190	CHEMICAL- METALS & ALLOYS	Cast iron & pig iron	Carbon	IS 12308 : (Part 11)
191	CHEMICAL- METALS & ALLOYS	Cast iron & pig iron	Chromium	IS 12308 : (Part 8)
192	CHEMICAL- METALS & ALLOYS	Cast iron & pig iron	Manganese	IS 12308 : (Part 10)
193	CHEMICAL- METALS & ALLOYS	Cast iron & pig iron	Nickel	IS 12308 : (Part 7)
194	CHEMICAL- METALS & ALLOYS	Cast iron & pig iron	Phosphorous	IS 12308 : (Part 5)
195	CHEMICAL- METALS & ALLOYS	Cast iron & pig iron	Silicon	IS 12308 : (Part 6)
196	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Aluminium (as Al)	BS EN 15079
197	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Antimony (as Sb)	BS EN 15079
198	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Arsenic (as As)	BS EN 15079
199	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Bismuth (as Bi)	BS EN 15079



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200	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Iron (as Fe)	BS EN 15079
201	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Lead (as Pb)	BS EN 15079
202	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Manganese (as Mn)	BS EN 15079
203	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Nickel (as Ni)	BS EN 15079
204	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Phosphorus (as P)	BS EN 15079
205	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Silicon (as Si)	BS EN 15079
206	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Silver (as Ag)	BS EN 15079
207	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Tin (as Sn)	BS EN 15079
208	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Zinc	BS EN 15079
209	CHEMICAL- METALS & ALLOYS	High alloy steel/ Stainless Steel	Carbon	IS 228 (Part 1)
210	CHEMICAL- METALS & ALLOYS	High alloy steel/ Stainless Steel	Chromium	IS 228 (Part 6)
211	CHEMICAL- METALS & ALLOYS	High alloy steel/ Stainless Steel	Manganese	IS 228 (Part 2)
212	CHEMICAL- METALS & ALLOYS	High alloy steel/ Stainless Steel	Molybdenum	IS 228 (Part 7)
213	CHEMICAL- METALS & ALLOYS	High alloy steel/ Stainless Steel	Nickel	IS 228 (Part 5)
214	CHEMICAL- METALS & ALLOYS	High alloy steel/ Stainless Steel	Phosphorous	IS 228 (Part 3)
215	CHEMICAL- METALS & ALLOYS	High alloy steel/ Stainless Steel	Silicon	IS 228 (Part 8)
216	CHEMICAL- METALS & ALLOYS	High alloy steel/ Stainless Steel	Sulphur	IS 228 (Part 9)
217	CHEMICAL- METALS & ALLOYS	Plain Carbon & Alloy Steels	Phosphorus	OTSPL/SOP-03
218	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Aluminium	IS 8811
219	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Carbon	IS 8811



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220	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Chromium	IS 8811
221	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Copper	IS 8811
222	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Manganese	IS 8811
223	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Molybdenum	IS 8811
224	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Nickel	IS 8811
225	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Phosphorus	IS 8811
226	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Silicon	IS 8811
227	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Sulphur	IS 8811
228	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloy Steels	Vanadium	IS 8811
229	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	ASTM E 1086-22
230	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	ASTM E 1086-22
231	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper	ASTM E 1086-22
232	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	ASTM E 1086-22
233	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	ASTM E 1086-22
234	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	ASTM E 1086-22
235	CHEMICAL- METALS & ALLOYS	Stainless steel	Nitrogen	IS 228 (Part 23)
236	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorus	ASTM E 1086-22
237	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	ASTM E 1086-22
238	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur	ASTM E 1086-22
239	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium & Aluminium Alloy Products	% Elongation	ASTM B 557-15

This is annexure to 'Certificate of Accreditation' and does not require any signature.



