National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TEST 2 BUILD PRIVATE LIMITED, M5, T. V. K. INDUSTRIAL ESTATE, GUINDY, CHENNAI, TAMIL NADU, 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	Admixtures	Alkalies - Potassium Oxide (K2O)	BS EN 480-12
2	CHEMICAL- BUILDING MATERIAL	Admixtures	Alkalies - Sodium Oxide (Na2O)	BS EN 480-12
3	CHEMICAL- BUILDING MATERIAL	Admixtures	Ash Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixtures	Chloride Content	IS 6925
5	CHEMICAL- BUILDING MATERIAL	Admixtures	Dry material Content	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Admixtures	pH	IS 9103
7	CHEMICAL- BUILDING MATERIAL	Admixtures	Relative Density	IS 9103
8	CHEMICAL- BUILDING MATERIAL	Cement (OPC / PPC / SRC)	Alkalies - Potassium Oxide (K2O)	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement (OPC / PPC / SRC)	Alkalies - Sodium Oxide (Na2O)	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement (OPC / PPC / SRC)	Cao Content	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement (OPC / PPC / SRC)	Chloride	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement (OPC / PPC / SRC)	Combined Oxides (Al2O3)	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement (OPC / PPC / SRC)	Combined Oxides (Fe2O3)	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement (OPC / PPC / SRC)	Insoluble Residues	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement (OPC / PPC / SRC)	Loss on Ignition	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement (OPC / PPC / SRC)	Magnesia (MgO)	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Cement (OPC / PPC / SRC)	Silica Content	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Cement (OPC / PPC / SRC)	Sulphuric Anhydride (SO3)	IS 4032

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19	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Combined Oxides (Al2O3)	IS 4032
20	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Silica Content	IS 4032
21	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Sulphuric Anhydride (SO3)	IS 4032
22	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Alkalies - Potassium Oxide (K2O)	IS 4032
23	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Alkalies - Sodium Oxide (Na2O)	IS 4032
24	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Cao Content	IS 4032
25	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Chloride	IS 4032
26	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Combined Oxides (Fe2O3)	IS 4032
27	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Insoluble Residues	IS 4032
28	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Loss on Ignition	IS 4032
29	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Magnesia (MgO)	IS 4032
30	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Sulphide Sulphur	IS 4032
31	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Combined Oxides (Fe2O3)	is 4032
32	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Sulphuric Anhydride (SO3)	IS 4032
33	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Alkalies - Potassium Oxide (K2O)	IS 4032
34	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Alkalies - Sodium Oxide (Na2O)	IS 4032
35	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Cao Content	IS 4032
36	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Chloride	IS 4032
37	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Combined Oxides (Al2O3)	IS 4032

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38	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Insoluble Residues	IS 4032
39	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Loss on Ignition	IS 4032
40	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Magnesia (MgO)	IS 4032
41	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Silica Content	IS 4032
42	CHEMICAL- BUILDING MATERIAL	Ceramic Tiles (Glazed)	Chemical Resistance	IS 13630 (part 8)
43	CHEMICAL- BUILDING MATERIAL	Ceramic Tiles (Unglazed)	Chemical Resistance	IS 13630 (part 7)
44	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregates	Alkali Aggregate Reactivity (deduction in alkalinity)	IS 2386 (part 7)
45	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregates	Alkali Aggregates reactivity (dissovled Silica)	IS 2386 (part 7)
46	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregates	Chloride (cl)	EN 1744-5
47	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregates	Light Weight Pieces	IS 2386 (part 2)
48	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregates	Organic Impurities	IS 2386 (part 2)
49	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregates	Soundness - Magnesium Sulphate	IS 2386 (part 5)
50	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregates	Soundness - Sodium Sulphate	IS 2386 (part 5)
51	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregates	Sulphate (SO3)	EN 1744-1
52	CHEMICAL- BUILDING MATERIAL	Coarse Aggregates	Soft Fragments	IS 2386 (part 2)
53	CHEMICAL- BUILDING MATERIAL	Fly ash	Alkalies - Potassium Oxide (K2O)	IS 4032
54	CHEMICAL- BUILDING MATERIAL	Fly ash	Alkalies - Sodium Oxide (Na2O)	IS 4032
55	CHEMICAL- BUILDING MATERIAL	Fly ash	Alumina (Al2O3)	IS 1727
56	CHEMICAL- BUILDING MATERIAL	Fly ash	Available Alkalies - Potassium Oxide (K2O)	IS 3812 (part 1)

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57	CHEMICAL- BUILDING MATERIAL	Fly ash	Available Alkalies - Sodium Oxide (Na2O)	IS 3812 (part 1)
58	CHEMICAL- BUILDING MATERIAL	Fly ash	Cao Content	IS 1727
59	CHEMICAL- BUILDING MATERIAL	Fly ash	Chloride	IS 4032
60	CHEMICAL- BUILDING MATERIAL	Fly ash	Insoluble Residues	IS 3812 (part 1)
61	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron Oxide (Fe2O3)	IS 1727
62	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesia (MgO)	IS 1727
63	CHEMICAL- BUILDING MATERIAL	Fly ash	Reactive Silica	IS 3812 (part 1)
64	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica Content	IS 1727
65	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphuric Anhydride (SO3)	IS 1727
66	CHEMICAL- BUILDING MATERIAL	Fly ash	Water Soluble Alkalies - Potassium Oxide (K2O)	IS 4032
67	CHEMICAL- BUILDING MATERIAL	Fly ash	Water Soluble Alkalies - Sodium Oxide (Na2O)	IS 4032
68	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition	IS 1727
69	CHEMICAL- BUILDING MATERIAL	GGBS	Alkalies - Sodium Oxide (Na2O)	IS 4032
70	CHEMICAL- BUILDING MATERIAL	GGBS	Chloride	IS 4032
71	CHEMICAL- BUILDING MATERIAL	GGBS	Moisture Content	IS 16714
72	CHEMICAL- BUILDING MATERIAL	GGBS	Sulphide Sulphur	IS 4032
73	CHEMICAL- BUILDING MATERIAL	GGBS	Sulphuric Anhydride (SO3)	IS 4032
74	CHEMICAL- BUILDING MATERIAL	GGBS	Alkalies - Potassium Oxide (K2O)	IS 4032
75	CHEMICAL- BUILDING MATERIAL	GGBS	Alumina (Al2O3)	IS 4032

