National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : IDEAL TESTING AND CONSULTANCY, FP NO. 127, GOTA OGNAJ ROAD, GOTA, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard 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
Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Content	IS 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH Value	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, SRPC, PSC)	Alkali Content as Na2O Equivalent	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, SRPC, PSC)	Aluminum Oxide	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, SRPC, PSC)	Calcium Oxide	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, SRPC, PSC)	Chloride	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, SRPC, PSC)	Insoluble Residue	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, SRPC, PSC)	Iron Oxide	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, SRPC, PSC)	Loss on Ignition	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, SRPC, PSC)	Magnesium Oxide	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, SRPC, PSC)	Ratio of percentage of alumina to that of iron oxide	IS 269
15	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, SRPC, PSC)	Ratio of percentage of lime to percentages of silica, alumina and iron oxide	IS 269
16	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, SRPC, PSC)	Silica	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, SRPC, PSC)	Sulfuric Anhydride	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Cement Concrete and Mortar (Fresh & Hardened)	Determination of chloride content	BS 1881 (Part–124)

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19	CHEMICAL- BUILDING MATERIAL	Cement Concrete and Mortar (Fresh & Hardened)	Determination of Sulphate Content	BS 1881 (Part-124)
20	CHEMICAL- BUILDING MATERIAL	Cement Concrete and Mortar (Fresh & Hardened)	Determination of Sulphate Content	IS 2317
21	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alkali Content as Na2O Equivalent	IS 3812, Part-1
22	CHEMICAL- BUILDING MATERIAL	Fly Ash	Aluminum Oxide	IS 1727
23	CHEMICAL- BUILDING MATERIAL	Fly Ash	Aluminum Oxide and Iron Oxide	IS 1727
24	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium Oxide	IS 1727
25	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chloride	IS 4032
26	CHEMICAL- BUILDING MATERIAL	Fly Ash	Insoluble Residue	IS 1727
27	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on Ignition	IS 1727
28	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesium Oxide	IS 1727
29	CHEMICAL- BUILDING MATERIAL	Fly Ash	Reactive Silica	IS 3812 Part-1
30	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica	IS 1727
31	CHEMICAL- BUILDING MATERIAL	Fly Ash	Total Sulphur as SO3	IS 1727
32	CHEMICAL- BUILDING MATERIAL	Rock, Stone, Coarse and Fine Aggregate	Acid Soluble Chloride	BS EN 1744-5
33	CHEMICAL- BUILDING MATERIAL	Rock, Stone, Coarse and Fine Aggregate	Alkali Reactivity of Aggregate - (Reduction in Alkalinity)	IS 2386 (Part–7)
34	CHEMICAL- BUILDING MATERIAL	Rock, Stone, Coarse and Fine Aggregate	Alkali Reactivity of Aggregate (Dissolved Silica)	IS 2386 (Part–7)
35	CHEMICAL- BUILDING MATERIAL	Rock, Stone, Coarse and Fine Aggregate	Sulphate as SO3	BS EN 1744-1:2009+A1
36	CHEMICAL- BUILDING MATERIAL	Rock, Stone, Coarse and Fine Aggregate	Water Soluble Chloride	BS EN 1744-1:2009+A1
37	CHEMICAL- METALS & ALLOYS	Aluminum & Aluminum Alloy	Chromium	ASTM E1251a

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38	CHEMICAL- METALS & ALLOYS	Aluminum & Aluminum Alloy	Copper	ASTM E1251-17a
39	CHEMICAL- METALS & ALLOYS	Aluminum & Aluminum Alloy	Iron	ASTM E1251-17a
40	CHEMICAL- METALS & ALLOYS	Aluminum & Aluminum Alloy	Lead	ASTM E1251-17a
41	CHEMICAL- METALS & ALLOYS	Aluminum & Aluminum Alloy	Magnesium	ASTM E1251-17a
42	CHEMICAL- METALS & ALLOYS	Aluminum & Aluminum Alloy	Manganese	ASTM E1251-17a
43	CHEMICAL- METALS & ALLOYS	Aluminum & Aluminum Alloy	Nickel	ASTM E1251-17a
44	CHEMICAL- METALS & ALLOYS	Aluminum & Aluminum Alloy	Silicon	ASTM E1251-17a
45	CHEMICAL- METALS & ALLOYS	Aluminum & Aluminum Alloy	Tin	ASTM E1251-17a
46	CHEMICAL- METALS & ALLOYS	Aluminum & Aluminum Alloy	Titanium	ASTM E1251-17a
47	CHEMICAL- METALS & ALLOYS	Aluminum & Aluminum Alloy	Zinc	ASTM E1251-17a
48	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Aluminum	ASTM E 415
49	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Aluminum	IS 8811
50	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Boron	ASTM E 415
51	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Boron	IS 8811
52	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Carbon	ASTM E 415
53	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Carbon	IS 8811
54	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	ASTM E 415
55	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	IS 8811
56	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Copper	ASTM E 415

