National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CEG TEST HOUSE AND RESEARCH CENTRE PRIVATE LIMITED, B-11 (G), BASEMENT FLOOR & GROUND FLOOR, MALVIYA INDUSTRIAL AREA, JAIPUR, RAJASTHAN, 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	Aggregate (Coarse & Fine)	Acid Soluble Chloride	IS 14959 (Part 2)
7	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse & Fine)	Alkali Aggregate Reactivity (Potential Reactivity of Aggregates) i) Reduction in Alkalinity	IS 2386 (Part 7)
8	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse & Fine)	Alkali Aggregate Reactivity (Potential Reactivity of Aggregates) ii) Dissolved Silica	IS 2386 (Part 7)
9	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse & Fine)	pH Value	IS 2720 (Part 26)
10	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse & Fine)	Total Alkali Content (Na2O)	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse & Fine)	Total Sulphate (SO3)	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse & Fine)	Water Soluble Chloride	IS 14959 (Part 2)
13	CHEMICAL- BUILDING MATERIAL	Aggregate (Fine & Sand)	Organic Impurities	IS 2386 (Part 2)
14	CHEMICAL- BUILDING MATERIAL	Cement	Alumina Oxide (Al2O3)	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement	Calcium Oxide (CaO)	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement	Chloride (Cl)	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Cement	Ferric Oxide (Fe2O3)	IS 4032

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18	CHEMICAL- BUILDING MATERIAL	Cement	Free Lime	IS 4032
19	CHEMICAL- BUILDING MATERIAL	Cement	Insoluble Residue (IR)	IS 4032
20	CHEMICAL- BUILDING MATERIAL	Cement	Loss on Ignition	IS 4032
21	CHEMICAL- BUILDING MATERIAL	Cement	Magnesia (MgO)	IS 4032
22	CHEMICAL- BUILDING MATERIAL	Cement	Potassium Oxide (K2O)	IS 4032
23	CHEMICAL- BUILDING MATERIAL	Cement	Ratio of Percentage of Alumina to That of Iron Oxide	IS 269
24	CHEMICAL- BUILDING MATERIAL	Cement	Ratio of Percentage of Lime to Percentage of Silica, Alumina & Iron Oxide	IS 269
25	CHEMICAL- BUILDING MATERIAL	Cement	Silica (SiO2)	IS 4032
26	CHEMICAL- BUILDING MATERIAL	Cement	Sodium Oxide (Na2O)	IS 4032
27	CHEMICAL- BUILDING MATERIAL	Cement	Sulphuric Anhydride (SO3)	IS 4032
28	CHEMICAL- BUILDING MATERIAL	Cement	Total Alkali Content as (Na2O)	IS 4032
29	CHEMICAL- BUILDING MATERIAL	Cement	Tricalcium Aluminate (C3A)	IS 269
30	CHEMICAL- BUILDING MATERIAL	Cement	Tricalcium Silicate (C3S)	IS 269
31	CHEMICAL- BUILDING MATERIAL	Fly ash	Alumina (Al2O3)	IS 1727
32	CHEMICAL- BUILDING MATERIAL	Fly ash	Available Alkali as Equivalent Sodium Oxide (Na2O)	IS 3812 (Part 2)
33	CHEMICAL- BUILDING MATERIAL	Fly ash	Available Potassium Oxide (K2O)	IS 3812 (Part 2)
34	CHEMICAL- BUILDING MATERIAL	Fly ash	Calcium Oxide (CaO)	IS 1727
35	CHEMICAL- BUILDING MATERIAL	Fly ash	Ferric Oxide (Fe2O3)	IS 1727

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36	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition	IS 1727
37	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesia (MgO)	IS 1727
38	CHEMICAL- BUILDING MATERIAL	Fly ash	Moisture Content	IS 3812 (Part 2)
39	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica (SiO2)	IS 1727
40	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphuric Anhydride (SO3)	IS 1727
41	CHEMICAL- BUILDING MATERIAL	Fly ash	Total Chloride (Cl)	IS 4032
42	CHEMICAL- BUILDING MATERIAL	Gypsum Building Plaster (Excluding Premixed Light Weight Plaster)	Calcium Oxide (CaO)	IS 1288
43	CHEMICAL- BUILDING MATERIAL	Gypsum Building Plaster (Excluding Premixed Light Weight Plaster)	Free Lime	IS 2547 (Part 1)
44	CHEMICAL- BUILDING MATERIAL	Gypsum Building Plaster (Excluding Premixed Light Weight Plaster)	Loss on Ignition	IS 2547 (Part 1)
45	CHEMICAL- BUILDING MATERIAL	Gypsum Building Plaster (Excluding Premixed Light Weight Plaster)	Soluble Magnesium Salts (MgO)	IS 2547 (Part 1)
46	CHEMICAL- BUILDING MATERIAL	Gypsum Building Plaster (Excluding Premixed Light Weight Plaster)	Soluble Sodium Salts (Na2O)	IS 2547 (Part 1)
47	CHEMICAL- BUILDING MATERIAL	Gypsum Building Plaster (Excluding Premixed Light Weight Plaster)	Sulphuric Anhydride (SO3)	IS 1288
48	CHEMICAL- BUILDING MATERIAL	Gypsum Building Plaster (Premixed Light Weight Plaster)	Free Lime Content	IS 2547 (Part 2)
49	CHEMICAL- BUILDING MATERIAL	Gypsum Building Plaster (Premixed Light Weight Plaster)	Sum of Soluble Sodium and Magnesium Salt Components Expressed as Percentages of Sodium Oxide (Na2O) & Magnesium Oxide (MgO)	IS 2547 (Part 2)
50	CHEMICAL- BUILDING MATERIAL	Stone Ware Pipe	Acid Resistance	IS 651
51	CHEMICAL- BUILDING MATERIAL	Stone Ware Pipe	Alkali Resistance	IS 651
52	CHEMICAL- BUILDING MATERIAL	Unplasticized PVC Pipe	Sulphated Ash	IS 4985
53	CHEMICAL- BUILDING MATERIAL	Water Proofing Compounds	Chloride Content	IS 6925

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54	CHEMICAL- BUILDING MATERIAL	Wood/Plywood	Acidity and Alkalinity Resistance	IS 1734 (Part 1 to 20)
55	CHEMICAL- BUILDING MATERIAL	Wood/Plywood	pH Value	IS 1734 (Part 1 to 20)
56	CHEMICAL- METALS & ALLOYS	Reinforcement Couplers	Carbon (C)	IS 228 (Part 1)
57	CHEMICAL- METALS & ALLOYS	Reinforcement Couplers	Carbon Equivalent (CE)	IS 1786
58	CHEMICAL- METALS & ALLOYS	Reinforcement Couplers	Manganese (Mn)	IS 228 (Part 2)
59	CHEMICAL- METALS & ALLOYS	Reinforcement Couplers	Phosphorus (P)	IS 228 (Part 3)
60	CHEMICAL- METALS & ALLOYS	Reinforcement Couplers	Silicon (Si)	IS 228 (Part 8)
61	CHEMICAL- METALS & ALLOYS	Reinforcement Couplers	Sulphur (S)	IS 228 (Part 9)
62	CHEMICAL- METALS & ALLOYS	Reinforcement Couplers	Sulphur and Phosphorus	IS 1786
63	CHEMICAL- METALS & ALLOYS	Steel (Mild Steel, Structural Steel, High Strength Deformed Steel Bars and Wires)	Carbon (C)	IS 228 (Part 1)
64	CHEMICAL- METALS & ALLOYS	Steel (Mild Steel, Structural Steel, High Strength Deformed Steel Bars and Wires)	Carbon Equivalent (CE)	IS 1786
65	CHEMICAL- METALS & ALLOYS	Steel (Mild Steel, Structural Steel, High Strength Deformed Steel Bars and Wires)	Manganese (Mn)	IS 228 (Part 2)
66	CHEMICAL- METALS & ALLOYS	Steel (Mild Steel, Structural Steel, High Strength Deformed Steel Bars and Wires)	Phosphorus (P)	IS 228 (Part 3)
67	CHEMICAL- METALS & ALLOYS	Steel (Mild Steel, Structural Steel, High Strength Deformed Steel Bars and Wires)	Silicon (Si)	IS 228 (Part 8)
68	CHEMICAL- METALS & ALLOYS	Steel (Mild Steel, Structural Steel, High Strength Deformed Steel Bars and Wires)	Sulphur (S)	IS 228 (Part 9)
69	CHEMICAL- METALS & ALLOYS	Steel (Mild Steel, Structural Steel, High Strength Deformed Steel Bars and Wires)	Sulphur and Phosphorus	IS 1786
70	CHEMICAL- ORES & MINERALS	Bentonite	Alumina (Al2O3)	IS 12621
71	CHEMICAL- ORES & MINERALS	Bentonite	Calcium Oxide (CaO)	IS 12621
72	CHEMICAL- ORES & MINERALS	Bentonite	Free Moisture	IS 12621

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73	CHEMICAL- ORES & MINERALS	Bentonite	Gel Formation Index	IS 6186
74	CHEMICAL- ORES & MINERALS	Bentonite	Iron Oxide (Fe2O3)	IS 12621
75	CHEMICAL- ORES & MINERALS	Bentonite	Loss on Ignition	IS 6186
76	CHEMICAL- ORES & MINERALS	Bentonite	Magnesium Oxide (MgO)	IS 12621
77	CHEMICAL- ORES & MINERALS	Bentonite	Matter Soluble in Water	IS 6186
78	CHEMICAL- ORES & MINERALS	Bentonite	Oxides of Calcium (as CaO) and Magnesium (as MgO) Together	IS 12621
79	CHEMICAL- ORES & MINERALS	Bentonite	Oxides of Iron(Fe2O3) and Titanium Oxide (TiO2) together	IS 12621
80	CHEMICAL- ORES & MINERALS	Bentonite	pH Value	IS 6186
81	CHEMICAL- ORES & MINERALS	Bentonite	Silica (SiO2)	IS 12621
82	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Alumina (Al2O3)	IS 1760 (Part 3)
83	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Calcium Oxide (CaO)	IS 1760 (Part 3)
84	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Iron Oxide (Fe2O3)	IS 1760 (Part 3)
85	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Loss on Ignition	IS 1760 (Part 1)
86	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Magnesium Oxide (MgO)	IS 1760 (Part 3)
87	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Manganese (Mn)	IBM Method (1.2.1.6)
88	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Phosphorus Pentoxide (P2O5)	IBM Method (1.2.1.8)
89	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Potassium Oxide (K2O)	IS 9497
90	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Silica (SiO2)	IS 1760 (Part 2)

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91	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Sodium Oxide (Na2O)	IS 9497
92	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Sulphuric Anhydride (SO3)	IBM Method (Page 31)
93	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Titanium Oxide (TiO2)	IBM Method (1.2.1.7)
94	CHEMICAL- SOIL AND ROCK	Soil	Available Nitrogen	CEGTH/STP/C/04 Issue No. 01 April 2022
95	CHEMICAL- SOIL AND ROCK	Soil	Available Phosphorus	CEGTH/STP/C/02 Issue No. 01 April 2022
96	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate (as CaCO3)	IS 2720 (Part 23)
97	CHEMICAL- SOIL AND ROCK	Soil	Chloride	CEGTH/STP/C/01 Issue No. 01 April 2022
98	CHEMICAL- SOIL AND ROCK	Soil	Electrical Conductivity	IS 14767
99	CHEMICAL- SOIL AND ROCK	Soil	Exchangeable Potassium	CEGTH/STP/C/03 Issue No. 01 April 2022
100	CHEMICAL- SOIL AND ROCK	Soil	Organic Carbon	CEGTH/STP/C/06 Issue No. 01 April 2022
101	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (Part 22)
102	CHEMICAL- SOIL AND ROCK	Soil	pH Value	IS 2720 (Part 26)
103	CHEMICAL- SOIL AND ROCK	Soil	Soluble Sulphates (SO4) as S	CEGTH/STP/C/05 Issue No. 01 April 2022
104	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Solids	IS 2720 (Part 21)
105	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Sulphate	IS 2720 (Part 27)
106	CHEMICAL- WATER	Construction Water	Chloride (Cl)	IS 3025 (Part 32)
107	CHEMICAL- WATER	Construction Water	Inorganic Matter	IS 3025 (Part 18)
108	CHEMICAL- WATER	Construction Water	Organic Matter	IS 3025 (Part 18)
109	CHEMICAL- WATER	Construction Water	pH value	IS 3025 (Part 11)
110	CHEMICAL- WATER	Construction Water	Sulphate (as SO3)	IS 3025 (Part 24/Section 1/Clause 5)
111	CHEMICAL- WATER	Construction Water	Total Suspended Solids	IS 3025 (Part 17)

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112	CHEMICAL- WATER	Construction Water	Volume of 0.02N H2SO4 Required to Neutralize 100 ml Sample of Water Using Mixed Indicator	IS 3025 (Part 23)
113	CHEMICAL- WATER	Construction Water	Volume of 0.02N NaOH Required to Neutralize 100ml Sample of Water Using Phenolphthalein Indicator	IS 3025 (Part 22)
114	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Block Density	IS 6441 (Part 1)
115	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Compressive Strength	IS 6441 (Part 5)
116	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimensions-Height	IS 2185 (Part 3)
117	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimensions-Width	IS 2185 (Part 3)
118	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Moisture Content	IS 6441 (Part 1)
119	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Dimensions-Length	IS 2185 (Part 3)
120	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Drying Shrinkage	IS 6441 (Part 2)
121	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse), Ballast, Key Stone Metals	10% Fine Value	IS 2386 (Part 4)
122	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse), Ballast, Key Stone Metals	Bulk Density	IS 2386 (Part 3)
123	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse), Ballast, Key Stone Metals	Combined Elongation Index and Flakiness Index	IS 2386 (Part 1)
124	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse), Ballast, Key Stone Metals	Crushing Value	IS 2386 (Part 4)
125	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse), Ballast, Key Stone Metals	Grading / Sieve Analysis (80mm,63mm,40mm,20mm,12.5mm,10mm,4.75mm,2.36mm)	IS 2386 (Part 1)
126	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse), Ballast, Key Stone Metals	Impact Value	IS 2386 (Part 4)
127	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse), Ballast, Key Stone Metals	Los Angeles Abrasion Value	IS 2386 (Part 4)
128	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse), Ballast, Key Stone Metals	Soundness by MgSo4	IS 2386 (Part 5)

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129	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse), Ballast, Key Stone Metals	Soundness by Na2SO4	IS 2386 (Part 5)
130	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse), Ballast, Key Stone Metals	Specific Gravity	IS 2386 (Part 3)
131	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse), Ballast, Key Stone Metals	Stripping Value	IS 6241
132	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse), Ballast, Key Stone Metals	Water Absorption	IS 2386 (Part 3)
133	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse/Fine), Crusher Stone Dust, Natural Sand, M- Sand, Mixed Sand	Clay Lumps	IS 2386 (Part 2)
134	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse/Fine), Crusher Stone Dust, Natural Sand, M- Sand, Mixed Sand	Clay, Fine Silt & Fine Dust (Sedimentation Method)	IS 2386 (Part 2)
135	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse/Fine), Crusher Stone Dust, Natural Sand, M- Sand, Mixed Sand	Coal and Lignite	IS 2386 (Part 2)
136	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse/Fine), Crusher Stone Dust, Natural Sand, M- Sand, Mixed Sand	Material Finer Than 75 µm	IS 2386 (Part 1)
137	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse/Fine), Crusher Stone Dust, Natural Sand, M- Sand, Mixed Sand	Petrographic Examination	IS 2386 (Part 8/Method 1)
138	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse/Fine), Crusher Stone Dust, Natural Sand, M- Sand, Mixed Sand	Shale	IS 2386 (Part 2)
139	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse/Fine), Crusher Stone Dust, Natural Sand, M- Sand, Mixed Sand	Soft Figments	IS 2386 (Part 2)
140	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse/Fine), Crusher Stone Dust, Natural Sand, M- Sand, Mixed Sand	Total Percentage of All Deleterious Material	IS 2386 (Part 2)
141	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine), Crusher Stone Dust, Natural Sand, M-Sand, Mixed Sand	Bulking	IS 2386 (Part 3)
142	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine), Crusher Stone Dust, Natural Sand, M-Sand, Mixed Sand	Grading / Sieve Analysis (10mm,4.75mm,2.36mmm,1.18mm,0.600mm,0.300mm,0.150mm)	IS 2386 (Part 1)
143	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine), Crusher Stone Dust, Natural Sand, M-Sand, Mixed Sand	Sand Equivalent Value	IS 2386 (Part 37)
144	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine), Crusher Stone Dust, Natural Sand, M-Sand, Mixed Sand	Soundness by MgSO4	IS 2386 (Part 5)
145	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine), Crusher Stone Dust, Natural Sand, M-Sand, Mixed Sand	Soundness by Na2SO4	IS 2386 (Part 5)
146	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine), Crusher Stone Dust, Natural Sand, M-Sand, Mixed Sand	Specfic Gravity	IS 2386 (Part 3)

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147	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine), Crusher Stone Dust, Natural Sand, M-Sand, Mixed Sand	Water Absorption	IS 2386 (Part 3)
148	MECHANICAL- BUILDINGS MATERIALS	Aluminium Composite Panel	Dimensions (Thickness)	IS 1786
149	MECHANICAL- BUILDINGS MATERIALS	Aluminium Composite Panel	Weight Per Area	CEGTH/STP/M/001 Issue No. 01 January 2020
150	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Absolute Viscosity	IS 1206 (Part 2)
151	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Ductility Test	IS 1208
152	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Elastic Recovery	IS 15462
153	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Elastic Recovery of Half Thread at 25 degree	IS 15462
154	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Flash Point	IS 1209
155	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Flash Point	IS 1448 (Part 69)
156	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Increase in Softening Point	IS 1205
157	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Kinematic Viscosity	IS 1206 (Part 3)
158	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Loss in Mass	IS 9382
159	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Loss on Heating	IS 1212
160	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Penetration of Residue	IS 1203
161	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Penetration Test	IS 1203
162	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Reduction in Penetration of Residue	IS 1203
163	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Separation Test	IS 15462
164	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Softening Point	IS 1205
165	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Solubility in Trichloroethylene	IS 1216

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166	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Specific Gravity	IS 1202
167	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified/Industrial/Paving)	Viscosity Ratio @ 60 °C	IS 1206 (Part 2)
168	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coagulation of Emulsion	IS 8887
169	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coating Ability & Water Resistance	IS 8887
170	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation	IS 1212
171	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Ductility	IS 1208
172	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Homogeneity	IS 8887
173	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with Water	IS 8887
174	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Particle Charge	IS 8887
175	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Penetration	IS 1203
176	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue by Evaporation	IS 8887
177	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600 µm	IS 8887
178	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Shelf Life Test	IS 8887
179	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Solubility in Trichloroethylene	IS 1216
180	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Stability to Mixing with Cement	IS 8887
181	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage Stability	IS 8887
182	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by Saybolt Furol Viscometer at 25°C	IS 3117
183	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by Saybolt Furol Viscometer at 50°C	IS 3117
184	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Water Content	IS 1211

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185	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Bitumen Content	ASTM D2172/D2172M
186	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	GMM	ASTM D2041M
187	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D6927
188	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Water Sensitivity Retain Tensile Testing	AASHTO T283
189	MECHANICAL- BUILDINGS MATERIALS	Bricks (Heavy Duty Burnt Clay Building Bricks/Pulverized Fuel Ash-Lime Bricks)	Bulk Density (Heavy duty)	IS 2180
190	MECHANICAL- BUILDINGS MATERIALS	Bricks (Heavy Duty Burnt Clay Building Bricks/Pulverized Fuel Ash-Lime Bricks)	Compressive Strength	IS 3495 (Part 1)
191	MECHANICAL- BUILDINGS MATERIALS	Bricks (Heavy Duty Burnt Clay Building Bricks/Pulverized Fuel Ash-Lime Bricks)	Dimensions (Heavy Duty) Height	IS 2180
192	MECHANICAL- BUILDINGS MATERIALS	Bricks (Heavy Duty Burnt Clay Building Bricks/Pulverized Fuel Ash-Lime Bricks)	Dimensions (Heavy Duty) Length	IS 2180
193	MECHANICAL- BUILDINGS MATERIALS	Bricks (Heavy Duty Burnt Clay Building Bricks/Pulverized Fuel Ash-Lime Bricks)	Dimensions (Heavy Duty) Width	IS 2180
194	MECHANICAL- BUILDINGS MATERIALS	Bricks (Heavy Duty Burnt Clay Building Bricks/Pulverized Fuel Ash-Lime Bricks)	Dimensions (Height)	IS 1077
195	MECHANICAL- BUILDINGS MATERIALS	Bricks (Heavy Duty Burnt Clay Building Bricks/Pulverized Fuel Ash-Lime Bricks)	Dimensions (Height)	IS 12894
196	MECHANICAL- BUILDINGS MATERIALS	Bricks (Heavy Duty Burnt Clay Building Bricks/Pulverized Fuel Ash-Lime Bricks)	Dimensions (Length)	IS 1077
197	MECHANICAL- BUILDINGS MATERIALS	Bricks (Heavy Duty Burnt Clay Building Bricks/Pulverized Fuel Ash-Lime Bricks)	Dimensions (Length)	IS 12894
198	MECHANICAL- BUILDINGS MATERIALS	Bricks (Heavy Duty Burnt Clay Building Bricks/Pulverized Fuel Ash-Lime Bricks)	Dimensions (Width)	IS 1077
199	MECHANICAL- BUILDINGS MATERIALS	Bricks (Heavy Duty Burnt Clay Building Bricks/Pulverized Fuel Ash-Lime Bricks)	Dimensions (Width)	IS 12894
200	MECHANICAL- BUILDINGS MATERIALS	Bricks (Heavy Duty Burnt Clay Building Bricks/Pulverized Fuel Ash-Lime Bricks)	Efflorescence	IS 3495 (Part 3)
201	MECHANICAL- BUILDINGS MATERIALS	Bricks (Heavy Duty Burnt Clay Building Bricks/Pulverized Fuel Ash-Lime Bricks)	Water Absorption	IS 3495 (Part 2)
202	MECHANICAL- BUILDINGS MATERIALS	Building Stone	Compressive Strength	IS 1121 (Part 1)
203	MECHANICAL- BUILDINGS MATERIALS	Building Stone	Porosity	IS 1124

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204	MECHANICAL- BUILDINGS MATERIALS	Building Stone	True Specific Gravity	IS 1122
205	MECHANICAL- BUILDINGS MATERIALS	Building Stone	Water Absorption	IS 1124
206	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Flatness	IS 1237
207	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Length	IS 1237
208	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Perpendicularity	IS 1237
209	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Resistance to Wear Test	IS 1237
210	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Straightness	IS 1237
211	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Thickness	IS 1237
212	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237
213	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Wet Transverse Strength	IS 1237
214	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Width	IS 1237
215	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, PSC, SRC & WPC	Compressive Strength (3 Days)	IS 4031 (Part 6)
216	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, PSC, SRC & WPC	Compressive Strength (7 Days & 28 Days)	IS 4031 (Part 6)
217	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, PSC, SRC & WPC	Consistency	IS 4031 (Part 4)
218	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, PSC, SRC & WPC	Density (Specific Gravity)	IS 4031 (Part 11)
219	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, PSC, SRC & WPC	Drying Shrinkage	IS 4031 (Part 10)
220	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, PSC, SRC, & WPC	Fineness (by Blaine Air)	IS 4031 (Part 2)
221	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, PSC, SRC, & WPC	Fineness (by Dry Sieving)	IS 4031 (Part 1)
222	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, PSC, SRC, & WPC	Setting Time-Final	IS 4031 (Part 5)

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223	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, PSC, SRC, & WPC	Setting Time-Initial	IS 4031 (Part 5)
224	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, PSC, SRC, & WPC	Soundness (Autoclave)	IS 4031 (Part 3)
225	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, PSC, SRC, & WPC	Soundness (Le-Chatelier Method)	IS 4031 (Part 3)
226	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, PSC, SRC, & WPC	Transverse Strength	IS 4031 (Part 8)
227	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension (Length)	IS 13630 (Part 1)
228	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension (Thickness)	IS 13630 (Part 1)
229	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension (Width)	IS 13630 (Part 1)
230	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Flatness	IS 13630 (Part 1)
231	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Modulus of Rupture	IS 13630 (Part 6)
232	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Rectangularitty	IS 13630 (Part 1)
233	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Scratch Hardness	IS 13630 (Part 13)
234	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Straightness	IS 13630 (Part 1)
235	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 (Part 2)
236	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Flatness	IS 13801
237	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Length	IS 13801
238	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Perpendicularity	IS 13801
239	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Resistance to Wear Test	IS 13801
240	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Straightness	IS 13801
241	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Thickness	IS 13801

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242	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Water Absorption	IS 13801
243	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Wet Transverse Strength	IS 13801
244	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Width	IS 13801
245	MECHANICAL- BUILDINGS MATERIALS	Cncrete	Splitting Tensile Strength	IS 5816
246	MECHANICAL- BUILDINGS MATERIALS	Concrete	Accelerated Curing of Concrete for Compressive Strength	IRC 85
247	MECHANICAL- BUILDINGS MATERIALS	Concrete	Accelerated Curing of Concrete for Compressive Strength	IS 9013
248	MECHANICAL- BUILDINGS MATERIALS	Concrete	Air Content Test	IS 1199 (Part 4)
249	MECHANICAL- BUILDINGS MATERIALS	Concrete	Bleeding Test	IS 1199
250	MECHANICAL- BUILDINGS MATERIALS	Concrete	Cylindrical Compressive Strength	IS 516
251	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength	IS 516
252	MECHANICAL- BUILDINGS MATERIALS	Concrete	Modulus of Elasticity of Concrete	IS 516
253	MECHANICAL- BUILDINGS MATERIALS	Concrete	Rapid Chloride Ion Penetration Test	ASTM C1202
254	MECHANICAL- BUILDINGS MATERIALS	Concrete	Setting Time-Final	IS 1199 (Part 7)
255	MECHANICAL- BUILDINGS MATERIALS	Concrete	Setting Time-Initial	IS 1199 (Part 7)
256	MECHANICAL- BUILDINGS MATERIALS	Concrete	Workability by Compaction Factor	IS 1199
257	MECHANICAL- BUILDINGS MATERIALS	Concrete	Workability by Flow Table Test	IS 1199 (Part 2)
258	MECHANICAL- BUILDINGS MATERIALS	Concrete	Workability by Slump Test	IS 1199
259	MECHANICAL- BUILDINGS MATERIALS	Concrete	Workability by V Funnel Test	IS 1199 (Part 6)
260	MECHANICAL- BUILDINGS MATERIALS	Concrete, CC Cube	Compressive Strength	IS 516

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261	MECHANICAL- BUILDINGS MATERIALS	Coupler	Breaking Strength	IS 16172
262	MECHANICAL- BUILDINGS MATERIALS	Coupler	Location of Fracture	IS 16172
263	MECHANICAL- BUILDINGS MATERIALS	Coupler	Pull-Out Test	IS 16172
264	MECHANICAL- BUILDINGS MATERIALS	Coupler	Yield Stress	IS 16172
265	MECHANICAL- BUILDINGS MATERIALS	Door Shutter	Dimension & Squareness	IS 4020 (Part 2)
266	MECHANICAL- BUILDINGS MATERIALS	Door Shutter	Dimension & Squareness (Length)	IS 4020 (Part 2)
267	MECHANICAL- BUILDINGS MATERIALS	Door Shutter	Dimension & Squareness (Thickness)	IS 4020 (Part 2)
268	MECHANICAL- BUILDINGS MATERIALS	Door Shutter	Dimension & Squareness (Width)	IS 4020 (Part 2)
269	MECHANICAL- BUILDINGS MATERIALS	Door Shutter	End Immersion Test	IS 4020 (Part 13)
270	MECHANICAL- BUILDINGS MATERIALS	Door Shutter	Glue Adhesion Test	IS 4020 (Part 15)
271	MECHANICAL- BUILDINGS MATERIALS	Door Shutter	Knife Test	IS 4020 (Part 14)
272	MECHANICAL- BUILDINGS MATERIALS	Fly Ash, Fuel Ash, Pond Ash, Micro Silica, Silica Fume	Compressive Strength	IS 1727
273	MECHANICAL- BUILDINGS MATERIALS	Fly Ash, Fuel Ash, Pond Ash, Micro Silica, Silica Fume	Consistency	IS 4031 (Part 4)
274	MECHANICAL- BUILDINGS MATERIALS	Fly Ash, Fuel Ash, Pond Ash, Micro Silica, Silica Fume	Drying Shrinkage	IS 1727
275	MECHANICAL- BUILDINGS MATERIALS	Fly Ash, Fuel Ash, Pond Ash, Micro Silica, Silica Fume	Fineness (By Blaine air)	IS 1727
276	MECHANICAL- BUILDINGS MATERIALS	Fly Ash, Fuel Ash, Pond Ash, Micro Silica, Silica Fume	Lime Reactivity	IS 1727
277	MECHANICAL- BUILDINGS MATERIALS	Fly Ash, Fuel Ash, Pond Ash, Micro Silica, Silica Fume	Particle Retained on 45 micron (Wet Sieving)	IS 3812 (Part 1)
278	MECHANICAL- BUILDINGS MATERIALS	Fly Ash, Fuel Ash, Pond Ash, Micro Silica, Silica Fume	Particle Retained on 45 micron (Wet Sieving)	IS 3812 (Part 2)
279	MECHANICAL- BUILDINGS MATERIALS	Fly Ash, Fuel Ash, Pond Ash, Micro Silica, Silica Fume	Setting Time-Final	IS 4031 (Part 5)

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280	MECHANICAL- BUILDINGS MATERIALS	Fly Ash, Fuel Ash, Pond Ash, Micro Silica, Silica Fume	Setting Time-Initial	IS 4031 (Part 5)
281	MECHANICAL- BUILDINGS MATERIALS	Fly Ash, Fuel Ash, Pond Ash, Micro Silica, Silica Fume	Soundness (Autoclave)	IS 4031 (Part 3)
282	MECHANICAL- BUILDINGS MATERIALS	Fly Ash, Fuel Ash, Pond Ash, Micro Silica, Silica Fume	Soundness (Le-Chatelier Method)	IS 4031 (Part 3)
283	MECHANICAL- BUILDINGS MATERIALS	Fly Ash, Fuel Ash, Pond Ash, Micro Silica, Silica Fume	Specific Gravity (Density)	IS 1727
284	MECHANICAL- BUILDINGS MATERIALS	Glazed Stoneware Pipes and Fittings	Absorption Test	IS 651
285	MECHANICAL- BUILDINGS MATERIALS	Glazed Stoneware Pipes and Fittings	Crushing Strength Test	IS 651
286	MECHANICAL- BUILDINGS MATERIALS	Glazed Stoneware Pipes and Fittings	Glazing	IS 651
287	MECHANICAL- BUILDINGS MATERIALS	Glazed Stoneware Pipes and Fittings	Hydraulic Test	IS 651
288	MECHANICAL- BUILDINGS MATERIALS	Glazed Stoneware Pipes and Fittings	Internal Depth of Socket	IS 651
289	MECHANICAL- BUILDINGS MATERIALS	Glazed Stoneware Pipes and Fittings	Internal Diameter	IS 651
290	MECHANICAL- BUILDINGS MATERIALS	Glazed Stoneware Pipes and Fittings	Length of Barrel Excluding Socket	IS 651
291	MECHANICAL- BUILDINGS MATERIALS	Glazed Stoneware Pipes and Fittings	Length of Groove at Spingot	IS 651
292	MECHANICAL- BUILDINGS MATERIALS	Glazed Stoneware Pipes and Fittings	Straightness	IS 651
293	MECHANICAL- BUILDINGS MATERIALS	Glazed Stoneware Pipes and Fittings	Thickness of Barrel	IS 651
294	MECHANICAL- BUILDINGS MATERIALS	Glazed Stoneware Pipes and Fittings	Thickness of Socket	IS 651
295	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plasters	Compressive Strength	IS 2542 (Part 1/Section 5)
296	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plasters	Dry Bulk Density	IS 2542 (Part 1/Section 12)
297	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plasters	Dry Set Density	IS 2542 (Part 1/Section 5)
298	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plasters	Expansion on Setting Percentage	IS 2542 (Part 1/Section 9)

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299	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plasters	Mechanical Resistance	IS 2542 (Part 1/Section 7)
300	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plasters	Residue on 150 micron Sieve	IS 2542 (Part 1/Section 8)
301	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plasters	Setting Time (Neat Plaster)	IS 2542 (Part 1/Section 3)
302	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plasters	Setting Time (Plaster Sand Mixture)	IS 2542 (Part 1/Section 3)
303	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plasters	Soundness	IS 2542 (Part 1/Section 6)
304	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plasters	Transverse Strength	IS 2542 (Part 1/Section 4)
305	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Core Compressive Strength	BS 1881 (Part 120)
306	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Core Compressive Strength	IS 516
307	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water Permeability	BS EN 12390-8
308	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Abrasion Resistance (Wet/Dry)	IS 15658
309	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Arris/Chamfer	IS 15658
310	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Aspect Ratio	IS 15658
311	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
312	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Flexural Strength	IS 15658
313	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Freeze Thaw Durability	IS 15658
314	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Height	IS 15658
315	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Length	IS 15658
316	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Plan Area	IS 15658
317	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Squareness	IS 15658

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318	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Tensile Splitting Strength	IS 15658
319	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Thickness of Wearing Layer	IS 15658
320	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
321	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Wearing Face Area	IS 15658
322	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Width	IS 15658
323	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand for Pre-Stressed Concrete	Area of Strand	IS 14268
324	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand for Pre-Stressed Concrete	Breaking Strength	IS 14268
325	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand for Pre-Stressed Concrete	Mass of Strand	IS 14268
326	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand for Pre-Stressed Concrete	Proof Load	IS 14268
327	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Bricks	Block Density	IS 2185 (Part 1)
328	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Bricks	Compressive Strength	IS 2185 (Part 1)
329	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Bricks	Drying Shrinkage	IS 2185 (Part 1)
330	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Bricks	Height	IS 2185 (Part 1)
331	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Bricks	Length	IS 2185 (Part 1)
332	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Bricks	Moisture Movement	IS 2185 (Part 1)
333	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Bricks	Water Aborption	IS 2185 (Part 1)
334	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Bricks	Width	IS 2185 (Part 1)
335	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	% Elongation	IS 1608 (Part 1)
336	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	% Elongation	IS 1608 (Part 3)

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337	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	% Elongation	IS 1786
338	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	Area of Transverse Rib	IS 1786
339	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	Bend Test	IS 1599
340	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	Modulus of Elasticity	IS 1608 (Part 1)
341	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	Modulus of Elasticity	IS 1608 (Part 3)
342	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	Nominal Mass/Weight per Meter	IS 1786
343	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	Re-Bend Test	IS 1786
344	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	Total Elongation at Maximum Force	IS 1608 (Part 1)
345	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	Total Elongation at Maximum Force	IS 1608 (Part 3)
346	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	Total Elongation at Maximum Force	IS 1786
347	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	TS/YS Ratio	IS 1786
348	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	Ultimate Tensile Strength	IS 1608 (Part 1)
349	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	Ultimate Tensile Strength	IS 1608 (Part 3)
350	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	Ultimate Tensile Strength	IS 432 (Part 1)
351	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	Ultimate Tensile Strength	IS 432 (Part 2)
352	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	X-Sectional Area	IS 1786
353	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	Yield Stress/0.2% Proof Stress	IS 1608 (Part 1)
354	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	Yield Stress/0.2% Proof Stress	IS 1608 (Part 3)
355	MECHANICAL- BUILDINGS MATERIALS	Steel Bars	Yield Stress/0.2% Proof Stress	IS 1786

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356	MECHANICAL- BUILDINGS MATERIALS	Steel Wires	% Elongation	IS 1608 (Part 1)
357	MECHANICAL- BUILDINGS MATERIALS	Steel Wires	% Elongation	IS 1608 (Part 3)
358	MECHANICAL- BUILDINGS MATERIALS	Steel Wires	% Elongation	IS 432 (Part 1)
359	MECHANICAL- BUILDINGS MATERIALS	Steel Wires	% Elongation	IS 432 (Part 2)
360	MECHANICAL- BUILDINGS MATERIALS	Steel Wires	Bend Test	IS 1599
361	MECHANICAL- BUILDINGS MATERIALS	Steel Wires	Ultimate Tensile Strength	IS 1608 (Part 1)
362	MECHANICAL- BUILDINGS MATERIALS	Steel Wires	Ultimate Tensile Strength	IS 1608 (Part 3)
363	MECHANICAL- BUILDINGS MATERIALS	Steel Wires	Ultimate Tensile Strength	IS 432 (Part 1)
364	MECHANICAL- BUILDINGS MATERIALS	Steel Wires	Ultimate Tensile Strength	IS 432 (Part 2)
365	MECHANICAL- BUILDINGS MATERIALS	Steel Wires	Yield Stress	IS 1608 (Part 1)
366	MECHANICAL- BUILDINGS MATERIALS	Steel Wires	Yield Stress	IS 1608 (Part 3)
367	MECHANICAL- BUILDINGS MATERIALS	Steel Wires	Yield Stress	IS 432 (Part 1)
368	MECHANICAL- BUILDINGS MATERIALS	Steel Wires	Yield Stress	IS 432 (Part 2)
369	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	% Elongation	IS 1608 (Part 1)
370	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	% Elongation	IS 1608 (Part 3)
371	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	% Elongation	IS 2062
372	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Bend Test	IS 1599
373	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Ultimate Tensile Strength	IS 1608 (Part 1)
374	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Ultimate Tensile Strength	IS 1608 (Part 3)

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375	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Ultimate Tensile Strength	IS 2062
376	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Yield Stress	IS 1608 (Part 1)
377	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Yield Stress	IS 1608 (Part 3)
378	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Yield Stress	IS 2062
379	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness Dry	IS 6186
380	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness Wet	IS 6186
381	MECHANICAL- SOIL AND ROCK	Bentonite	Free Swelling Index	IS 2720 (Part 40)
382	MECHANICAL- SOIL AND ROCK	Bentonite	Liquid Limit	IS 2720 (Part 5)
383	MECHANICAL- SOIL AND ROCK	Bentonite	Marsh Cone Viscosity	ASTM D6910
384	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS 6186
385	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS 6186
386	MECHANICAL- SOIL AND ROCK	Bentonite	Swelling Power	IS 6186
387	MECHANICAL- SOIL AND ROCK	Rock	Brazilian Tensile Test	IS 10082
388	MECHANICAL- SOIL AND ROCK	Rock	Bulk Density of Rock	IS 13030
389	MECHANICAL- SOIL AND ROCK	Rock	Cerchar Test	ASTM D7625
390	MECHANICAL- SOIL AND ROCK	Rock	Geological Classification of Rock	IS 4464
391	MECHANICAL- SOIL AND ROCK	Rock	Modulus of Elasticity	IS 9221
392	MECHANICAL- SOIL AND ROCK	Rock	Point Load Strength Index	IS 8764
393	MECHANICAL- SOIL AND ROCK	Rock	Poisson's Ratio	IS 9221

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394	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
395	MECHANICAL- SOIL AND ROCK	Rock	Relative Density	IS 13030
396	MECHANICAL- SOIL AND ROCK	Rock	Slake Durability Test	IS 10050
397	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength test	IS 9143
398	MECHANICAL- SOIL AND ROCK	Rock	Water content / Absorption	IS 13030
399	MECHANICAL- SOIL AND ROCK	Soil	Atterberg’s Limit (Liquid Limit)	IS 2720 (Part 5)
400	MECHANICAL- SOIL AND ROCK	Soil	Atterberg’s Limit (Plastic Limit)	IS 2720 (Part 5)
401	MECHANICAL- SOIL AND ROCK	Soil	Atterberg’s Limit (Shrinkage Limit)	IS 2720 (Part 6)
402	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR) (Soaked)	IS 2720 (Part 16)
403	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR) (Unsoaked)	IS 2720 (Part 16)
404	MECHANICAL- SOIL AND ROCK	Soil	Consolidated Drained Test (CDT) (Cohesion)	IS 2720 (Part 12)
405	MECHANICAL- SOIL AND ROCK	Soil	Consolidated Drained Test (CDT) (PHI)	IS 2720 (Part 12)
406	MECHANICAL- SOIL AND ROCK	Soil	Consolidated Undrained Test (CUT) (Cohesion)	IS 2720 (Part 12)
407	MECHANICAL- SOIL AND ROCK	Soil	Consolidated Undrained Test (CUT) (PHI)	IS 2720 (Part 12)
408	MECHANICAL- SOIL AND ROCK	Soil	Consolidation (MV)	IS 2720 (Part 15)
409	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (AV)	IS 2720 (Part 15)
410	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (CC)	IS 2720 (Part 15)
411	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Cv)	IS 2720 (Part 15)
412	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (UU/CU/CD) (Cohesion)	IS 2720 (Part 13)

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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
413	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (UU/CU/CD) (PHI)	IS 2720 (Part 13)
414	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
415	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Hydrometer)	IS 2720 (Part 4)
416	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Wet Sieve Analysis)	IS 2720 (Part 4)
417	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis/ Sieve Analysis (Dry)	IS 2720 (Part 4)
418	MECHANICAL- SOIL AND ROCK	Soil	Modified Proctor Compaction (MDD)	IS 2720 (Part 8)
419	MECHANICAL- SOIL AND ROCK	Soil	Modified Proctor Compaction (OMC)	IS 2720 (Part 8)
420	MECHANICAL- SOIL AND ROCK	Soil	Permeability	IS 2720 (Part 17)
421	MECHANICAL- SOIL AND ROCK	Soil	Plasticity Index	IS 2720 (Part 5)
422	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3)
423	MECHANICAL- SOIL AND ROCK	Soil	Standard Proctor Compaction (MDD)	IS 2720 (Part 7)
424	MECHANICAL- SOIL AND ROCK	Soil	Standard Proctor Compaction (OMC)	IS 2720 (Part 7)
425	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 (Part 41)
426	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Compression Test Without Pore Pressure Measurement (Cohesion)	IS 2720 (Part 11)
427	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Compression Test Without Pore Pressure Measurement (PHI)	IS 2720 (Part 11)
428	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength (UCS)	IS 2720 (Part 10)
429	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)
430	MECHANICAL- WOOD AND WOOD PRODUCTS	Particle Board	Density	IS 2380 (Part 6)

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431	MECHANICAL- WOOD AND WOOD PRODUCTS	Particle Board	Moisture Content	IS 2380 (Part 3)
432	MECHANICAL- WOOD AND WOOD PRODUCTS	Particle Board	Water Absorption	IS 2380 (Part 6)
433	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Density	IS 1734 (Part 1)
434	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Moisture Content	IS 1734 (Part 1)
435	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Resistance to Dry Heat	IS 1734 (Part 2)
436	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Moisture Content	IS 1708 (Part 1)
437	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Specific Gravity	IS 1708 (Part 2)
438	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Half Cell Potential Difference Test	IS 516 (Part 5/Section 2)
439	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer	IS 516 (Part 5/Section 4)
440	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity Test	IS 516 (Part 5/Section 1)
441	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Carbonation Test	IS 516 (Part 5/Section 3)

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Site Facility				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Half Cell Potential Difference Test	IS 516 (Part 5/Section 2)
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Pile Integrity Test	ASTM D5882
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer	IS 516 (Part 5/Section 4)
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity Test	IS 516 (Part 5/Section 1)
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Carbonation Test	IS 516 (Part 5/Section 3)