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76	CHEMICAL- BUILDING MATERIAL	GGBS	Glass Content	IS 16714
77	CHEMICAL- BUILDING MATERIAL	GGBS	Insoluble Residues	IS 4032
78	CHEMICAL- BUILDING MATERIAL	GGBS	Iron Oxide	IS 4032
79	CHEMICAL- BUILDING MATERIAL	GGBS	Lime - Cao Content	IS 4032
80	CHEMICAL- BUILDING MATERIAL	GGBS	Loss on Ignition	IS 4032
81	CHEMICAL- BUILDING MATERIAL	GGBS	Magnesia (MgO)	IS 4032
82	CHEMICAL- BUILDING MATERIAL	GGBS	Manganic oxide	IS 4032
83	CHEMICAL- BUILDING MATERIAL	GGBS	Silica Content (SiO2)	IS 4032
84	CHEMICAL- BUILDING MATERIAL	Hardened Concrete / Mortar	Chloride	BS 1881 - 124
85	CHEMICAL- BUILDING MATERIAL	Hardened Concrete / Mortar	Chloride	IS 14959 (part 1)
86	CHEMICAL- BUILDING MATERIAL	Hardened Concrete / Mortar	Chloride	IS 14959 (part 2)
87	CHEMICAL- BUILDING MATERIAL	Hardened Concrete / Mortar	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration (Rapid Chloride Permeability Test)	ASTM C1202
88	CHEMICAL- BUILDING MATERIAL	Hardened Concrete / Mortar	Sulphuric Anhydride (SO3)	BS 1881 - 124
89	CHEMICAL- BUILDING MATERIAL	Hardened Concrete / Mortar	Sulphuric Anhydride (SO3)	IS 4032
90	CHEMICAL- BUILDING MATERIAL	Hardened Concrete / Mortar	Cement Content (OPC Cement)	IS 516 (part 11)
91	CHEMICAL- BUILDING MATERIAL	Micro Silica / Silica Fumes	Chloride	IS 4032
92	CHEMICAL- BUILDING MATERIAL	Micro Silica / Silica Fumes	Loss on Ignition	IS 1727
93	CHEMICAL- BUILDING MATERIAL	Micro Silica / Silica Fumes	Silica Content	IS 1727

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94	CHEMICAL- BUILDING MATERIAL	Micro Silica / Silica Fumes	Sulphuric Anhydride (SO3)	IS 1727
95	CHEMICAL- BUILDING MATERIAL	UGGBS/Alccofine	Alumina (Al2O3)	IS 4032
96	CHEMICAL- BUILDING MATERIAL	UGGBS/Alccofine	Glass Content	IS 16715
97	CHEMICAL- BUILDING MATERIAL	UGGBS/Alccofine	Iron Oxide	IS 4032
98	CHEMICAL- BUILDING MATERIAL	UGGBS/Alccofine	Lime - Cao Content	IS 4032
99	CHEMICAL- BUILDING MATERIAL	UGGBS/Alccofine	Magnesia (MgO)	IS 4032
100	CHEMICAL- BUILDING MATERIAL	UGGBS/Alccofine	Moisture Content	IS 16715
101	CHEMICAL- BUILDING MATERIAL	UGGBS/Alccofine	Sulphide Sulphur	IS 4032
102	CHEMICAL- BUILDING MATERIAL	UGGBS/Alccofine	Alkalies - Potassium Oxide (K2O)	IS 4032
103	CHEMICAL- BUILDING MATERIAL	UGGBS/Alccofine	Alkalies - Sodium Oxide (Na2O)	IS 4032
104	CHEMICAL- BUILDING MATERIAL	UGGBS/Alccofine	Chloride	IS 4032
105	CHEMICAL- BUILDING MATERIAL	UGGBS/Alccofine	Insoluble Residues	IS 4032
106	CHEMICAL- BUILDING MATERIAL	UGGBS/Alccofine	Loss on Ignition	IS 4032
107	CHEMICAL- BUILDING MATERIAL	UGGBS/Alccofine	Manganic oxide	IS 4032
108	CHEMICAL- BUILDING MATERIAL	UGGBS/Alccofine	Silica Content (SiO2)	IS 4032
109	CHEMICAL- BUILDING MATERIAL	UGGBS/Alccofine	Sulphuric Anhydride (SO3)	IS 4032
110	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Carbon	IS 8811
111	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Chromium	IS 8811
112	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Copper	IS 8811