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240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium & Aluminium Alloy Products	% Elongation	IS 1608 : (Part 1)
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium & Aluminium Alloy Products	0.2% Proof Stress	ASTM B 557-15
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium & Aluminium Alloy Products	0.2% Proof Stress	IS 1608 : (Part 1)
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium & Aluminium Alloy Products	Rockwell Hardness (HRB)	IS 1586 : (Part 1)
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium & Aluminium Alloy Products	Tensile Strength	ASTM B 557-15
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium & Aluminium Alloy Products	Tensile Strength	IS 1608 : (Part 1)
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	copper material and alloy products	% Elongation	IS 1608 : (Part 1)
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	copper material and alloy products	Tensile Strength	IS 1608 : (Part 1)
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous metal welded coupons	All Weld Tensile Strength Butt Weld	AWS B4.0
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous metal welded coupons	All Weld Tensile Test (% Elongation)	IS 1608 (Part 01)
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous metal welded coupons	All Weld Tensile Test (% Elongation) Butt Weld	AWS B4.0
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous metal welded coupons	All Weld Tensile Test (% Reduction Area)	IS 1608 (Part 01)
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous metal welded coupons	All Weld Tensile Test (% Reduction Area) Weld	AWS B4.0
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous metal welded coupons	All Weld Tensile Test (0.2% Proof Stress)	IS 1608 : (Part 01)



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254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous metal welded coupons	All Weld Tensile Test (Tensile Strength)	IS 1608 (Part 01)
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous metal welded coupons	All Weld Tensile Test (Yield Strength) Butt Weld	AWS B4.0
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous metal welded coupons	All Weld Tensile Test (Yield Strength)	IS 1608 (Part 01)
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous metal welded coupons	Hardness Test (HRBW)	IS 1586 : (Part 01)
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous metal welded coupons	Transverse Tensile Strength on Butt Weld Joint	AWS B4.0
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous metal welded coupons	Transverse Tensile Strength	IS 3600 : (Part 03)
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous metal welded coupons	Transverse Tensile Strength	ISO 4136 : (Part 03)
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products	Dimension (depth)	OTSPL/SOP-01
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products	Dimension (Length)	OTSPL/SOP-01
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products	Dimension (width)	OTSPL/SOP-01
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products	Dimension(Diameter)	OTSPL/SOP-01
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products	Dimension(Thickness)	OTSPL/SOP-01
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products	Hardness Test (HRBW)	IS 1586 : (Part 01)
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products	Hardness Test (HRC)	IS 1586 : (Part 1)



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268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products	Impact TEST - CHARPY (V Notch) @ -50 °C to Ambient	IS 1757 : (Part 01)
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products	Impact TEST - CHARPY (V Notch) @ -50 °C to Ambient	ISO 148 : (Part 01)
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products	Mass	OTSPL/SOP-01
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (BOLT, SCREW, STUD, FASTENERS)	% Elongation	IS 1608 : (Part 01)
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (BOLT,SCREW,STUD,FASTENERS)	% Elongation	ISO 6892 : (Part 01)
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (BOLT,SCREW,STUD,FASTENERS)	% Reduction in Area	IS 1608 : (Part 01)
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (BOLT,SCREW,STUD,FASTENERS)	%Elongation	ASTM A 370
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (BOLT,SCREW,STUD,FASTENERS)	0.2 % Proof Stress	IS 1608 : (Part 01)
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (BOLT,SCREW,STUD,FASTENERS)	0.2 % Proof Stress	ISO 6892 : (Part 01)
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (BOLT,SCREW,STUD,FASTENERS)	Proof Load Test	IS 1367 (Part 03)
278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (BOLT,SCREW,STUD,FASTENERS)	Shear Strength	IS 5242
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (BOLT,SCREW,STUD,FASTENERS)	Ultimate Tensile Load	IS 1608 : (Part 01)
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (BOLT,SCREW,STUD,FASTENERS)	Ultimate Tensile Load	ISO 6892 : (Part 01)
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (BOLT,SCREW,STUD,FASTENERS)	Ultimate Tensile Strength	ASTM A 370



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282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (BOLT,SCREW,STUD,FASTENERS)	Ultimate Tensile Strength	IS 1608 : (Part 01)
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (BOLT,SCREW,STUD,FASTENERS)	Ultimate Tensile Strength	ISO 6892 : (Part 01)
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (BOLT,SCREW,STUD,FASTENERS)	Yeild Stress	ASTM A 370
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (BOLT,SCREW,STUD,FASTENERS)	Yeild Stress	IS 1608 : (Part 01)
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (BOLT,SCREW,STUD,FASTENERS)	Yeild Stress	ISO 6892 : (Part 01)
287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (NUT)	Proof Load Test	IS 1367 : (Part 06)
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (pipe and tube)	Bend Test	IS 2329
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (pipe and tube)	Flattening test	IS 2328
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products (pipes & tubes)	Dimension (Outside Diameter)	IS 1239 : (Part 1)
291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products (pipes & tubes)	Dimension(Thickness)	IS 1239 : (Part 1)
292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products (pipes & tubes)	Mass	IS 1239 : (Part 1)
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (Reinforced couplers for mechanical splicing of bars in concrete)	Location of Faliure	IS 16172 (Annex B)
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (Reinforced couplers for mechanical splicing of bars in concrete)	Slip across the mechanical splice	IS 16172 (Annex C)
295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (Reinforced couplers for mechanical splicing of bars in concrete)	Static Tensile Strength	IS 1608 : (Part 01)



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296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (Reinforced couplers for mechanical splicing of bars in concrete)	Total % Elongation	IS 1608 : (Part 01)
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (structural steel)	Tensile Strength	ASTM A 370
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (structural steel)	Tensile Strength	IS 1608 : (Part 01)
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (structural steel)	Tensile Strength	ISO 6892 : (Part 01)
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (structural steel)	% Elongation	IS 1608 : (Part 01)
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (structural steel)	%Elongation	ASTM A 370
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (structural steel)	%Elongation	ASTM E8/E8M
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (structural steel)	%Elongation	ISO 6892 : (Part 01)
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (structural steel)	Reduction in Area	IS 1608 : (Part 01)
305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (structural steel)	Yield Stress	ASTM A 370
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (structural steel)	Yield Stress	IS 1608 : (Part 01)
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (structural steel)	Yield Stress	ISO 6892 : (Part 01)
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products(Beam, column, channel, angle)	Dimension (depth)	IS 808
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products(Beam, column, channel, angle)	Dimension (Length)	IS 808



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310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products(Beam, column, channel, angle)	Dimension (width)	IS 808
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products(Beam, column, channel, angle)	Dimension(Thickness)	IS 808
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products(Beam, column, channel, angle)	Mass	IS 808
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products(Hollow steel section)	Dimension (depth)	IS 4923
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products(Hollow steel section)	Dimension (width)	IS 4923
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products(Hollow steel section)	Dimension(Thickness)	IS 4923
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products(Hollow steel section)	Weight	IS 4923
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products(plate, strip, sheet, flat)	Dimension(Thickness)	IS 1730
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products(Round steel bar)	Dimension(Diameter)	IS 1732
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy products(Square steel bar)	Dimension(side width)	IS 1732
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materialsand Alloy Products (BOLT, SCREW, STUD, FASTENERS)	Reduction of area	ASTM A370
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materialsand Alloy Products (structural steel)	Bend test	IS 1599
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materialsand Alloy Products (structural steel)	Reduction of Area	ASTM E8/E8M
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materialsand Alloy Products (structural steel)	Tensile Strength	ASTM E8/E8M



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324	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials and Alloy Products (structural steel)	Yield Stress	ASTM E8/E8M
325	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Metal welded coupons	Bend (Root Bend, Face Bend, Side Bend)	ASME BPVC Section IX
326	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous metal welded coupons	Hardness Test (HRC)	IS 1586 : (Part 01)
327	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous metal welded coupons	Impact Test - Charpy (V Notch) @ -50 °C to Ambient	IS 1757 : (Part 1)
328	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Metal welded coupons	Impact TEST -Test Specimen Location, Notch orientation and examination	IS 3600 : (Part 02)
329	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Metal welded coupons	Impact TEST-Charpy (V Notch) @ -50 °C to Ambient	ISO 148 (Part 01)
330	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Metal welded coupons	Longitudinal Bend (Root Bend, Face Bend, Side Bend)	AWS B4.0
331	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Metal welded coupons	Longitudinal Root and Face Bend on Butt Weld	IS 3600 : (Part 07)
332	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Metal welded coupons	Tensile Strength	ASME BPVC Section IX
333	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Metal welded coupons	Transverse (Root, Face, Side Bend) on Butt Weld	IS 3600: (Part 05)
334	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous metal welded coupons	Transverse (Root, Face, Side Bend) on Butt Weld	ISO 5173
335	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Metal welded coupons	Transverse Bend (Root Bend, Face Bend, Side Bend)	AWS B4.0
336	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Dimension (depth)	OTSPL/SOP-01
337	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Dimension (Length)	OTSPL/SOP-01



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338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Dimension (width)	OTSPL/SOP-01
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Dimension(Diameter)	OTSPL/SOP-01
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Dimension(Thickness)	OTSPL/SOP-01
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Mass	OTSPL/SOP-01
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing strand	Mass Per Meter	IS 6006
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing strand	% Total Elongation	IS 6006
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing strand	0.2 % Proof Load	IS 1608 : (Part 1)
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing strand	0.2% Proof Load	IS 1608 : (Part 1)
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing strand	Breaking Load	IS 1608 : (Part 1)
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing strand	Breaking Load	IS 1608 : (Part 1)
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing strand	Dimension (Diameter)	IS 14268
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing strand	Dimension (Diameter)	IS 6006
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing strand	Length of Lay	IS 14268
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing strand	Length of Lay	IS 6006



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352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing strand	Mass Per unit Length	IS 14268
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing strand	Nominal Area	IS 14268
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing strand	Nominal Area	IS 6006
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing strand	Percentage Difference in Diameter of Center wire and Surroundings Wires	IS 14268
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing strand	Tensile Strength	IS 1608 : (Part 1)
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pre-stressing strand	Total Elongation	IS 14268
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	% Elongation	ASTM A 370-24a
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	% Elongation	IS 1608 : (Part 1)
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	% Elongation	ISO 6892 (Part 1)
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	0.2% Proof Stress	ASTM A 370-24a
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	0.2% Proof Stress	IS 1608 : (Part 1)
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	0.2% Proof Stress	ISO 6892 (Part 1)
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Bend Test	IS 1599
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Bend Test	ISO 7438



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366	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Mean area rib per unit length	IS 1786
367	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Re-bend Test	IS 1786
368	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Re-bend Test	ISO 15630-1
369	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Tensile Strength	ASTM A 370-24a
370	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Tensile Strength	IS 1608 : (Part 1)
371	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Tensile Strength	ISO 6892 (Part 1)
372	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Total Elongation	IS 1608 : (Part 1)
373	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Total Elongation	ISO 6892 (Part 1)
374	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	TS/YS	IS 1786
375	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Weight per Meter	IS 16651
376	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Weight per Meter	IS 1786
377	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Weight per Meter	ISO 15630-1
378	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Yield Stress	ASTM A 370-24a
379	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Yield Stress	IS 1608 : (Part 1)



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380	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rebar)	Yield Stress	ISO 6892 (Part 1)
381	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Adhesive Bonds	Peel or Stripping Strength	ASTM D903 -98
382	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated Polyvinyl Chloride (CPVC) Pipes	Visual appearance	IS 15778 (Clause 9.1)
383	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Corrugated HDPE Sheathing Duct	Transverse Load Rating Test	IRC: 18 (Appendix 1A)
384	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Corrugated HDPE Sheathing Duct	Transverse Load Rating Test	IS 1343 (Annex B, Clause B-3.2)
385	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Corrugated HDPE Sheathing Duct	Water loss Test	IRC: 18 (Appendix 1A)
386	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Corrugated HDPE Sheathing Duct	Water loss Test	IS 1343 (Annex B), Clause B-3.4)
387	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Corrugated HDPE Sheathing Duct	Workability Test	IRC: 18 (Appendix 1A)
388	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Corrugated HDPE Sheathing Duct	Workability Test	IS 1343 (Annex B), Clause B-3.1)
389	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Corrugated HDPE Sheathing Duct	Workability Test	MORT&H 5th Rev, Sec 1800
390	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	CPVC	Visual appearance	IS 16088 (Cluse 9.1)
391	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Membrane	Resistance to Puncture	ASTM E154/E154M-08a(Clause-10)
392	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Geomembrane for Lining	Average Core Thickness	IS 16352 (Annex-K)
393	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Geomembrane for Lining	Index Puncture Resistance	IS 16352 (Annex-D)
394	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Geomembrane for Lining	Tear Resistance	IS 16352 (Annex-C)
395	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Geomembrane for Lining	Tensile Break Strength	IS 16352 (Annex-B)
396	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Geomembrane for Lining	Tensile Yield Strength	IS 16352 (Annex-B)
397	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene materials	Base Density	IS 7328 (clause 5.4.7)
398	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Geomembrane for Lining	Thickness	IS 13162 (Part-3),Method-A
399	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Non Celluler plastic	Density (Immersion method)	IS 13360 (Part 3 ,Sec 10)

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400	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Non Celluler plastic	Density (Liquid pycnometer method)	IS 13360 (Part 3 Sec 10)
401	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Non-ecular Plastic	Density	ISO 1183-1
402	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Products	Shore Hardness (Shore-A)	IS 13360 (Part 5/Sec 11)
403	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Products	Shore Hardness (Shore-D)	IS 13360 (Part 5/Sec 11)
404	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Products	Tensile Strength	IS 13360 (Part 5/Sec 1) & (Part 5/Sec 3)
405	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Products	Tensile Strength	IS13360 (Part 5/Sec 1) & (Part 5/Sec 2)
406	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes	Dimension - Mean outside diameter	IS 4984 (Clause no 7.4.1.1)
407	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes	Dimension - Ovality	IS 4984 (Clause no 7.4.1.2)
408	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes	Dimension - Wall thickness	IS 4984 (Clause no 7.4.1.1)
409	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes	Longitudinal Reversion test	IS:4984 (Annex- F)
410	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes	Tensile Properties (Yield Strength)	IS 4984 (Annex-H): 2016 ,Amend no 2, Clause no 8.9
411	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes	Visual appearance	IS 14333 (Clause no 7.1)
412	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes	Visual appearance	IS 4984 (Clause no 7.1)
413	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Carbon Black Content	IS 2508(Annex-B)
414	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Index Puncture Resistance	IS 2508(Annex-E)
415	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Nominal Thickness	IS 2508(Annex-C)
416	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Tear Resistance	IS 2508(Annex-D)
417	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene moulding materials and polyethylene compounds	Carbon Black Content	IS 2530 (Clause no 10)
418	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene moulding materials and polyethylene compounds	Melt Flow index	IS 2530 (Clause no 7)
419	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes	Internal Pressure creep rupture test	IS 4984 (Annex-E)



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420	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene-Random copolymer pipes	Visual appearance	IS 15801
421	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene-Random copolymer pipes	Dimension- Outside Diameter	IS 15801 (Clause 7.3.1)
422	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene-Random copolymer pipes	Dimension- Ovality	IS 15801 (Clause 7.3.2)
423	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene-Random copolymer pipes	Dimension- Wall thickness	IS 15801 (Clause 7.3.1)
424	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrane for Lining	Behaviour During Perforation(Static Puncture Test)	IS 16078
425	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrane for Lining	Change of dimension after heating at 70 °C for 2 hours	IS 15909(Annex-R)
426	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrane for Lining	Cold Crack Resistance at low Temperature (10 to -45)	IS 15909(Annex-D)
427	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrane for Lining	Dimension Stability at 80°C for 6 hours	IS 15909(Annex-Q)
428	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrane for Lining	Index Puncture Resistance	IS 15909(Annex-C)
429	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrane for Lining	Low Temperature Crack Resistance	IS 15909(Annex-D)
430	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrane for Lining	Seam Strength	IS 15909(Annex-F)
431	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrane for Lining	Specific gravity	IS 2076 (Method-A),Appendix-A
432	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrane for Lining	Strength of Weld Seam shear Resistance	IS 15909(Annex-T)
433	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrane for Lining	Tear Propagation strength	IS 15909(Annex-M)
434	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrane for Lining	Tear Resistance	IS 15909(Annex-B)
435	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrane for Lining	Tensile Strength	IS 15909(Annex-L)
436	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrane for Lining	Tensile Strength	IS 2076 (Appendix-B)
437	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrane for Lining	Thickness	IS 3464 (Clause 3.2)
438	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrane for Lining	Thickness at 20 kPa Pressure	IS 13162 (Part-3),Method-A
439	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geomembrane for Lining	Water extraction, Percent loss in weight	IS 15909(Annex-H)