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
57	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Copper	IS 8811
58	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	ASTM E 415
59	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	IS 8811
60	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	ASTM E 415
61	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	IS 8811
62	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nickel	ASTM E 415
63	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nickel	IS 8811
64	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Phosphorus	ASTM E 415
65	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Phosphorus	IS 8811
66	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	ASTM E 415
67	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	IS 8811
68	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Sulphur	ASTM E 415
69	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Sulphur	IS 8811
70	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Titanium	ASTM E 415
71	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Titanium	IS 8811
72	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	ASTM E 415
73	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	IS 8811
74	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminum	ASTM E 1999
75	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminum	IS 15338

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76	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E 1999
77	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 15338
78	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E 1999
79	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	IS 1533
80	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E 1999
81	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	IS 15338
82	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E 1999
83	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS 15338
84	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E 1999
85	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	IS 15338
86	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E 1999
87	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 15338
88	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	ASTM E 1999
89	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	IS 15338
90	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E 1999
91	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 15338
92	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	ASTM E 1999
93	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	IS 15338
94	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	ASTM E 1999

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95	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	IS 15338
96	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Carbon	ASTM E1086
97	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Carbon	IS 9879
98	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Chromium	ASTM E1086
99	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Chromium	IS 9879
100	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Copper	ASTM E1086
101	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Copper	IS 9879
102	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Manganese	ASTM E1086
103	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Manganese	IS 9879
104	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Molybdenum	ASTM E1086
105	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Molybdenum	IS 9879
106	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Nickel	ASTM E1086
107	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Nickel	IS 9879
108	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Phosphorus	ASTM E 1086
109	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Phosphorus	IS 9879
110	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Silicon	ASTM E1086
111	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Silicon	IS 9879
112	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Sulphur	ASTM E1086
113	CHEMICAL- METALS & ALLOYS	Stainless Steel (Cr – Nickel Steel & Cr Steel)	Sulphur	IS 9879

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114	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate	IS 2720 (Part-23)
115	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (Part–22)
116	CHEMICAL- SOIL AND ROCK	Soil	pH Value	IS 2720 (Part–26)
117	CHEMICAL- SOIL AND ROCK	Soil	Soluble Chloride	BS 1377 (Part - 3) clause No. 7.3
118	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Solids	IS 2720 (Part-21)
119	CHEMICAL- SOIL AND ROCK	Soil	total Soluble Sulphate	IS 2720 Part-27
120	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part-32)
121	CHEMICAL- WATER	Drinking Water	Conductivity	IS 3025 (Part-14)
122	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	IS 3025 (Part-38)
123	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part-11)
124	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 (Part-24)
125	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	IS 3025 Part-16
126	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 (Part-21)
127	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 Part - 10
128	CHEMICAL- WATER	Water for construction purpose	Acidity as NaOH	IS 3025 (Part-22)
129	CHEMICAL- WATER	Water for construction purpose	Alkalinity as H2SO4	IS 3025 (Part-23)
130	CHEMICAL- WATER	Water for construction purpose	Chloride as Cl	IS 3025 (Part–32)
131	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS 3025 (Part-18)
132	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS 3025 (Part-18)
133	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 (Part–11)
134	CHEMICAL- WATER	Water for construction purpose	Sulphate as SO3	IS 3025 (Part–24)
135	CHEMICAL- WATER	Water for construction purpose	Total Suspended Matter	IS 3025 (Part–17)
136	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles / Ceramic Tiles	Resistance to Acid and Alkali	IS 13630 (Part–8)
137	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Block Density	IS 6441 (Part-1)
138	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Compressive Strength	IS 6441 (Part-5)

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139	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Dimension - Height	IS 2185 (Part-3)
140	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Dimension - Length	IS 2185 (Part-3)
141	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Dimension - Width	IS 2185 (Part-3)
142	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Drying Shrinkage	IS 6441 (Part-2)
143	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Moisture Content	IS 6441 (Part-1)
144	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Thermal Conductivity	IS 3346
145	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 P-2
146	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Fire Point	IS 1209
147	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS 1209
148	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206, P-3
149	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Loss on Heating	IS 1212
150	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
151	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
152	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Solubility in Trichloroethylene	IS 1216
153	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
154	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Tests on residue from rolling thin film oven test: Ductility at 25°C	IS 1208
155	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Tests on residue from rolling thin film oven test: Viscosity ratio at 60°C	IS 1206 (Part 2)
156	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Ductility at 25°C	IS 1208

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157	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with Water	IS 8887
158	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Penetration	IS 1203
159	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue by Evaporation percent	IS 8887
160	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600 micron	IS 8887
161	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Stability to mixing with cement (% coagulation)	IS 8887
162	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage Stability after 24 h	IS 8887
163	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Bitumen Content	ASTM D 2172
164	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Density	ASTM D2726
165	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D 6927
166	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Mastic Hardness Number	IS 1195
167	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Specific Gravity	ASTM D2041
168	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix Design	Marshall Flow	ASTM D 6927
169	MECHANICAL- BUILDINGS MATERIALS	Brick (Fly Ash Brick, Burnt Clay Brick and Non modular Brick)	Dimension - Height	IS 1077
170	MECHANICAL- BUILDINGS MATERIALS	Brick (Fly Ash Brick, Burnt Clay Brick and Non modular Brick)	Dimension – Height	IS 12894
171	MECHANICAL- BUILDINGS MATERIALS	Brick (Fly Ash Brick, Burnt Clay Brick and Non modular Brick)	Dimension – Height	IS 13757
172	MECHANICAL- BUILDINGS MATERIALS	Brick (Fly Ash Brick, Burnt Clay Brick and Non modular Brick)	Dimension – Height	IS 3952
173	MECHANICAL- BUILDINGS MATERIALS	Brick (Fly Ash Brick, Burnt Clay Brick and Non modular Brick)	Dimension - Length	IS 1077
174	MECHANICAL- BUILDINGS MATERIALS	Brick (Fly Ash Brick, Burnt Clay Brick and Non modular Brick)	Dimension – Length	IS 12894
175	MECHANICAL- BUILDINGS MATERIALS	Brick (Fly Ash Brick, Burnt Clay Brick and Non modular Brick)	Dimension – Length	IS 13757

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176	MECHANICAL- BUILDINGS MATERIALS	Brick (Fly Ash Brick, Burnt Clay Brick and Non modular Brick)	Dimension – Length	IS 3952
177	MECHANICAL- BUILDINGS MATERIALS	Brick (Fly Ash Brick, Burnt Clay Brick and Non modular Brick)	Dimension - Width	IS 1077
178	MECHANICAL- BUILDINGS MATERIALS	Brick (Fly Ash Brick, Burnt Clay Brick and Non modular Brick)	Dimension – Width	IS 12894
179	MECHANICAL- BUILDINGS MATERIALS	Brick (Fly Ash Brick, Burnt Clay Brick and Non modular Brick)	Dimension – Width	IS 13757
180	MECHANICAL- BUILDINGS MATERIALS	Brick (Fly Ash Brick, Burnt Clay Brick and Non modular Brick)	Dimension – Width	IS 3952
181	MECHANICAL- BUILDINGS MATERIALS	Brick (Fly Ash Brick, Burnt Clay Brick and Non modular Brick)	Efflorescence	IS 3495 (Part-3)
182	MECHANICAL- BUILDINGS MATERIALS	Brick (Fly Ash Brick, Burnt Clay Brick and Non modular Brick)	Water Absorption	IS 3495 (Part-2)
183	MECHANICAL- BUILDINGS MATERIALS	Brick Brick (Fly Ash Brick, Burnt Clay Brick and Non modular Brick)	Compressive Strength	IS 3495 (Part-1)
184	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part-6)
185	MECHANICAL- BUILDINGS MATERIALS	Cement	Drying Shrinkage	IS 4031 (Part–10)
186	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part-5)
187	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blaine Air Permeability	IS 4031 (Part-2)
188	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Dry Sieving	IS 4031 (Part-1)
189	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part-5)
190	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Autoclave Method	IS 4031 (Part-3)
191	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le Chatelier Method	IS 4031 (Part 3)
192	MECHANICAL- BUILDINGS MATERIALS	Cement	Specific Gravity / Density	IS 4031 (Part-11)
193	MECHANICAL- BUILDINGS MATERIALS	Cement	Standard Consistency	IS 4031 (Part-4)
194	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension – Length	IS 1237

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195	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension – Thickness	IS 1237
196	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension – Width	IS 1237
197	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Flatness of Tiles Surface	IS 1237
198	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Perpendicularity	IS 1237
199	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Resistance to wear	IS 1237
200	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Straightness	IS 1237
201	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Thickness of wearing layer	IS 1237
202	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237
203	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Wet Transverse Strength	IS 1237
204	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Dimension – Length	IS 13801
205	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Dimension – Thickness	IS 13801
206	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Dimension – Width	IS 13801
207	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Flatness of Tiles Surface	IS 13801
208	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Perpendicularity	IS 13801
209	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Resistance to wear	IS 13801
210	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Straightness	IS 13801
211	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Thickness of wearing layer	IS 13801
212	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Water Absorption	IS 13801
213	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Wet Transverse Strength	IS 13801

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214	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fineness Value	IS 2386 (Part-4)
215	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Alkali Aggregate Reactivity (By Mortar Bar Method)	IS 2386 (Part-7)
216	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density and Voids	IS 2386 (Part–3)
217	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Combined Flakiness Index & Elongation Index	IS 383
218	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part-4)
219	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material	IS 2386 (Part-1, 2)
220	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part-1)
221	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Finer Then 45 micron	IS 2386, Part-1
222	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part-1)
223	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Gradation (4.75 mm to 125 mm)	IS 2386 (Part-1)
224	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part-4)
225	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS 2386 (Part-4)
226	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by MgSO4	IS 2386, Part 5
227	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Sodium sulphate	IS 2386 (Part-5)
228	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part-3)
229	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part-3)
230	MECHANICAL- BUILDINGS MATERIALS	Concrete	Accelerated Curing Test	IS 9013
231	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516, Part 1, Sec 1
232	MECHANICAL- BUILDINGS MATERIALS	Concrete	Drying Shrinkage Test	IS 516, Part 6

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233	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength	IS 516, Part 1, Sec 1
234	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flow	IS 1199, Part 2
235	MECHANICAL- BUILDINGS MATERIALS	Concrete	Moisture Movement	IS 516, Part 6
236	MECHANICAL- BUILDINGS MATERIALS	Concrete	Slump Test	IS 1199, Part 2
237	MECHANICAL- BUILDINGS MATERIALS	Concrete	Split Tensile Test	IS 516, Part 1, Sec 1
238	MECHANICAL- BUILDINGS MATERIALS	Concrete	Water Absorption	BS 1881 (Part–122)
239	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516, Part 4
240	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Alkali Aggregate Reactivity (By Mortar Bar Method)	IS 2386 (Part–7)
241	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density and Voids	IS 2386 (Part–3)
242	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of Fine Aggregate	IS 2386 (Part–3)
243	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material	IS 2386 (Part–1 and 2)
244	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Fineness Modulus	IS 2386, Part-1
245	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Gradation (Sieve analysis – 0.075 to 10 mm sieve size)	IS 2386 (Part-1)
246	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt content by sedimentation method	IS 2386 (Part-2)
247	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by MgSO4	IS 2386, Part-5
248	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Sodium sulphate	IS 2386 (Part–5)
249	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part-3)
250	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Surface Moisture	IS 2386 (Part–3)
251	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part-3)

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252	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutter	Dimension - Height	IS 4020, Part-2
253	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutter	Dimension - Thickness	IS 4020 ,Part-2
254	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutter	Dimension - Width	IS 4020, Part-2
255	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutter	End immersion Test	IS 4020 (Part 13)
256	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutter	Glue Adhesion Test	IS 4020, Part-15
257	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutter	Impact Indentation Test	IS 4020, Part 5
258	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutter	Knife Test	IS 4020, Part-14
259	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutter	Local Planeness Test	IS 4020, Part - 4
260	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutter	Squareness Measurement	IS 4020, Part-2
261	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Block Density	IS 2185 (Part–1)
262	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Compressive Strength	IS 2185 (Part–1)
263	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension – Thickness	IS 2185 (Part–1)
264	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension – Width	IS 2185 (Part–1)
265	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension–Length	IS 2185 (Part–1)
266	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Drying Shrinkage	IS 2185 (Part–1)
267	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Moisture Movement	IS 2185 (Part–1)
268	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Water Absorption	IS 2185 (Part–1)
269	MECHANICAL- BUILDINGS MATERIALS	Pavement	Deflection using Benkelman Beam Deflection	IRC 81
270	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Compressive Strength	IS 1727

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271	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Consistency	IS 1727
272	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Drying shrinkage	IS 1727
273	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Final Setting Time	IS 1727
274	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Fineness by Blain permeability	IS 1727
275	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Initial Setting Time	IS 1727
276	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Lime Reactivity	IS 1727
277	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Moisture Content	IS 3812 (Part-1)
278	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Particle retained on 45 micron IS Sieve	IS 1727
279	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Soundness by Autoclave	IS 1727
280	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Soundness by Le Chatelier	IS 1727
281	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Blocks	Abrasive Wear	IS 15658
282	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Blocks	Compressive Strength	IS 15658
283	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Blocks	Dimension – Length	IS 15658
284	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Blocks	Dimension – Thickness	IS 15658
285	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Blocks	Dimension – Width	IS 15658
286	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Blocks	Flexural Strength	IS 15658
287	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Blocks	Water Absorption	IS 15658
288	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles / Ceramic Tiles	Abrasion Value	IS 13630 (Part–11)
289	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles / Ceramic Tiles	Breaking Strength	IS 13630 (Part-6)

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290	MECHANICAL- BUILDINGS MATERIALS	Pressed Ceramic Tiles / Ceramic Tiles	Dimension - L	IS 13630 (Part-1)
291	MECHANICAL- BUILDINGS MATERIALS	Pressed Ceramic Tiles / Ceramic Tiles	Dimension - T	IS 13630 (Part-1)
292	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles / Ceramic Tiles	Modulus of Rupture	IS 13630 (Part-6)
293	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles / Ceramic Tiles	Resistance to Household Chemicals and Swimming Pool Water	IS 13630 (Part–8)
294	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles / Ceramic Tiles	Resistance to Staining of Glazed Tiles	IS 13630 (Part–8)
295	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles / Ceramic Tiles	Scratch Hardness	IS 13630 (Part-13)
296	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles / Ceramic Tiles	Water Absorption	IS 13630 (Part-2)
297	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles /Ceramic Tiles	Surface Quality	IS 15622
298	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles/ Ceramic Tiles	Dimension - W	IS 13630 (Part-1)
299	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Breaking Strength	IS 4457
300	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Dimension (Thickness)	IS 4457
301	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Dimension (Width)	IS 4457
302	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Dimensions (Length)	IS 4457
303	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Resistance to concentrated HNO3 and H2SO4	IS 4457
304	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Resistance to High concentrations of acids and alkalies	IS 4457
305	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Resistance to household chemicals and swimming pool salts	IS 4457
306	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Resistance to low concentrations of acids and alkalies	IS 4457

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307	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Surface Quality	IS 4457
308	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Water Absorption	IS 4457
309	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel & Hollow Steel Section & Steel Tube for Structural Purpose & Steel Tube for Mechanical and General Engineering Purpose	Bend Test	IS 1599
310	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel & Hollow Steel Section & Steel Tube for Structural Purpose & Steel Tube for Mechanical and General Engineering Purpose	Dimension	IS 1161
311	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel & Hollow Steel Section & Steel Tube for Structural Purpose & Steel Tube for Mechanical and General Engineering Purpose	Dimension	IS 1732
312	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel & Hollow Steel Section & Steel Tube for Structural Purpose & Steel Tube for Mechanical and General Engineering Purpose	Dimension	IS 3601
313	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel & Hollow Steel Section & Steel Tube for Structural Purpose & Steel Tube for Mechanical and General Engineering Purpose	Dimension	IS 4923
314	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel & Hollow Steel Section & Steel Tube for Structural Purpose & Steel Tube for Mechanical and General Engineering Purpose	Dimension	IS 808
315	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel & Hollow Steel Section & Steel Tube for Structural Purpose & Steel Tube for Mechanical and General Engineering Purpose	Elongation %	IS 1608 (Part–1)
316	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel & Hollow Steel Section & Steel Tube for Structural Purpose & Steel Tube for Mechanical and General Engineering Purpose	Mass per Meter	IS 1161
317	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel & Hollow Steel Section & Steel Tube for Structural Purpose & Steel Tube for Mechanical and General Engineering Purpose	Mass per Meter	IS 1732
318	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel & Hollow Steel Section & Steel Tube for Structural Purpose & Steel Tube for Mechanical and General Engineering Purpose	Mass per Meter	IS 3601
319	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel & Hollow Steel Section & Steel Tube for Structural Purpose & Steel Tube for Mechanical and General Engineering Purpose	Mass per Meter	IS 4923
320	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel & Hollow Steel Section & Steel Tube for Structural Purpose & Steel Tube for Mechanical and General Engineering Purpose	Mass per Meter	IS 808

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321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel & Hollow Steel Section & Steel Tube for Structural Purpose & Steel Tube for Mechanical and General Engineering Purpose	Tensile Strength	IS 1608 (Part–1)
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel & Hollow Steel Section & Steel Tube for Structural Purpose & Steel Tube for Mechanical and General Engineering Purpose	Yield Strength	IS 1608 (Part–1)
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel and Medium Tensile Steel Bars	Diameter of round bar or side of square bar	IS 432, Part-1
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel and Medium Tensile Steel Bars	Mass per Meter	IS 1732
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel and Medium Tensile Steel Bars	Ultimate tensile stress	IS 1608 (Part–1)
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel and Medium Tensile Steel Bars	Yield stress	IS 1608 (Part–1)
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel and Medium Tensile Steel Bars and Hard-Drawn Steel Wire for Concrete Reinforcement	Bend Test	IS 1599
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel and Medium Tensile Steel Bars and Hard-Drawn Steel Wire for Concrete Reinforcement	Elongation %	IS 1608 (Part–1)
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Coupler	Distance of Fracture from coupler	IS 16172
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Coupler	Elongation	IS 16172
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Coupler	Location of Fracture	IS 16172
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Coupler	Static Tensile Test (Tensile Strength)	IS 16172
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	% Elongation	IS 1608 (Part-1)
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Bend Test	IS 1599

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335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Mass per Meter	IS 1786
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Rebend	IS 1786
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	TS/YS Ratio	IS 1786
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Ultimate Tensile Strength	IS 1608 (Part-1)
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Yield Stress	IS 1608 (Part-1)
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved strand	0.2 % Proof Load	IS 14268
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved strand	Breaking strength of strand	IS 14268
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved strand	Difference between centre diameter and outer diameter	IS 14268
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved strand	Elongation	IS 14268
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved strand	Lay Length	IS 14268
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved strand	Modulus of elasticity	IS 14268
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved strand	Nominal cross section area of strand	IS 14268
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved strand	Nominal Diameter of strand	IS 14268
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved strand	Nominal mass of strand	IS 14268

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349	MECHANICAL- SOIL AND ROCK	Kerb Stone	Bending Strength	IS 5758
350	MECHANICAL- SOIL AND ROCK	Kerb Stone	Compresive Strength	IS 5758
351	MECHANICAL- SOIL AND ROCK	Kerb Stone	Dimension (Length)	IS 5758
352	MECHANICAL- SOIL AND ROCK	Kerb Stone	Dimension (Thickness)	IS 5758
353	MECHANICAL- SOIL AND ROCK	Kerb Stone	Dimension (Width)	IS 5758
354	MECHANICAL- SOIL AND ROCK	Kerb Stone	Water Absorption	IS 5758
355	MECHANICAL- SOIL AND ROCK	Natural Building Stone (Granite, Kota Lime, Marble)	Apparent Porosity	IS 1124
356	MECHANICAL- SOIL AND ROCK	Natural Building Stone (Granite, Kota Lime, Marble)	Apparent Specific Gravity	IS 1124
357	MECHANICAL- SOIL AND ROCK	Natural Building Stone (Granite, Kota Lime, Marble)	Compressive Strength	IS 1121, Part-1
358	MECHANICAL- SOIL AND ROCK	Natural Building Stone (Granite, Kota Lime, Marble)	Moisture content	IS 13030
359	MECHANICAL- SOIL AND ROCK	Natural Building Stone (Granite, Kota Lime, Marble)	Resistance to wear	IS 1706
360	MECHANICAL- SOIL AND ROCK	Natural Building Stone (Granite, Kota Lime, Marble)	Scratch Hardness of Surface (Moh’s Scale)	IS 13630, Part-13
361	MECHANICAL- SOIL AND ROCK	Natural Building Stone (Granite, Kota Lime, Marble)	True Specific Gravity	IS 1122
362	MECHANICAL- SOIL AND ROCK	Natural Building Stone (Granite, Kota Lime, Marble)	Water Absorption	IS 1124
363	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index	IS 8764
364	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
365	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
366	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 13030
367	MECHANICAL- SOIL AND ROCK	Rock	Unconfined compressive Strength	IS 9143

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368	MECHANICAL- SOIL AND ROCK	Rock	Water content	IS 13030
369	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
370	MECHANICAL- SOIL AND ROCK	Soil	Consolidation - Compression Index	IS 2720 (Part 15)
371	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear - Angle of Shearing Resistance	IS 2720 (Part 13)
372	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear – Cohesion	IS 2720 (Part 13)
373	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
374	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Maximum Dry Density	IS 2720 (Part 8)
375	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction – Optimum Moisture Content	IS 2720 (Part 7)
376	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction – Maximum Dry Density	IS 2720 (Part 7)
377	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction – Optimum Moisture Content	IS 2720 (Part 7)
378	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
379	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
380	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
381	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis by Dry Sieving (0.075 to 4.75 mm)	IS 2720 (Part 4)
382	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis by Hydrometer Method	IS 2720 (Part 4)
383	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis by Wet Sieving (0.075 to 4.75 mm)	IS 2720 (Part 4)
384	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3 / Sec 1)
385	MECHANICAL- SOIL AND ROCK	Soil	Tri axial Compression - Angle of Internal Friction (phi)	IS 2720, Part-11
386	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression - Cohesion	IS 2720, Part-11

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387	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
388	MECHANICAL- SOIL AND ROCK	Soil	Water Content by Oven Drying Method	IS 2720 (Part 2)
389	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Adhesion of Plies (Knife Test)	IS 1734, Part-5
390	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Density	IS 1734, Part-1
391	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Dimension - Height	IS 303
392	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Dimension - Thickness	IS 303
393	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Dimension - Width	IS 303
394	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Moisture Content	IS 1734, Part-1
395	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Moisture Content	IS 1708, Part-1
396	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Specific Gravity	IS 1708, Part-2
397	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer	IS 516, Part 5, Sec 4
398	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete structure	Depth off Surface Crack using Ultrasonic Pulse Velocity Measurement	IS 516 (Part 5, Section 1)
399	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete Structure	Rebound Hammer	ASTM C 805
400	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete Structure	Rebound Hammer	BS EN 12504-2
401	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete Structure	Ultrasonic Pulse Velocity	BS EN 12504-4

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402	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete Structure	Ultrasonic Pulse Velocity	IS 516 (Part 5, Section 1)

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Site Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Pavement	Deflection using Benkelman Beam Deflection	IRC 81
2	MECHANICAL- SOIL AND ROCK	Soil	Standard Penetration Test	IS 2131
3	MECHANICAL- SOIL AND ROCK	Soil (Field Test)	Dry Density by Core Cutter Method	IS 2720 (Part 29)
4	MECHANICAL- SOIL AND ROCK	Soil Field Test	Dry Density by Sand Replacement Method	IS 2720 (Part 28)
5	MECHANICAL- SOIL AND ROCK	Soil Field Test	Pile Load Test	IS 2911, Part-4
6	MECHANICAL- SOIL AND ROCK	Soil Field Test	Plate Load Test	IS 1888
7	MECHANICAL- SOIL AND ROCK	Soil Field Test	Water Content by Rapid Moisture Meter Method	IS 2720, Part-2
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Carbonation Test	BS EN 14630
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Carbonation Test	IS 516, Part-5, Sec - 3
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete structure	Depth off Surface Crack using Ultrasonic Pulse Velocity Measurement	IS 516 (Part 5, Section 1)
11	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete Structure	Low strain Pile Integrity test	ASTM D 5882
12	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete structure	Low strain Pile Integrity test	IS 14893
13	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete Structure	Rebound Hammer	ASTM C 805

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14	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete Structure	Rebound Hammer	BS EN 12504-2
15	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete Structure	Ultrasonic Pulse Velocity	ASTM C 597
16	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete Structure	Ultrasonic Pulse Velocity	BS EN 12504-4
17	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete Structure	Ultrasonic Pulse Velocity	IS 516 (Part 5, Section 1)