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113	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Manganese	IS 8811
114	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Molybdenum	IS 8811
115	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Nickel	IS 8811
116	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Phosphorus	IS 8811
117	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Silicon	IS 8811
118	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy Steel	Sulphur	IS 8811
119	CHEMICAL- SOIL AND ROCK	Bentonite	Loss on Ignition	IS 6186
120	CHEMICAL- SOIL AND ROCK	Bentonite	pH Value	IS 6186
121	CHEMICAL- SOIL AND ROCK	CTB / CTSB (Cement Stabilized Soils)	Cement Content	IS 4332 (part 7)
122	CHEMICAL- SOIL AND ROCK	Soil	Chloride	BS 1377-3
123	CHEMICAL- SOIL AND ROCK	Soil	Sulphate Content (Water Soluble)	BS 1377-3
124	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (part 22)
125	CHEMICAL- SOIL AND ROCK	Soil	pH Value	IS 2720 (part 26)
126	CHEMICAL- SOIL AND ROCK	Soil	Sulphate Content (Acid Soluble)	BS 1377-3
127	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Sulphate Content	IS 2720 (part 27)
128	CHEMICAL- WATER	Water for construction purpose	Chloride (Cl)	IS 3025 (part 32)
129	CHEMICAL- WATER	Water for construction purpose	Hardness (CaCO3)	IS 3025 (part 21)
130	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS 3025 (part 18)
131	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS 3025 (part 18)
132	CHEMICAL- WATER	Water for construction purpose	pH Value	IS 3025 (part 11)
133	CHEMICAL- WATER	Water for construction purpose	Sulphate Content (SO3)	IS 3025 (part 24)

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134	CHEMICAL- WATER	Water for construction purpose	Suspended Matter	IS 3025 (part 17)
135	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solids	IS 3025 (part 16)
136	CHEMICAL- WATER	Water for construction purpose	Volume of 0.02N H2SO4 to neutralize 100ml of sample (Alkalinity)	IS 3025 (part 23)
137	CHEMICAL- WATER	Water for construction purpose	Volume of 0.02N NaOH to neutralize 100ml of sample (Acidity)	IS 3025 (part 22)
138	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (BC / BM / DBM / SDBC)	Binder Content	IRC SP 11
139	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (BC / BM / DBM / SDBC)	Bulk Specific Gravity	AASHTO T 275
140	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (BC / BM / DBM / SDBC)	Density	ASTM D 2726
141	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (BC / BM / DBM / SDBC)	Marshall flow	IS 17127
142	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (BC / BM / DBM / SDBC)	Marshall Stability	IS 17127
143	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (BC / BM / DBM / SDBC)	Retained Tensile Strength	AASHTO T 283
144	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (BC / BM / DBM / SDBC)	Theoretical maximum Specific Gravity (Rice Test)	AASHTO T 209
145	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Block Density	IS 6441 (part 1)
146	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Compressive Strength	IS 6441 (part 5)
147	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Dimension	IS 2185 (part 3)
148	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Drying Shrinkage	IS 6441 (part 2)
149	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Moisture Content	IS 6441 (part 1)
150	MECHANICAL- BUILDINGS MATERIALS	Acid Resistance Tiles	Breaking Strength	IS 4457
151	MECHANICAL- BUILDINGS MATERIALS	Acid Resistance Tiles	Bulk Density	IS 4457
152	MECHANICAL- BUILDINGS MATERIALS	Acid Resistance Tiles	Dimensions (length, width, thickness)	IS 4457

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153	MECHANICAL- BUILDINGS MATERIALS	Acid Resistance Tiles	Dimensions (straightness, rectangularity, surface flatness)	IS 4457
154	MECHANICAL- BUILDINGS MATERIALS	Acid Resistance Tiles	Modulus of Rupture	IS 4457
155	MECHANICAL- BUILDINGS MATERIALS	Acid Resistance Tiles	Warpage	IS 4457
156	MECHANICAL- BUILDINGS MATERIALS	Acid Resistance Tiles	Water Absorption	IS 4457
157	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coagulation of Emulsion at low temperature	IS 8887
158	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coating ability & water resistance	IS 8887
159	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation	IS 1213
160	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with water	IS 8887
161	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Particle Charge	IS 8887
162	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600µ	IS 8887
163	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Saybolt Viscosity	IS 3117
164	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Stability to mixing with cement	IS 8887
165	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage stability	IS 8887
166	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on residue - Ductility	IS 1208
167	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on residue - Penetration	IS 1203
168	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on residue - residue by evaporation	IS 8887
169	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on residue - Solubility in trichloroethylene	IS 1216
170	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Water Content	IS 1211

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171	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (BC / BM / DBM / SDBC)	Bulk Specific Gravity	AASHTO T 166
172	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks / Pulverized Fuel Ash-Lime Bricks	Compressive Strength	IS 3495 (part 1)
173	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks / Pulverized Fuel Ash-Lime Bricks	Dimension - Height	IS 1077
174	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks / Pulverized Fuel Ash-Lime Bricks	Dimension - Length	IS 1077
175	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks / Pulverized Fuel Ash-Lime Bricks	Dimension - Width	IS 1077
176	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks / Pulverized Fuel Ash-Lime Bricks	Efflorescence	IS 3495 (part 3)
177	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks / Pulverized Fuel Ash-Lime Bricks	Water Absorption	IS 3495 (part 2)
178	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Flat Terracing Tiles	Dimensions (length, width, thickness)	IS 2690 (part 2)
179	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Flat Terracing Tiles	Warpage	IS 2690 (part 2)
180	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Flat Terracing Tiles	Water Absorption	IS 3495 (part 2)
181	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Hollow Bricks	Crushing Strength	IS 3952
182	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Hollow Bricks	Dimension - Height	IS 3952
183	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Hollow Bricks	Dimension - Length	IS 3952
184	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Hollow Bricks	Dimension - Width	IS 3952
185	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Hollow Bricks	Efflorescence	IS 3495 (part 3)
186	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Hollow Bricks	Water Absorption	IS 3952
187	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRC)	Compressive Strength	IS 4031 (part 6)
188	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRC)	Consistency	IS 4031 (part 4)
189	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRC)	Density	IS 4031 (part 11)

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190	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRC)	Drying Shrinkage	IS 4031 (part 10)
191	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRC)	Fineness by Blaine's Method	IS 4031 (part 2)
192	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRC)	Fineness by Dry Sieving	IS 4031 (part 1)
193	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRC)	Heat of Hydration	IS 4031 (part 9)
194	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRC)	Intial Setting time	IS 4031 (part 5)
195	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRC)	Soundness by Autoclave Method	IS 4031 (part 3)
196	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRC)	Soundness by Le-chatlier's Method	IS 4031 (part 3)
197	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/SRC)	Final Setting Time	IS 4031 (part 5)
198	MECHANICAL- BUILDINGS MATERIALS	Cement Clinker	Compressive Strength	IS 4031 (part 6)
199	MECHANICAL- BUILDINGS MATERIALS	Cement Clinker	Consistency	IS 4031 (part 4)
200	MECHANICAL- BUILDINGS MATERIALS	Cement Clinker	Final Setting Time	IS 4031 (part 5)
201	MECHANICAL- BUILDINGS MATERIALS	Cement Clinker	Initial Setting time	IS 4031 (part 5)
202	MECHANICAL- BUILDINGS MATERIALS	Cement Clinker	Soundness by Autoclave Method	IS 4031 (part 3)
203	MECHANICAL- BUILDINGS MATERIALS	Cement Clinker	Soundness by Le-chatlier's Method	IS 4031 (part 3)
204	MECHANICAL- BUILDINGS MATERIALS	Cement concrete flooring tiles	Dimensions (length, width, thickness)	IS 1237
205	MECHANICAL- BUILDINGS MATERIALS	Cement concrete flooring tiles	Dimensions (straightness, perpendicularity, surface flatness)	IS 1237
206	MECHANICAL- BUILDINGS MATERIALS	Cement concrete flooring tiles	Resistance to Wear (Abrasion)	IS 1237
207	MECHANICAL- BUILDINGS MATERIALS	Cement concrete flooring tiles	Water Absorption	IS 1237

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208	MECHANICAL- BUILDINGS MATERIALS	Cement concrete flooring tiles	Wet Transverse strength	IS 1237
209	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles/ Vitrified tiles	Breaking Strength	IS 13630 (part 6)
210	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles/ Vitrified tiles	Bulk Density	IS 13630 (part 2)
211	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles/ Vitrified tiles	Dimensions (length, width, thickness)	IS 13630 (part 1)
212	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles/ Vitrified tiles	Dimensions (straightness, rectangularity, surface flatness)	IS 13630 (part 1)
213	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles/ Vitrified tiles	Hardness by Moh's Scale	IS 13630 (part 13)
214	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles/ Vitrified tiles	Modulus of Rupture	IS 13630 (part 6)
215	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles/ Vitrified tiles	Warpage	IS 13630 (part 1)
216	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles/ Vitrified tiles	Water Absorption	IS 13630 (part 2)
217	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggreagate	Aggregate Impact value	IS 2386 (part 4)
218	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose & Rodded)	IS 2386 (part 3)
219	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Determination of 10% fines value	IS 2386 (part 4)
220	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Test	IS 2386 (part 1)
221	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (part 1)
222	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Light Weight Pieces	IS 2386 (part 2)
223	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion value	IS 2386 (part 4)
224	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Moisture Content	IS 2386 (part 3)
225	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Particle finer than 75µ	IS 2386 (part 1)

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226	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Polished Stone Value	BS 812-114
227	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 (part 1)
228	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soft Fragments	IS 2386 (part 2)
229	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness - Magnesium Sulphate	IS 2386 (part 5)
230	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness - Sodium Sulphate	IS 2386 (part 5)
231	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (part 3)
232	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Stripping Value	IS 6241
233	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (part 3)
234	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Crushing Value	IS 2386 (part 4)
235	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Clay Lumps	IS 2386 (part 2)
236	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture (Fresh Concrete)	Air Content	IS 1199 (part 4)
237	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture (Fresh Concrete)	Bleeding	IS 9103
238	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture (Fresh Concrete)	Compaction Factor	IS 1199 (part 2)
239	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture (Fresh Concrete)	Degree of Compactability	IS 1199 (part 2)
240	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture (Fresh Concrete)	Density	IS 1199 (part 3)
241	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture (Fresh Concrete)	Flow table test	IS 1199 (part 2)
242	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture (Fresh Concrete)	Marsh cone test	ASTM D 6910
243	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture (Fresh Concrete)	Setting Time	IS 1199 (part 7)
244	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture (Fresh Concrete)	Slump Test	IS 1199 (part 2)

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245	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture (Fresh Concrete)	Water Content	IS 9103
246	MECHANICAL- BUILDINGS MATERIALS	Concrete blocks (Hollow/Solid)	Block Density	IS 2185 (part 1)
247	MECHANICAL- BUILDINGS MATERIALS	Concrete blocks (Hollow/Solid)	Compressive Strength	IS 2185 (part 1)
248	MECHANICAL- BUILDINGS MATERIALS	Concrete blocks (Hollow/Solid)	Dimension (L/B/H)	IS 2185 (part 1)
249	MECHANICAL- BUILDINGS MATERIALS	Concrete blocks (Hollow/Solid)	Drying Shrinkage	IS 2185 (part 1)
250	MECHANICAL- BUILDINGS MATERIALS	Concrete blocks (Hollow/Solid)	Moisture Movement	IS 2185 (part 1)
251	MECHANICAL- BUILDINGS MATERIALS	Concrete blocks (Hollow/Solid)	Water Absorption	IS 2185 (part 1)
252	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 (part 4)
253	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Length of Kerb	IS 5758
254	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Compressive strength by core	IS 516 (part 4)
255	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Height of Kerb	IS 5758
256	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Mass of kerb	IS 5758
257	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Thickness of Kerb	IS 5758
258	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Water Absorption	IS 5758
259	MECHANICAL- BUILDINGS MATERIALS	Concrete specimen with Admixture	Compressive Strength	IS 516 (part 1/sec 1)
260	MECHANICAL- BUILDINGS MATERIALS	Concrete specimen with admixture	Flexural Strength	IS 516 (part 1/sec 1)
261	MECHANICAL- BUILDINGS MATERIALS	CTB /CTSB (Cement Treated Base and Subbase materials)	Determination of 10% fines value	IS 2386 (part 4)
262	MECHANICAL- BUILDINGS MATERIALS	CTB /CTSB (Cement Treated Base and Subbase materials)	Water Absorption	IS 2386 (part 3)
263	MECHANICAL- BUILDINGS MATERIALS	CTB/ CTSB (Cement Treated Base and Subbase materials)	CBR	IS 2720 (Part 16)

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264	MECHANICAL- BUILDINGS MATERIALS	CTB/ CTSB (Cement Treated Base and Subbase materials)	Compressive Strength	IS 516 (Part 1/sec 1)
265	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose & Rodded)	IS 2386 (part 3)
266	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of sand	IS 2386 (part 3)
267	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay lumps	IS 2386 (part 2)
268	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Light Weight Pieces	IS 2386 (part 2)
269	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Moisture Content	IS 2386 (part 3)
270	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Mortar Making Properties	IS 2386 (part 6)
271	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Particle finer than 75µ	IS 2386 (part 2)
272	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sand Equivalent Value	IS 2720 (part 37)
273	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (part 1)
274	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	IS 2386 (part 2)
275	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness - Magnesium Sulphate	IS 2386 (part 5)
276	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness - Sodium Sulphate	IS 2386 (part 5)
277	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (part 3)
278	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (part 3)
279	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Comparative Compressive Strength	IS 1727
280	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Consistency	IS 4031 part 4
281	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Final Setting Time	IS 4031 part 5
282	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by Blaine's Method	IS 1727

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283	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Initial Setting time	IS 4031 part 5
284	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Lime reactivity	IS 1727
285	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Particle retained on 45 micron IS sieve(wet sieving)	IS 1727
286	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness by Autoclave Method	IS 4031 part 3
287	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness by Le-chatlier's Method	IS 4031 part 4
288	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS 1727
289	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete (Tests on SCC)	J ring	BS EN 12350-12
290	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete (Tests on SCC)	L Box	IS 1199 (part 6)
291	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete (Tests on SCC)	Sieve Seggregatrion resistance test	IS 1199 (part 6)
292	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete (Tests on SCC)	Slump Flow test	IS 1199 (part 6)
293	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete (Tests on SCC)	T-500 test	IS 1199 (part 6)
294	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete (Tests on SCC)	U - Box	UNI 11044
295	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete (Tests on SCC)	V Funnel Test	IS 1199 (part 6)
296	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Fineness by Blaine's Method	IS 4031 (part 2)
297	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Slag Activity Index	IS 16714
298	MECHANICAL- BUILDINGS MATERIALS	GSB	Aggregate Impact value	IS 2386 (part 4)
299	MECHANICAL- BUILDINGS MATERIALS	GSB	Aggregate Wet Impact value	IS 5640
300	MECHANICAL- BUILDINGS MATERIALS	GSB	Determination of 10% fines value	IS 2386 (part 4)
301	MECHANICAL- BUILDINGS MATERIALS	GSB	Los Angeles Abrasion value	IS 2386 (part 4)

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302	MECHANICAL- BUILDINGS MATERIALS	GSB	Sieve Analysis	IS 2386 (part 1)
303	MECHANICAL- BUILDINGS MATERIALS	GSB	Water Absorption	IS 2386 (part 3)
304	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Drying Shrinkage	IS 516 (part 6)
305	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Modulus of Elasticity	IS 516 (part 8/sec 1)
306	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Moisture Movement	IS 516 (part 6)
307	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Poisson's ratio	IS 516 (part 8/sec 1)
308	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water Absorption	BS 1881-122
309	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Accerelated Curing compressive strength	IS 9013
310	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Initial Surface Absorption Test (ISAT)	IS 516 (part 2/sec 2)
311	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Cube/cylinder/ beam & core)	Compressive Strength	IS 516 (part 1/sec 1)
312	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Cube/cylinder/ beam & core)	Depth of Water Penetration Under Pressure	IS 516 (part 2/sec1)
313	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Cube/cylinder/ beam & core)	Flexural Strength	IS 516 (part 1/sec 1)
314	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Cube/cylinder/ beam & core)	Split Tensile Strength	IS 516 (part 1/sec 1)
315	MECHANICAL- BUILDINGS MATERIALS	Micro Silica / Silica Fume	Compressive Strength at 7 days as percent of control sample	IS 1727
316	MECHANICAL- BUILDINGS MATERIALS	Micro Silica / Silica Fume	Particles retained on 45 micron IS sieve (wet sieving)	ISs 1727
317	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen (PMB)	Elastic recovery of Half thread at 15 deg C	IS 15462
318	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen (PMB)	Flash point	IS 1209
319	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen (PMB)	FRAASS Breaking point	IS 9381

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320	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen (PMB)	Loss in mass (RTFO Residue)	IS 9382
321	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen (PMB)	Separation test	IS 15462
322	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen (PMB)	Softening point	IS 1205
323	MECHANICAL- BUILDINGS MATERIALS	Paver blocks	Abrasion Resistance	IS 15658
324	MECHANICAL- BUILDINGS MATERIALS	Paver blocks	Compressive Strength	IS 15658
325	MECHANICAL- BUILDINGS MATERIALS	Paver blocks	Dimensions	IS 15658
326	MECHANICAL- BUILDINGS MATERIALS	Paver blocks	Flexural Strength	IS 15658
327	MECHANICAL- BUILDINGS MATERIALS	Paver blocks	Split Tensile Strength	IS 15658
328	MECHANICAL- BUILDINGS MATERIALS	Paver blocks	Thickness of wearing layer	IS 15658
329	MECHANICAL- BUILDINGS MATERIALS	Paver blocks	Water Absorption	IS 15658
330	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Absolute Viscosity @ 60°C	IS 1206 (part 2)
331	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Bitumen Content	IRC SP 11
332	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Ductility after (RTFOT residue) at 25 deg C	IS 1208
333	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Ductility at 25 deg C	IS 1208
334	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	FRAASS Breaking point	IS 9381
335	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Kinematic Viscosity @ 135°C	IS 1206 (part 3)
336	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Loss on heating	IS 1212
337	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Matter Soluble in trichloroethylene	IS 1216
338	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Penetration at 25 deg C	IS 1203

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339	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Penetration on the residue	IS 1203
340	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Rolling thin film oven test (RTFOT) Durability test(Change in mass)	IS 15799
341	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Softening point	IS 1205
342	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Specific Gravity	IS 1202
343	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Viscosity ratio (RTFOT Residue) at 60 deg C	IS 1206 (part 2)
344	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Water Content	IS 1211
345	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Fire Point	IS 1448 (part 69)
346	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Flash Point	IS 1209
347	MECHANICAL- BUILDINGS MATERIALS	UGGBS / Alccofine	Slag Activity Index	IS 16715
348	MECHANICAL- BUILDINGS MATERIALS	WMM	Heavy Compaction (Maximum Dry density)	IS 2720 (Part 8)
349	MECHANICAL- BUILDINGS MATERIALS	WMM	Aggregate Impact value	IS 2386 (part 4)
350	MECHANICAL- BUILDINGS MATERIALS	WMM	Aggregate Wet Impact value	IS 5640
351	MECHANICAL- BUILDINGS MATERIALS	WMM	Elongation Test	IS 2386 (part 1)
352	MECHANICAL- BUILDINGS MATERIALS	WMM	Flakiness Index	IS 2386 (part 1)
353	MECHANICAL- BUILDINGS MATERIALS	WMM	Heavy Compaction (Optimum moisture content)	IS 2720 (Part 8)
354	MECHANICAL- BUILDINGS MATERIALS	WMM	Los Angeles Abrasion value	IS 2386 (part 4)
355	MECHANICAL- BUILDINGS MATERIALS	WMM	Sieve Analysis	IS 2386 (part 1)
356	MECHANICAL- BUILDINGS MATERIALS	WMM	Soundness - Magnesium Sulphate	IS 2386 (part 5)

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357	MECHANICAL- BUILDINGS MATERIALS	WMM	Soundness - Sodium Sulphate	IS 2386 (part 5)
358	MECHANICAL- BUILDINGS MATERIALS	WMM	Water Absorption	IS 2386 (part 3)
359	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires	% Elongation	IS 1608 (part 1)
360	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires	0.2% Proof Stress	IS 1608 (part 1)
361	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires	Bend Test	IS 1599
362	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires	Mean projected area of the rib	IS 1786
363	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires	Rebend Test	IS 1786
364	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires	Tensile Strength	IS 1608 (part 1)
365	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires	Total elongation at maximum force	IS 1608 (part 1)
366	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires	Weight / meter	IS 1786
367	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires	Yield Stress	IS 1608 (part 1)
368	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement coupler	Tensile Strength	IS 16172
369	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement coupler	Total elongation at maximum force	IS 16172
370	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for Pre-stressed Concrete	0.2% Proof Load	IS 14268

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371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for Pre-stressed Concrete	Elongation	IS 14268
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for Pre-stressed Concrete	Breaking Load	IS 14268
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for Pre-stressed Concrete	Lay Length	IS 14268
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for Pre-stressed Concrete	Load test on Anchorage relaxation test - 1000H	IS 14268
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for Pre-stressed Concrete	Load test on Anchorage relaxation test - 100H	IS 14268
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for Pre-stressed Concrete	Nominal Area	IS 14268
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for Pre-stressed Concrete	Nominal mass of Strand	IS 14268
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes	% Elongation	IS 1608 (part 1)
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes	Flattening	IS 2328
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes	Tensile Strength	IS 1608 (part 1)
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes	Weight / meter	IS 1161
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes	Yield Stress	IS 1608 (part 1)
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel / Hollow Steel Section	% Elongation	IS 1608 (part 1)
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel / Hollow Steel Section	0.2% Proof Stress	IS 1608 (part 1)

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385	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel / Hollow Steel Section	Bend Test	IS 1599
386	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel / Hollow Steel Section	Tensile Strength	IS 1608 (part 1)
387	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel / Hollow Steel Section	Weight / meter	IS 808
388	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel / Hollow Steel Section	Yield Stress	IS 1608 (part 1)
389	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness	IS 6186
390	MECHANICAL- SOIL AND ROCK	Bentonite	Gel Formation Index	IS 6186
391	MECHANICAL- SOIL AND ROCK	Bentonite	Liquid Limit - Casagrande method	IS 2720 (Part 5)
392	MECHANICAL- SOIL AND ROCK	Bentonite	Marsh Cone Viscosity	ASTM D 6910
393	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS 6186
394	MECHANICAL- SOIL AND ROCK	Bentonite	Plastic Limit	IS 2720 (Part 5)
395	MECHANICAL- SOIL AND ROCK	Bentonite	Sand content	IS 6186
396	MECHANICAL- SOIL AND ROCK	Bentonite	Specific Gravity	IS 2720 (Part 3/sec 1)
397	MECHANICAL- SOIL AND ROCK	Bentonite	Swelling power	IS 6186
398	MECHANICAL- SOIL AND ROCK	Clay & Soils	California Bearing Ratio (CBR) - Soaked	IS 2720 (Part 16)
399	MECHANICAL- SOIL AND ROCK	CTB /CTSB (Cement Treated Base and Subbase materials)	Durability	IRC SP 89
400	MECHANICAL- SOIL AND ROCK	CTB /CTSB (Cement Treated Base and Subbase materials)	Liquid Limit	IS 2720 (Part 5)
401	MECHANICAL- SOIL AND ROCK	CTB /CTSB (Cement Treated Base and Subbase materials)	Plastic Limit	IS 2720 (Part 5)

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402	MECHANICAL- SOIL AND ROCK	CTB /CTSB (Cement Treated Base and Subbase materials)	Sieve Analysis	IS 2386 (part 1)
403	MECHANICAL- SOIL AND ROCK	CTB /CTSB (Cement Treated Base and Subbase materials)	Split Tensile Strength	IS 516 (part 1/sec 1)
404	MECHANICAL- SOIL AND ROCK	CTB /CTSB (Stabilized Soils)	Freezing & Thawing	IS 4332 (part 4)
405	MECHANICAL- SOIL AND ROCK	CTB /CTSB (Stabilized Soils)	Heavy Compaction (Maximum Dry density)	IS 4332 (part 3)
406	MECHANICAL- SOIL AND ROCK	CTB /CTSB (Stabilized Soils)	Heavy Compaction (Optimum moisture content)	IS 4332 (part 3)
407	MECHANICAL- SOIL AND ROCK	CTB /CTSB (Stabilized Soils)	Moisture Content	IS 4332 (part 2)
408	MECHANICAL- SOIL AND ROCK	CTB /CTSB (Stabilized Soils)	Wetting & Drying Test	IS 4332 (part 4)
409	MECHANICAL- SOIL AND ROCK	Field Soil	Field CBR	IS 2720 (part 31)
410	MECHANICAL- SOIL AND ROCK	Field Soil	Field density by Core Cutter Method	IS 2720 (part 29)
411	MECHANICAL- SOIL AND ROCK	Field Soil	Field moisture content by Sand Replacement Method	IS 2720 (part 28)
412	MECHANICAL- SOIL AND ROCK	Field Soil	Modulus of Subgrade reaction (K Value)	IS 9214
413	MECHANICAL- SOIL AND ROCK	Field Soil	Field Density by Sand Replacement Method	IS 2720 (part 28)
414	MECHANICAL- SOIL AND ROCK	Field Soil	Field moisture content by Core Cutter Method	IS 2720 (part 29)
415	MECHANICAL- SOIL AND ROCK	GSB	Heavy Compaction (Maximum Dry density)	IS 2720 (Part 8)
416	MECHANICAL- SOIL AND ROCK	GSB	Heavy Compaction (Optimum moisture content)	IS 2720 (Part 8)
417	MECHANICAL- SOIL AND ROCK	GSB	Liquid Limit	IS 2720 (Part 5)
418	MECHANICAL- SOIL AND ROCK	GSB	Plastic Limit	IS 2720 (Part 5)
419	MECHANICAL- SOIL AND ROCK	GSB / WMM	Field Density by Sand Replacement Method	IS 2720 (part 28)
420	MECHANICAL- SOIL AND ROCK	GSB / WMM	Field moisture content by Sand Replacement Method	IS 2720 (part 28)

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421	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Apparent Specific Gravity	IS 1124
422	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Hardness by Moh's Scale	IS 13630 (part 13)
423	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Porosity	IS 1124
424	MECHANICAL- SOIL AND ROCK	Natural Building Stone	True Specific Gravity	IS 1122
425	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Water Absorption	IS 1124
426	MECHANICAL- SOIL AND ROCK	Rock & Stone	Dry Density	IS 13030
427	MECHANICAL- SOIL AND ROCK	Rock & Stone	Modulus of Elasticity	IS 9221
428	MECHANICAL- SOIL AND ROCK	Rock & Stone	Point Load Index	IS 8764
429	MECHANICAL- SOIL AND ROCK	Rock & Stone	Poisson's ratio	IS 9221
430	MECHANICAL- SOIL AND ROCK	Rock & Stone	Porosity	IS 13030
431	MECHANICAL- SOIL AND ROCK	Rock & Stone	Specific Gravity	IS 13030
432	MECHANICAL- SOIL AND ROCK	Rock & Stone	Unconfined Compressive Strength (UCS)	IS 9143
433	MECHANICAL- SOIL AND ROCK	Rock & Stone	Water Absorption	IS 1124
434	MECHANICAL- SOIL AND ROCK	Rock & Stone	Water Content	IS 13030
435	MECHANICAL- SOIL AND ROCK	Soils	Shrinkage Limit	IS 2720 (Part 6)
436	MECHANICAL- SOIL AND ROCK	Soils	Heavy Compaction (Modified proctor) - MDD	IS 2720 (Part 8)
437	MECHANICAL- SOIL AND ROCK	Soils	Heavy Compaction (Modified proctor) - OMC	IS 2720 (Part 8)
438	MECHANICAL- SOIL AND ROCK	Soils	Light Compaction (Standard Proctor) - MDD	IS 2720 (Part 7)
439	MECHANICAL- SOIL AND ROCK	Soils	Light Compaction (Standard Proctor) - OMC	IS 2720 (Part 7)

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440	MECHANICAL- SOIL AND ROCK	Soils	Liquid Limit - Casagrande method	IS 2720 (Part 5)
441	MECHANICAL- SOIL AND ROCK	Soils	Liquid Limit - Cone penetrometer method	IS 2720 (Part 5)
442	MECHANICAL- SOIL AND ROCK	Soils	Particle Size Analysis using Hydrometer	IS 2720 (Part 4) clause 5.2
443	MECHANICAL- SOIL AND ROCK	Soils	Particle Size Analysis using Pipette method	IS 2720 (Part 4) clause 5.1
444	MECHANICAL- SOIL AND ROCK	Soils	Permeability by Constant head method	IS 2720 (Part 17)
445	MECHANICAL- SOIL AND ROCK	Soils	Permeability by Falling head method	IS 2720 (Part 17)
446	MECHANICAL- SOIL AND ROCK	Soils	Plastic Limit	IS 2720 (Part 5)
447	MECHANICAL- SOIL AND ROCK	Soils	Swelling Pressure	IS 2720 (Part 41)
448	MECHANICAL- SOIL AND ROCK	Soils	Triaxial Consolidated Drained test (CD) - Cohesion	IS 2720 (Part-12)
449	MECHANICAL- SOIL AND ROCK	Soils	Triaxial Consolidated Drained test (CD) - Angle of internal friction	IS 2720 (Part-12)
450	MECHANICAL- SOIL AND ROCK	Soils	Triaxial Consolidated Undrained test (CU) - Angle of internal friction	IS 2720 (Part-12)
451	MECHANICAL- SOIL AND ROCK	Soils	Triaxial Consolidated Undrained test (CU) - Cohesion	IS 2720 (Part-12)
452	MECHANICAL- SOIL AND ROCK	Soils	Triaxial Unconsolidated Undrained Test (UU) - Angle of internal friction	IS 2720 (Part 11)
453	MECHANICAL- SOIL AND ROCK	Soils	Triaxial Unconsolidated Undrained Test (UU) - Cohesion	IS 2720 (Part 11)
454	MECHANICAL- SOIL AND ROCK	Soils	Unconfined Compressive Strength (UCC)	IS 2720 (Part 10)
455	MECHANICAL- SOIL AND ROCK	Soils	Water Content	IS 2720 (Part 2)
456	MECHANICAL- SOIL AND ROCK	Soils	California Bearing Ratio (CBR) - UnSoaked	IS 2720 (Part 16)
457	MECHANICAL- SOIL AND ROCK	Soils	Consolidation Test (Coefficient of compressibility)	IS 2720 (Part 15)

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458	MECHANICAL- SOIL AND ROCK	Soils	Direct Shear Test - Angle of Internal Friction	IS 2720 (Part 13)
459	MECHANICAL- SOIL AND ROCK	Soils	Direct Shear Test - Cohesion	IS 2720 (Part 13)
460	MECHANICAL- SOIL AND ROCK	Soils	Free Swell Index	IS 2720 (Part 40)
461	MECHANICAL- SOIL AND ROCK	Soils	Grain Size Analysis (Dry Sieve)	IS 2720 (Part 4) clause 3
462	MECHANICAL- SOIL AND ROCK	Soils	Grain Size Analysis (Wet Sieve)	IS 2720 (Part 4) clause 4
463	MECHANICAL- SOIL AND ROCK	Soils	Specific Gravity	IS 2720 (Part 3/sec 2)
464	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RC structures	Pile Integrity test	IS 14893
465	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RC structures	Rebound Hammer	IS 516 (part 5/sec 4)
466	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RC structures	Carbonation Test	IS 516 (part 5/sec 3)
467	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RC structures	Cover Meter test	BS 1881 (part 204)
468	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RC structures	Half cell Potential difference	IS 516 (part 5/sec 2)
469	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RC structures	UPVT	IS 516 (part 5/sec 1)

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Site Facility				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RCC/PSC/Deck Slab	Span Load test (Bridge Load test)	IRC SP 51
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Pile	High Strain Dynamic Testing of Deep Foundations	ASTM D4945
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Pile / Wall	Integrity Testing of Concrete Deep Foundations by Ultrasonic Crosshole Testing	ASTM D6760