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440	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Plain conduit Pipes	Compression Test	IS 9537 (Part 1) (Clause 6)/ IS 9537 (Part 3)
441	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Plain conduit Pipes	Construction of pipe (Visual Inspection)	IS 9537 (Part 1, Clause 6)
442	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Plain conduit Pipes	Marking of pipes (Visual Inspection)	IS 9537 (Part 1, Clause 6) / IS 9537 (Part 3)
443	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Plain conduit Pipes	Uniformity of wall Thickness	IS 9537 (Part 3)
444	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Plastic Pipe	Flattening Test	ASTM D 1785 -21a (Clause no 8.6)
445	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC WATER-STOPS	Water Absorption	IS 15058 (Annex A)
446	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Screen and Casing Pipe for Bore/Tubewells	Visual appearance	IS 12818
447	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Structured-Wall Plastics Pipe	Apperance	IS 16098 (Pt 2) (Clause 7.1)
448	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic Elastomer	Tensile Strength	ASTM D 412
449	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTIC Materials	Melt Flow Rate	IS 13360 (Part 4 / Sec 1)
450	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTIC Materials	Vicat Softening Temperature	IS 13360 (Part 6/See 1)
451	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic Pipe and Fittings	Out side diameter	ASTM D2122 (Clause 7)
452	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic Pipe and Fittings	Wall thickness	ASTM D2122 (Clause 8)
453	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTICS PIPES AND FITTINGS	Density	IS 12235 (Part 14)
454	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTICS PIPES AND FITTINGS	Diameter	IS 12235 : (Part 1)
455	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTICS PIPES AND FITTINGS	Flattening Test	IS 12235 : (Part 19)
456	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTICS PIPES AND FITTINGS	Internal Hydrostatic Pressure Test	IS 12235 (Part 8, Sec 1)
457	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTICS PIPES AND FITTINGS	Opacity	IS 12235 : (Part 3)
458	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTICS PIPES AND FITTINGS	Resistance to external Blows(Impact Resistance) at 0°C (Round-the-clock Metohd)	IS 12235 (Part 9)
459	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTICS PIPES AND FITTINGS	Resistance to sulphuric acid	IS 12235 (Part 7)

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460	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTICS PIPES AND FITTINGS	Reversion test	IS 12235 : (Part 5 / Sec 1 & Sec 2)
461	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTICS PIPES AND FITTINGS	Tensile Strength	IS 12235 : (Part 13)
462	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTICS PIPES AND FITTINGS	Thickness	IS 12235 : (Part 1)
463	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTICS PIPES AND FITTINGS	Vicat Softening Temperature	IS 12235 (Part 2)
464	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized non-Pressure Polyvinyl Chloride (PVC-U) Pipes	Resistance to external Blows(Impact Resistance) at 0°C (Round-the-clock Method)	IS 15328(Annex-B)
465	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized non-Pressure Polyvinyl Chloride (PVC-U) Pipes	Visual appearance	IS 15328 (Clause 7.1)
466	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride Pipes	Axial Shrinkage	IS 13592 (Annex B)
467	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes	Resistance to External Blows at 0°C	IS 4985 (Annex-C)
468	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes	Sulphated Ash content	IS 4985 (Annex-B)
469	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes	Visual appearance	IS 4985 (Clause 10.1)
470	MECHANICAL- TEXTILE MATERIALS	APP modified Bituminous membrane	Puncture Resistance	IS 16532 (Annex-C)
471	MECHANICAL- TEXTILE MATERIALS	APP modified membrane / Bitumen felt membrane	Breaking Strength	IS 13826 : (Part 1)
472	MECHANICAL- TEXTILE MATERIALS	APP modified membrane / Bitumen felt membrane	Cold temperature pliability test	IS 13826 : (Part 2)
473	MECHANICAL- TEXTILE MATERIALS	APP modified membrane / Bitumen felt membrane	Heat Resistance Capacity	IS 13826 : (Part 5)
474	MECHANICAL- TEXTILE MATERIALS	APP modified membrane / Bitumen felt membrane	Mass per unit area	IS 16532 (Annex-B) (Clause-B-2)
475	MECHANICAL- TEXTILE MATERIALS	APP modified membrane / Bitumen felt membrane	Thickness	IS: 16532 Measurement(Using digital vernier)
476	MECHANICAL- TEXTILE MATERIALS	APP modified membrane / Bitumen felt membrane	Water Absorption	IS 13826 : (Part 6)
477	MECHANICAL- TEXTILE MATERIALS	Fabrics Textile	Mass Per Unit Area	IS 1964 (Method -A)
478	MECHANICAL- TEXTILE MATERIALS	Fabric Textile	Threads Per Unit Length	IS 1963 (Method B)
479	MECHANICAL- TEXTILE MATERIALS	Geo Cell	Seam peel Strength	ISO 13426 (Part 01)

This is annexure to 'Certificate of Accreditation' and does not require any signature.



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Accreditation Standard

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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
480	MECHANICAL- TEXTILE MATERIALS	Geo Cell	Seam peel Strength	IS 17369 : (Part 1)
481	MECHANICAL- TEXTILE MATERIALS	Geogrid	% of Elongation at Failure for multi Rib	ASTM D 6637
482	MECHANICAL- TEXTILE MATERIALS	Geogrid	% of Elongation at Failure for multi Rib	IS 16474
483	MECHANICAL- TEXTILE MATERIALS	Geogrid	% of Elongation at Failure for single Rib	ASTM D 6637
484	MECHANICAL- TEXTILE MATERIALS	Geogrid	% of Elongation at Failure for single Rib	IS 16474
485	MECHANICAL- TEXTILE MATERIALS	Geogrid	Tensile strength at 2% Strain	ASTM D 6637
486	MECHANICAL- TEXTILE MATERIALS	Geogrid	Tensile strength at 2% Strain	IS 16474
487	MECHANICAL- TEXTILE MATERIALS	Geogrid	Tensile strength at 2% Strain	IS 16635
488	MECHANICAL- TEXTILE MATERIALS	Geogrid	Tensile strength at 5% Strain	ASTM D 6637
489	MECHANICAL- TEXTILE MATERIALS	Geogrid	Tensile strength at 5% Strain	IS 16474
490	MECHANICAL- TEXTILE MATERIALS	Geogrid	Tensile strength at 5% Strain	IS 16635
491	MECHANICAL- TEXTILE MATERIALS	Geogrid	Tensile Strength by multi rib method (Equivalent force per unit width)	ASTM D 6637
492	MECHANICAL- TEXTILE MATERIALS	Geogrid	Tensile Strength by Single Rib method	IS 16474
493	MECHANICAL- TEXTILE MATERIALS	Geogrid	Tensile Strength by Single rib method (Equivalent force per unit width)	ASTM D 6637
494	MECHANICAL- TEXTILE MATERIALS	Geogrid	Ultimate Tensile Strength by multi Rib method	IS 16474
495	MECHANICAL- TEXTILE MATERIALS	Geosynthetics	% of Elongation	IS 16477
496	MECHANICAL- TEXTILE MATERIALS	Geosynthetics	Index Puncture Resistance	IS 16348
497	MECHANICAL- TEXTILE MATERIALS	Geosynthetics	Static puncture Strength(CBR Push through)	IS 16078
498	MECHANICAL- TEXTILE MATERIALS	Geosynthetics	Static puncture Strength(CBR Push through)	ISO 12236



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499	MECHANICAL- TEXTILE MATERIALS	Geosynthetics	Thickness (at 20 kPa)	ASTM D5199
500	MECHANICAL- TEXTILE MATERIALS	Geosynthetics	Thickness (at 200 kPa)	ASTM D5199
501	MECHANICAL- TEXTILE MATERIALS	Geosynthetics	Thickness (at 2kPa)	ASTM D5199
502	MECHANICAL- TEXTILE MATERIALS	Geosynthetics	Wide strip Tensile	IS 16477
503	MECHANICAL- TEXTILE MATERIALS	Geosynthetics (Polymeric Strip)	Ultimate Tensile Strength	IS 16635
504	MECHANICAL- TEXTILE MATERIALS	Geosynthetics (Polymeric Strip)	Ultimate Tensile Strength	ISO 10319
505	MECHANICAL- TEXTILE MATERIALS	Geotextile	Apparent Opening Size	ASTM D 4751
506	MECHANICAL- TEXTILE MATERIALS	Geotextile	Apparent Opening Size	IS 14294
507	MECHANICAL- TEXTILE MATERIALS	Geotextile	Elongation	ASTM D 4632 (15a)
508	MECHANICAL- TEXTILE MATERIALS	Geotextile	Elongation	IS 16342
509	MECHANICAL- TEXTILE MATERIALS	Geotextile	Grab Braking Load	ASTM D 4632 (15a)
510	MECHANICAL- TEXTILE MATERIALS	Geotextile	Grab Braking Load	IS 16342
511	MECHANICAL- TEXTILE MATERIALS	Geotextile	Mass per unit area	ASTM D 5261
512	MECHANICAL- TEXTILE MATERIALS	Geotextile	Puncture resistance by falling cone method	IS 13162 : (Part 4)
513	MECHANICAL- TEXTILE MATERIALS	Geotextile	Trapezoid Tearing	ASTM D 4533 (M-15)
514	MECHANICAL- TEXTILE MATERIALS	Geotextile	Trapezoid Tearing	IS 14293
515	MECHANICAL- TEXTILE MATERIALS	Geotextile (Woven fabrics,Non-Woven fabrics,layered fabrics,knit fabric and felt)	% of Elongation	ASTM D 4595
516	MECHANICAL- TEXTILE MATERIALS	Geotextile (Woven fabrics,Non-Woven fabrics,layered fabrics,knit fabric and felt)	Wide Width Strip Tensile Strength	ASTM D 4595
517	MECHANICAL- TEXTILE MATERIALS	Geotextile and geotextile related products	Mass per unit area	EN ISO 9864
518	MECHANICAL- TEXTILE MATERIALS	Geotextile and geotextile related products	Mass per unit area	IS 14716



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519	MECHANICAL- TEXTILE MATERIALS	Geotextile and geotextile related products	Static puncture Strength(CBR Push through)	ASTM D 6241
520	MECHANICAL- TEXTILE MATERIALS	Jute Fabric	Seam Strength	IS 9030
521	MECHANICAL- TEXTILE MATERIALS	Non woven Geotextile	Elongation at break by strip method	ISO: 9073-3
522	MECHANICAL- TEXTILE MATERIALS	Non woven Geotextile	Mass per unit area	ISO: 9073-1
523	MECHANICAL- TEXTILE MATERIALS	Non woven Geotextile	Tensile strength by strip method	ISO: 9073-3
524	MECHANICAL- TEXTILE MATERIALS	Textile Fabric	Burst Strength by Diaphragm Bursting	IS 1966 : (Part 1)
525	MECHANICAL- TEXTILE MATERIALS	Textile Fabric	Burst Strength by Diaphragm Bursting	ISO 13938 : (Part 01)
526	MECHANICAL- TEXTILE MATERIALS	Textile Fabric	Elongation at maximum force of textile fabrics using grap method	IS 1969 : (Part 2)
527	MECHANICAL- TEXTILE MATERIALS	Textile Fabric	Elongation at maximum force of textile fabrics using grap method	ISO 13934 : (Part 2)
528	MECHANICAL- TEXTILE MATERIALS	Textile Fabric	Elongation at maximum force of textile fabrics using strip method	IS 1969 : (Part 1)
529	MECHANICAL- TEXTILE MATERIALS	Textile Fabric	Elongation at maximum force of textile fabrics using strip method	ISO 13934 : (Part 1)
530	MECHANICAL- TEXTILE MATERIALS	Textile Fabric	Maximum Force using grap method	IS 1969 :(Part 2)
531	MECHANICAL- TEXTILE MATERIALS	Textile Fabric	Maximum Force using grap method	ISO 13934 : (Part 2)
532	MECHANICAL- TEXTILE MATERIALS	Textile Fabric	Maximum Force using strip method	IS 1969 : (Part 1)
533	MECHANICAL- TEXTILE MATERIALS	Textile Fabric	Maximum Force using strip method	ISO 13934 : (Part 1)
534	MECHANICAL- TEXTILE MATERIALS	Textile Fabric (Nowoven)	Elongation at maximum force	IS 15891 : (Part 3)
535	MECHANICAL- TEXTILE MATERIALS	Textile Fabric (Nowoven)	Maximum Force	IS 15891 : (Part 3)
536	MECHANICAL- TEXTILE MATERIALS	Woven Fabric	Mass per unit area	ASTM D 3776 (M-20)



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537	MECHANICAL- TEXTILE MATERIALS	Woven textile,Nonwoven textile,geocomposite,Knitted geotextile,geonet,geogrid & similar open-structure geotextile	% of Elongation	ISO 10319
538	MECHANICAL- TEXTILE MATERIALS	Woven textile,Nonwoven textile,geocomposite,Knitted geotextile,geonet,geogrid & similar open-structure geotextile	% of Elongation at Failure for Wide width tensile	IS 16635
539	MECHANICAL- TEXTILE MATERIALS	Woven textile,Nonwoven textile,geocomposite,Knitted geotextile,geonet,geogrid & similar open-structure geotextile	Wide Width Tensile Strength	ISO 10319
540	MECHANICAL- TEXTILE MATERIALS	Woven textile,Nonwoven textile,geocomposite,Knitted geotextile,geonet,geogrid & similar open-structure geotextile	Wide With Tensile Strength	IS 16635