National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BUILDCON MATERIAL TESTING & SERVICES PRIVATE LIMITED, SURAJ PLAZA, SURVEY NO. 22/5/2/1, SWAMI SAMARTH COLONY, PUNE, 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 Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates Coarse	Soundness by Sodium Sulphate (Na2SO4)-5 cycles	IS 2386 (Part-5)
2	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Compressive Strength	IS 6441 (5)
3	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension - Height	IS 6441 (1)
4	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension - Length	IS 6441 (1)
5	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension - Width	IS 6441 (1)
6	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dry Density	IS 6441 (1)
7	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Moisture Content	IS 6441 (1)
8	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Bulk Density - Rodded	IS 2386 (Part 3)
9	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Impact Value	IS 2386 (Part 4)
10	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Sieve Analysis	IS 2386 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Bulk Density - Loose	IS 2386 (Part 3)
12	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Bulk Density - Rodded	IS 2386 (Part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Material Finer than 75 Micron	IS 2386 (Part 1)
14	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Sieve Analysis	IS 2386 (Part 1)
15	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Specific Gravity	IS 2386 (Part 3)
16	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Water Absorption	IS 2386 (Part 3)
17	MECHANICAL- BUILDINGS MATERIALS	Aggregate Coarse	Bulk Density - Loose	IS 2386 (Part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Aggregate Coarse	Specific Gravity	IS 2386 (Part 3)

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19	MECHANICAL- BUILDINGS MATERIALS	Aggregate Coarse	Water Absorption	IS 2386 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Aggregates Coarse	10% Fines Value	IS 2386 (1)
21	MECHANICAL- BUILDINGS MATERIALS	Aggregates Coarse	Alkali Aggregate reactivity- Reduction in Alkalinity	IS 2386 (6)
22	MECHANICAL- BUILDINGS MATERIALS	Aggregates Coarse	Crushing Value	IS 2386 (4)
23	MECHANICAL- BUILDINGS MATERIALS	Aggregates Coarse	Deleterious content- 75um/ Fine Slit /Fine Dust	IS 2386 Part 1
24	MECHANICAL- BUILDINGS MATERIALS	Aggregates Coarse	Deleterious Material - Soft Particles	IS 2386 (2)
25	MECHANICAL- BUILDINGS MATERIALS	Aggregates Coarse	Deleterious Material- Coal & Lignite	IS 2386 (2)
26	MECHANICAL- BUILDINGS MATERIALS	Aggregates Coarse	Elongation Index	IS 2386 (1)
27	MECHANICAL- BUILDINGS MATERIALS	Aggregates Coarse	Flakiness Index	IS 2386 (1)
28	MECHANICAL- BUILDINGS MATERIALS	Aggregates Coarse	Stone polishing Value	IS 2386 (4)
29	MECHANICAL- BUILDINGS MATERIALS	Aggregates Coarse	Stripping Value	IS 6241
30	MECHANICAL- BUILDINGS MATERIALS	Aggregates Fine	Deleterious Material- Coal & Lignite	IS 2386 Part 1
31	MECHANICAL- BUILDINGS MATERIALS	Aggregates Fine	Material Finer Than 75 Micron	IS 2386 (1)
32	MECHANICAL- BUILDINGS MATERIALS	Analysis of Hardened Concrete	Concrete Beam - Flexural Strength	IS 516 (P-1/S-1)
33	MECHANICAL- BUILDINGS MATERIALS	Analysis of Hardened Concrete	Concrete Core Compressive	IS 516
34	MECHANICAL- BUILDINGS MATERIALS	Analysis of Hardened Concrete	Concrete Cube & Cylinder - Compressive Strength	IS 516 (P-1/S-1)
35	MECHANICAL- BUILDINGS MATERIALS	Analysis of Hardened Concrete	Concrete Cube Compressive Strength by ACT	IS 9013
36	MECHANICAL- BUILDINGS MATERIALS	Analysis of Hardened Concrete	Concrete Water Absorption	BS 1881-122
37	MECHANICAL- BUILDINGS MATERIALS	Analysis of Hardened Concrete	Hardened Concrete Density	IS 516

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38	MECHANICAL- BUILDINGS MATERIALS	Analysis of Hardened Concrete	Split tensile strength	IS 516
39	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB / PMB / Mastic Ashphalt	Specific Gravity	IS 1202
40	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB / PMB / Mastic Ashphalt	Absolute Viscosity	IS 1206 (Part-2)
41	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB / PMB / Mastic Ashphalt	Ductility	IS 1208
42	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB / PMB / Mastic Ashphalt	Elastic recovery at 15oc	IS 1546
43	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB / PMB / Mastic Ashphalt	Flash Point	IS 1209
44	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB / PMB / Mastic Ashphalt	Hardness number	IS 1195
45	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB / PMB / Mastic Ashphalt	Kinematic Viscosity	IS 1206 (Part-3)
46	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB / PMB / Mastic Ashphalt	Penetration	IS 1203
47	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB / PMB / Mastic Ashphalt	Penetration Test	IS 1203
48	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB / PMB / Mastic Ashphalt	Softening Point Test	IS 1205
49	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB / PMB / Mastic Ashphalt	Thin Flim oven test (Loss on heating)	IS 1212
50	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Ductility Test	IS 1208
51	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility With water	IS 8887 (Annex H)
52	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Penetration Test	IS 1203
53	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600µ	IS 8887 (Annex B)
54	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Solubility intrichloroethylene	IS 1216
55	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage stability	IS 8887
56	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by say bolt Furol Viscometer	IS 8887

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57	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	GMM (Maximum Specific Gravity of loose mix)	AASHTO 283
58	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Gradation	MORTH 5th rev
59	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content	ASTM D2172
60	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Density	ASTM D 2726:
61	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Flow	ASTM D 6927
62	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability Test	ASTM D 6927
63	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 Part 1
64	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dry Density	IS 3495 Part 2
65	MECHANICAL- BUILDINGS MATERIALS	Brunt Clay / Fly Ash	Water Absorption	IS 3495 (Part 2)
66	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay	Dimensions - Height	IS 1077
67	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay	Dimensions - Length	IS 1077
68	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay	Dimensions - Width	IS 1077
69	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC and PPC)	Density	IS 4031 (Part-11)
70	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC and PPC)	Fineness by Blaine air Permeability	IS 4031 (Part -2)
71	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC and PPC)	Fineness by dry sieving (% retained)	IS 4031 Part – 1, Clause No.5
72	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC and PPC)	Soundness by Le–chatlier methods	IS 4031 Part–3, Clause No.5
73	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC and PPC)	Specific Gravity	IS 4031 (Part-11)
74	MECHANICAL- BUILDINGS MATERIALS	Cement Grout / Mortar	Compressive strength	IS 2250
75	MECHANICAL- BUILDINGS MATERIALS	Cement Grout / Mortar	Water retention	IS 2250

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76	MECHANICAL- BUILDINGS MATERIALS	Cement OPC / PPC	Compressive Strength	IS 4031 (Part 6)
77	MECHANICAL- BUILDINGS MATERIALS	Cement OPC / PPC	Final Setting Time	IS 4031 (Part 5)
78	MECHANICAL- BUILDINGS MATERIALS	Cement OPC / PPC	Initial Setting Time	IS 4031 (Part 5)
79	MECHANICAL- BUILDINGS MATERIALS	Cement OPC / PPC	Standard Consistency	IS 4031 (Part 4)
80	MECHANICAL- BUILDINGS MATERIALS	Checkered Cement Concrete Tiles	Dimension: Breadth	IS 13801
81	MECHANICAL- BUILDINGS MATERIALS	Checkered Cement Concrete Tiles	Dimension: Length	IS 13801
82	MECHANICAL- BUILDINGS MATERIALS	Checkered Cement Concrete Tiles	Dimension: Thickness	IS 13801
83	MECHANICAL- BUILDINGS MATERIALS	Checkered Cement Concrete Tiles	Water Absorption	IS 13801
84	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion value	IS 2386 (4)
85	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Material Finer Than 75 Micron	IS 2386 (1)
86	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness by Magnesium Sulphate (MgSO4)-5 cycles	IS 2386 (Part 5)
87	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material - Soft Particles	IS 2386 Part 2
88	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Alkali Aggregate reactivity-Reduction in Alkalinity	IS 2386 (Part-6)
89	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material - Clay Lumps	IS 2386 Part 2
90	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Magnesium Sulphate (MgSO4)-5 cycles	IS 2386 (Part-5)
91	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Sodium Sulphate (Na2SO4)-5 cycles	IS 2386 (Part-5)
92	MECHANICAL- BUILDINGS MATERIALS	Flooring Tiles (Ceramic/ Glazed Vitrified)	Dimensions - Length	IS 13630 (Part 1)
93	MECHANICAL- BUILDINGS MATERIALS	Flooring Tiles (Ceramic/ Glazed Vitrified)	Dimensions - Thickness	IS 13630 (Part- 1)
94	MECHANICAL- BUILDINGS MATERIALS	Flooring Tiles (Ceramic/ Glazed Vitrified)	Dimensions - Width	IS 13630 (Part- 1)

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95	MECHANICAL- BUILDINGS MATERIALS	Flooring Tiles (Ceramic/ Glazed Vitrified)	Resistance to Acids and Alkalies with the excepting of Hydrofluoric Acid and its Compounds	IS 13630 (Part 8)
96	MECHANICAL- BUILDINGS MATERIALS	Flooring Tiles (Ceramic/ Glazed Vitrified)	Scratch hardness (Moh's Hardness)	IS 13630 (Part 13)
97	MECHANICAL- BUILDINGS MATERIALS	Flooring Tiles (Ceramic/ Glazed Vitrified)	Water absorption	IS 13630 (Part 2)
98	MECHANICAL- BUILDINGS MATERIALS	Flooring Tiles (Ceramic/ Glazed Vitrified)	Abrasion Value	IS 13630 (Part 11)
99	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Compressive Strength	IS 1727
100	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Dimensions - Length	IS 12894
101	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Dimensions - Width	IS 12894
102	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Dimensions- Height	IS 12894
103	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness (Specific Surface) (by Blaine's Method)	IS 1727
104	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Lime Reactivity	IS 1727
105	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Particle Retained on 45 micron Sieve (Wet Sieving)	IS 1727
106	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Setting Time	IS 1727
107	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness (Le - Chatelier)	IS 1727
108	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific gravity	IS 1727
109	MECHANICAL- BUILDINGS MATERIALS	Fly Ash (Pulverized Fuel Ash)	"Particle retained on 45 micron sieve (wet sieving)"	IS 1727
110	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Setting Time	IS 8142
111	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete / Mix Design	Flow	IS 10262
112	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete / Mix Design	Slump Test	IS 1199

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113	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete / Mix Design	Wet Density	IS 10262
114	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete / