



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SHREE BALAJI TEST HOUSE PRIVATE LIMITED (TESTING DIVISION), BUNGLOW NO. 772, VAIGNANIK NIWAS, USARLI KHURD, TEHSIL: PANVEL, NAVI MUMBAI, DISTRICT: RAIGAD, MAHARASHTRA, INDIA

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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 Testing				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103 (Annex-E, E-2)
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Ion Content	IS 6925 (Cl.3) (by Volumetric Method)
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103 (Annex-E, E-1)
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH Value	IS 9103 (Annex-E, E-5)
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103 (Annex-E, E-3)
6	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Alumina as Al ₂ O ₃	IS 4032 (Cl.4.6.1) (by Gravimetric Method)
7	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Calcium Oxide as CaO	IS 4032 (Cl.4.7.2) (by EDTA Method)
8	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Chloride	IS 4032 (Amend. 2) (Cl.4.13)
9	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Ferric Oxide as Fe ₂ O ₃	IS 4032 (Cl.4.5.2) (by EDTA Method)
10	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Insoluble Residue	IS 4032 (Cl.4.10)
11	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Loss on Ignition	IS 4032 (Cl.4.2)
12	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Magnesia as MgO	IS 4032 (Cl.4.8.2) (by EDTA Method)
13	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Silica as SiO ₂	IS 4032 (Cl.4.3)
14	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Sulfuric Anhydride as SO ₃	IS 4032 (Cl.4.9)
15	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Chloride	IS 4032 (Amend. 2) (Cl.4.13)
16	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Insoluble Residue	IS 4032 (Cl.4.10)



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17	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Loss on Ignition	IS 4032 (Cl.4.2)
18	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Magnesia as MgO	IS 4032 (Cl.4.8.2) (by EDTA Method)
19	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Sulfuric Anhydride as SO ₃	IS 4032 (Cl.4.9)
20	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium / High alloys Steel	Phosphorous	IS 228 (Part 3) (Cl.5)
21	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium / High Alloys Steel	Silicon	IS 228 (Part 8) (Cl.4.3.1) (by Gravimetric Method)
22	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium / High alloys Steel	Sulphur	IS 228 (Part 9) (Cl.5.3.1) (by Evolution Method)
23	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/High Alloys Steel	Carbon	IS 228 (Part 1) (Cl.5.1) (by Volumetric Method)
24	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Carbon	IS 228 (Part 1) (Cl.5.1) (by Volumetric Method)
25	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Manganese	IS 228 (Part 2) (Cl.4.3)
26	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Phosphorous	IS 228 (Part 3) (Cl.5) (by Alkali Metric Method)
27	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Silicon	IS 228 (Part 8) (Cl.4.3.1) (by Gravimetric Method)
28	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Sulphur	IS 228 (Part 9) (Cl.5.3.1) (by Evolution Method)
29	CHEMICAL- WATER	Water for Construction Purpose	Chloride	IS 3025 (Part 32) (Cl.2.5)
30	CHEMICAL- WATER	Water for Construction Purpose	Inorganic Solids	IS 3025 (Part 18) (Cl.6.0)
31	CHEMICAL- WATER	Water for Construction Purpose	Neutralization Value 0.02 N (NaOH), per 100 ml of Sample (Activity)	IS 3025 (Part 22) (Cl.8.1)
32	CHEMICAL- WATER	Water for Construction Purpose	Neutralization Value 0.02N (H ₂ SO ₄), per 100 ml of Sample (Alkalinity)	IS 3025 (Part 23) (Cl.8.1)
33	CHEMICAL- WATER	Water for Construction Purpose	Organic Solids	IS 3025 (Part 18) (Cl.6.0)



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34	CHEMICAL- WATER	Water for construction purpose	pH Value	IS 3025 (Part 11) (Cl.2.6)
35	CHEMICAL- WATER	Water for Construction Purpose	Sulphate	IS 3025 (Part 24/ Sec 1) (Cl.4.8)
36	CHEMICAL- WATER	Water for Construction Purpose	Suspended Matter	IS 3025 (Part 17) (Cl.4.0)
37	CHEMICAL- WATER	Water for Construction Purpose	Total Dissolved Solids	IS 3025 (Part 16)
38	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	ACC Block	Bulk Density	IS 6441 (Part 1)
39	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	ACC Block	Compressive Strength	IS 6441 (Part 5)
40	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	ACC Block	Dimension - Height	IS 2185 (Part 3)
41	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	ACC Block	Dimension - Length	IS 2185 (Part 3)
42	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	ACC Block	Dimension - Width	IS 2185 (Part 3)
43	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix	Bitumen Content/Binder Content Test	ASTM D2172



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44	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix	Density	ASTM D2726
45	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix	Effect of Water at Bituminous - Coated Aggregate using Boiling Water	ASTM D3625-M
46	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix	Marshal Flow	ASTM D6927
47	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix	Marshal Stability	ASTM D6927
48	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix	Retained Tensile Strength	AASHTO T 283
49	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Dimension - Height	IS 1077
50	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Dimension - Length	IS 1077



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51	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Dimension - Width	IS 1077
52	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks/ Fly Ash Building Bricks	Compressive Strength	IS 3495 (Part 1)
53	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks/ Fly Ash Building Bricks	Efflorescence	IS 3495 (Part 3)
54	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks/ Fly Ash Building Bricks	Water Absorption	IS 3495 (Part 2)
55	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (OPC/PPC/PSC)	Compressive Strength	IS 4031 (Part 6)
56	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (OPC/PPC/PSC)	Density	IS 4031 (Part 11)
57	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (OPC/PPC/PSC)	Final Setting Time	IS 4031 (Part 5)



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58	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (OPC/PPC/PSC)	Fineness	IS 4031 (Part 1) (by Dry Sieving Method)
59	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (OPC/PPC/PSC)	Fineness	IS 4031 (Part 2) (by Blaine Air Permeability Method)
60	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (OPC/PPC/PSC)	Initial Setting Time	IS 4031 (Part 5)
61	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (OPC/PPC/PSC)	Soundness	IS 4031 (Part 3) (by Autoclave Expansion Method)
62	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (OPC/PPC/PSC)	Soundness	IS 4031 (Part 3) (by Le-Chatelier Expansion Method)
63	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (OPC/PPC/PSC)	Standard Consistency	IS 4031 (Part 4)
64	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Tiles	Dimension (Length)	IS 1237 (Cl.7)



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65	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Tiles	Dimension (Thickness)	IS 1237 (Cl.7)
66	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Tiles	Dimension (Width)	IS 1237 (Cl.7)
67	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Tiles	Flatness	IS 1237 (Annex B)
68	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Tiles	Perpendicularity	IS 1237 (Annex C)
69	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Tiles	Water Absorption	IS 1237 (Annex E)
70	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement Concrete Tiles	Wet Transverse Strength	IS 1237 (Annex F)
71	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Soundness	IS 2386 (Part 5) (by Na2SO4)



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72	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (Part 4)
73	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS 2386 (Part 4)
74	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Alkali Aggregate Reactivity	IS 2386 (Part 7) (by Mortar Bar Method)
75	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
76	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
77	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Deleterious Materials (Clay lumps)	IS 2386 (Part 2)
78	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Deleterious Materials (Coal & Lignite)	IS 2386 (Part 2)



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79	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
80	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
81	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS 2386 (Part 4)
82	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Material Finer than 75 micron IS Sieve	IS 2386 (Part 1)
83	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Sieve Analysis (80 mm to 2.36 mm)	IS 2386 (Part 1)
84	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Soundness	IS 2386 (Part 5) (by MgSO ₄)
85	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)



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86	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Stripping Value	IS 6241
87	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
88	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Air Content	IS 9103 (Cl.4)
89	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Bleeding	IS 9103 (Cl.4)
90	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Compressive Strength (Percent of Control Sample)	IS 516 (Part 1/ Sec 1)
91	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Compressive Strength (Percent of Control Sample)	IS 9103 (Cl.4)
92	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Drying Shrinkage	IS 516 (Part 6)



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93	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Flexural Strength (Percent of Control Sample)	IS 516 (Part 1/ Sec 1)
94	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Flow	IS 9103
95	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Length change (Percent Increase over Control Sample)	IS 9103 (Cl.4)
96	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Loss of Workability	IS 9103 (Cl.4)
97	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Time of Setting, Allowable Deviation from Control Sample	IS 9103 (Cl.4)
98	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Admixture	Water Content	IS 9103 (Cl.4)
99	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Kerb	Angle of Kerb	IS 5758 (Cl.6.1)



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100	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Kerb	Compressive Strength	IS 516 (Part 1/ Sec 1)
101	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Kerb	Height of Kerb	IS 5758 (Annexure-B)
102	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Kerb	Thickness of Kerb	IS 5758 (Annexure-B)
103	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Kerb	Water Absorption	IS 5758 (Annexure-D)
104	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
105	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Alkali Aggregate Reactivity	IS 2386 (Part 7) (by Mortar Bar Method)
106	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Deleterious Materials (Clay lumps)	IS 2386 (Part 2)



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107	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Deleterious Materials (Coal & Lignite)	IS 2386 (Part 2)
108	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Mortar Making Properties (Crushing Strength)	IS 2386 (Part 6)
109	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Sand Equivalent Value (Crushing Strength)	IS 2720 (Part 37)
110	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Sieve Analysis (10 mm to 0.150 mm)	IS 2386 (Part 1)
111	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Silt Content	CPWD Volume 1 (Appendix-C)
112	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Soundness	IS 2386 (Part 5) (by MgSO ₄)
113	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Soundness	IS 2386 (Part 5) (by Na ₂ SO ₄)



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114	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
115	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
116	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Compressive Strength	IS 1727 (Cl.10)
117	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Fineness	IS 1727 (Cl.6.1) (by Blaine Air Permeability)
118	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Lime Reactivity	IS 1727 (Cl.9)
119	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Particles Retained on 45 micron	IS 1727 (Cl.6.2.5)
120	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Soundness	IS 1727 (Cl.7) (by Autoclave Expansion Method)



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121	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Specific Gravity	IS 1727 (Cl.15)
122	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash Building Bricks	Dimension - Height	IS 13757
123	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash Building Bricks	Dimension - Length	IS 13757
124	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash Building Bricks	Dimension - Width	IS 13757
125	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Compaction Factor	IS 1199 (Part 6)
126	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Density	IS 1199 (Part 3)
127	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Slump	IS 1199 (Part 2)



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128	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub Base	Aggregate Impact Value	IS 2386 (Part 4)
129	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub Base	Grading (Sieve Size: 4.75mm to 63mm)	IS 2386 (Part 1), Table 400-1 MORT&H Specification
130	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub Base	Water Absorption	IS 2386 (Part 3)
131	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ground Granulated Blast Furnace Slag	Moisture Content	IS 16714 (Annex B)
132	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ground Granulated Blast Furnace Slag	Slag Activity Index - 28 days	IS 4031 (Part 6)
133	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ground Granulated Blast Furnace Slag	Slag Activity Index - 7 days	IS 4031 (Part 6)
134	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Compressive Strength of Accelerated Cured Concrete Specimen	IS 516 (Part 1/ Sec 1)



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135	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Compressive Strength of Concrete Cores	IS 516 (Part 4)
136	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Compressive Strength of Concrete Cube/ Cylindrical	IS 516 (Part 1/ Sec 1)
137	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Depth of Water Penetration under Pressure	DIN 1048 (Part 5)
138	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Depth of Water Penetration under Pressure	IS 516 (Part 2/ Sec 1)
139	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Flexural Strength	IS 516 (Part 1/ Sec 1)
140	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Split Tensile Strength	IS 516 (Part 1/ Sec 1)
141	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Block	Breaking Load	IS 15658 (Annex-G)



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142	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Block	Compressive Strength	IS 15658 (Annex-D)
143	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Block	Dimension (Length)	IS 15658 (Annex-B)
144	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Block	Dimension (Thickness)	IS 15658 (Annex-B)
145	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Block	Dimension (Width)	IS 15658 (Annex-B)
146	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Block	Flexural Strength	IS 15658 (Annex-G)
147	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Block	Thickness of Wearing Layer	IS 15658 (Cl.7.2)
148	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Block	Visual Inspection	IS 15658 (Cl.7.2)



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149	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Block	Water Absorption	IS 15658 (Annex-C)
150	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paving Bitumen	Flash Point (COC)	IS 1448 (Part 69)
151	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paving Bitumen	Penetration	IS 1203
152	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paving Bitumen	Retained Tensile Strength	AASHTO T 283
153	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paving Bitumen	Softening Point	IS 1205
154	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paving Bitumen	Specific Gravity	IS 1202
155	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Elastic Recovery of Half Thread in Duclilometer at 15 Deg. C	IS 15462 (Annex-A)



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156	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Elastic Recovery of Half Thread in Ductilometer at 25 Deg. C	IRC SP 53 (Annex-4)
157	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Retained Tensile Strength	AASHTO T 283
158	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Polymer Modified Bitumen	Softening Point	IS 1205
159	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Breaking Load	IS 1608 (Part 1)
160	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Cross Sectional Area	IS 14268
161	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Diameter	IS 14268 (Annexure A-2)
162	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Mass/ Meter	IS 14268 (Annexure B-2/A-2)



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163	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Prestressing Strands H.T Strands /LRPC Strands	Relaxation Test-100 H	IS 14268 (Cl.6.2.4)
164	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel Bar	Bend Test	IS 1599
165	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel Bar	Cross Sectional Area	IS 2062
166	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel Bar	Diameter	IS 1786
167	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel Bar	Elongation	IS 1608 (Part 1)
168	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel Bar	Mass per meter	IS 1786
169	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel Bar	Re-Bend Test	IS 1786



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170	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel Bar	Reduction Area	IS 1608 (Part 1)
171	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel Bar	Thickness	IS 2062 (Cl.15)
172	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel Bar	Ultimate Tensile Strength	IS 1608 (Part 1)
173	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel Bar	Yield Stress/ 0.2 Proof Stress	IS 1608 (Part 1)
174	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Colour	AASHTO M249
175	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Binder Content	BS 3262 (Part 1)
176	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Coefficient of Retroreflection	ASTM D1710



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177	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Coefficient of Retroreflection	BS EN 1436
178	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Cracking Resistance	AASHTO T 250
179	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Drying Time	MORT&H (Section 800) (CI.803.4.1.2)
180	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Flow Resistance Test	EAS 928-1 (Annex-D)
181	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Free Flow Test	MORT&H (Section 800)
182	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Glass Beads Content	BS 3262 (Part 1) (Appendix D)
183	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Gradation of Glass Beads (Type 1 & 2)	MORT&H (Section 800)



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184	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Luminance Test	AASHTO M249
185	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Refractive Index	BS 6088
186	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Roundness - Microscopic	BS 6088
187	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Roundness - Microscopic	BS EN 1423
188	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Skid Resistance	BS 6044 (Appendix K)
189	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Softening Point	ASTM D36
190	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Thermoplastic Road Marking Material	Yellowness Index	AASHTO M 250



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191	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Elongation Index	IS 2386 (Part 1)
192	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Flakiness Index	IS 2386 (Part 1)
193	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Fractured Faces	ASTM D5821
194	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Grading (Sieve Size: 4.75mm to 63mm)	IS 2386 (Part 1)
195	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Impact Value	IS 2386 (Part 4)
196	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Los Angeles Abrasion Value	IS 2386 (Part 4)
197	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Soundness	IS 2386 (Part 5) (by MgSO ₄)



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198	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Soundness	IS 2386 (Part 5) (by Na2SO4)
199	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Water Absorption	IS 2386 (Part 3)
200	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Water Bound Macadam	Wet Aggregate Impact Value	IS 5640
201	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Elongation Index	IS 2386 (Part 1)
202	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Flakiness Index	IS 2386 (Part 1)
203	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Grading (Sieve Size: 4.75 mm to 63 mm)	IS 2386 (Part 1)
204	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Impact Value	IS 2386 (Part 4)



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205	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Los Angeles Abrasion Value	IS 2386 (Part 4)
206	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Soundness	IS 2386 (Part 5) (by MgSO ₄)
207	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Soundness	IS 2386(Part 5) (by Na ₂ SO ₄)
208	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Water Absorption	IS 2386 (Part 3)
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium & High Tensile Structural Steel	Thickness	IS 2062 (Cl.15)
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	IS 1599
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elongation	IS 1608 (Part 1)
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Reduction in Area	IS 1608 (Part 1)



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213	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Ultimate Tensile Strength	IS 1608 (Part 1)
214	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Yield Stress	IS 1608 (Part 1)
215	MECHANICAL- SOIL AND ROCKS	Soil	Coefficient of Consolidation (Cv)	IS 2720 (Part 15)
216	MECHANICAL- SOIL AND ROCKS	Bentonite	Fineness	IS 6186
217	MECHANICAL- SOIL AND ROCKS	Bentonite	Gel Formation Index	IS 6186
218	MECHANICAL- SOIL AND ROCKS	Bentonite	Moisture content	IS 6186
219	MECHANICAL- SOIL AND ROCKS	Bentonite	Sand Content	IS 6186
220	MECHANICAL- SOIL AND ROCKS	Bentonite	Swelling	IS 6186 (A-4)
221	MECHANICAL- SOIL AND ROCKS	Cement Treated Sub Base/ Cement Treated Base	Liquid Limit	IS 2720 (Part 5)
222	MECHANICAL- SOIL AND ROCKS	Cement Treated Sub Base/ Cement Treated Base	Plastic Limit	IS 2720 (Part 5)
223	MECHANICAL- SOIL AND ROCKS	Cement Treated Sub Base/ Cement Treated Base	Plasticity Index	IS 2720 (Part 5)
224	MECHANICAL- SOIL AND ROCKS	Clay & Soil	Angle of Internal Friction (Triaxial Shear Test - CU)	IS 2720 (Part 12)
225	MECHANICAL- SOIL AND ROCKS	Clay & Soil	Angle of Internal Friction (Triaxial Shear Test - CU)	IS 2720 (Part 12)
226	MECHANICAL- SOIL AND ROCKS	Clay & Soil	Angle of Internal Friction (Triaxial Shear Test - UU)	IS 2720 (Part 11)
227	MECHANICAL- SOIL AND ROCKS	Clay & Soil	Coefficient of Permeability, k	IS 2720 (Part 17) (By Constant Head Method)



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SHREE BALAJI TEST HOUSE PRIVATE LIMITED (TESTING DIVISION), BUNGLOW NO. 772, VAIGNANIK NIWAS, USARLI KHURD, TEHSIL: PANVEL, NAVI MUMBAI, DISTRICT: RAIGAD, MAHARASHTRA, INDIA

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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
228	MECHANICAL- SOIL AND ROCKS	Clay & Soil	Cohesion - C (Triaxial Shear Test - UU)	IS 2720 (Part 11)
229	MECHANICAL- SOIL AND ROCKS	Clay & Soil	Permeability	IS 2720 (Part 17) (by Falling Head Method)
230	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	California Bearing Ratio	IS 2720 (Part 16)
231	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	Dry Density relation using Heavy Compaction	IS 2720 (Part 8)
232	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	Heavy Compaction Test (Maximum Dry Density)	IS 2720 (Part 8)
233	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	Heavy Compaction Test (Optimum Moisture Content)	IS 2720 (Part 8)
234	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	Liquid Limit	IS 2720 (Part 5)
235	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	Plastic Limit	IS 2720 (Part 5)
236	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	Plasticity Index	IS 2720 (Part 5)
237	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	Water Content	IS 2720 (Part 2)
238	MECHANICAL- SOIL AND ROCKS	Rock	Bulk Density	IS 13030
239	MECHANICAL- SOIL AND ROCKS	Rock	Point Load Test	ASTM D5731
240	MECHANICAL- SOIL AND ROCKS	Rock	Poisson's Ratio	IS 9221
241	MECHANICAL- SOIL AND ROCKS	Rock	Porosity	IS 13030
242	MECHANICAL- SOIL AND ROCKS	Rock	Specific Gravity	IS 13030
243	MECHANICAL- SOIL AND ROCKS	Rock	Unconfined Compressive Strength	IS 9143



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244	MECHANICAL- SOIL AND ROCKS	Rock	Water Absorption	IS 13030
245	MECHANICAL- SOIL AND ROCKS	Rock	Water Content	IS 13030
246	MECHANICAL- SOIL AND ROCKS	Soil	Angle of Internal Friction (Soil Containing Gravel/ Large DST)	IS 2720 (Part 39/ Sec 1)
247	MECHANICAL- SOIL AND ROCKS	Soil	California Bearing Ratio	IS 2720 (Part 16)
248	MECHANICAL- SOIL AND ROCKS	Soil	California Bearing Ratio - Soaked	IS 2720 (Part 16)
249	MECHANICAL- SOIL AND ROCKS	Soil	California Bearing Ratio - Unsoaked	AASHTO T 193
250	MECHANICAL- SOIL AND ROCKS	Soil	Classification of Soil	IS 1498
251	MECHANICAL- SOIL AND ROCKS	Soil	Coefficient of Permeability	IS 2720 (Part 36) (by Constant Head)
252	MECHANICAL- SOIL AND ROCKS	Soil	Cohesion - C (Soil Containing Gravel/large DST)	IS 2720 (Part 39/ Sec 1)
253	MECHANICAL- SOIL AND ROCKS	Soil	Compression Index	IS 2720 (Part 15)
254	MECHANICAL- SOIL AND ROCKS	Soil	Direct Shear Test (Angle of Internal Friction, Phi)	IS 2720 (Part 13)
255	MECHANICAL- SOIL AND ROCKS	Soil	Direct Shear Test (Cohesion, C)	IS 2720 (Part 13)
256	MECHANICAL- SOIL AND ROCKS	Soil	Field Moisture Equivalent	IS 2720 (Part 18)
257	MECHANICAL- SOIL AND ROCKS	Soil	Free Swell Index	IS 2720 (Part 40)
258	MECHANICAL- SOIL AND ROCKS	Soil	Grain Size Analysis - Wet (75 micron to 2 mm)	IS 2720 (Part 4)
259	MECHANICAL- SOIL AND ROCKS	Soil	Light Compaction Test (Maximum Dry Density)	IS 2720 (Part 7)



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260	MECHANICAL- SOIL AND ROCKS	Soil	Light Compaction Test (Maximum Dry Density)	IS 2720 (Part 7)
261	MECHANICAL- SOIL AND ROCKS	Soil	Light Compaction Test (Optimum Moisture Content)	IS 2720 (Part 7)
262	MECHANICAL- SOIL AND ROCKS	Soil	Linear Shrinkage	IS 2720 (Part 20)
263	MECHANICAL- SOIL AND ROCKS	Soil	Liquid Limit	IS 2720 (Part 5)
264	MECHANICAL- SOIL AND ROCKS	Soil	Plastic Limit	IS 2720 (Part 5)
265	MECHANICAL- SOIL AND ROCKS	Soil	Plasticity Index	IS 2720 (Part 5)
266	MECHANICAL- SOIL AND ROCKS	Soil	Relative Density of Cohesion Less Soil	IS 2720 (Part 14)
267	MECHANICAL- SOIL AND ROCKS	Soil	Shrinkage Limit	IS 2720 (Part 6)
268	MECHANICAL- SOIL AND ROCKS	Soil	Specific Gravity	IS 2720 (Part 3/ Sec 1)
269	MECHANICAL- SOIL AND ROCKS	Soil	Specific Gravity	IS 2720 (Part 3/ Sec 2)
270	MECHANICAL- SOIL AND ROCKS	Soil	Water Content	IS 2720 (Part 2)
271	MECHANICAL- SOIL AND ROCKS	Water Bound Macadam	Liquid Limit	IS 2720 (Part 5)
272	MECHANICAL- SOIL AND ROCKS	Water Bound Macadam	Plastic Limit	IS 2720 (Part 5)
273	MECHANICAL- SOIL AND ROCKS	Water Bound Macadam	Plasticity Index	IS 2720 (Part 5)
274	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Liquid Limit	IS 2720 (Part 5)
275	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Plastic Limit	IS 2720 (Part 5)



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276	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Plasticity Index	IS 2720 (Part 5)



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Site Testing				
1	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Retroreflective Sign Materials	Coefficient of Retroreflection - RL & QD	ASTM E1709
2	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Retroreflective Signboards/Road Studs	Coefficient of Retroreflection	ASTM E810
3	MECHANICAL- SOIL AND ROCKS	Concrete Pile	Dynamic Pile Load Test	ASTM D4945
4	MECHANICAL- SOIL AND ROCKS	Concrete Pile	Lateral Pile Load Test	IS 2911 (Part 4)
5	MECHANICAL- SOIL AND ROCKS	Soil	Dry Density	IS 2720 (Part 28) (Sand Replacement Method)
6	MECHANICAL- SOIL AND ROCKS	Soil	Dry Density of Soils in-place	IS 2720 (Part 29) (by Core Cutter Method)
7	MECHANICAL- SOIL AND ROCKS	Soil	Electrical Resistivity Test	IS 15736
8	MECHANICAL- SOIL AND ROCKS	Soil	Standard Penetration Test	IS 2131
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Depth	BS EN 14630
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Depth	IS 516 (Part 5/ Sec 3)



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11	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Pile Integrity Test	ASTM D5882
12	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 13311 (Part 2)
13	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 516 (Part 5/ Sec 4)
14	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultra Sonic Pulse Velocity Test	IS 516 (Part 5/ Sec 1)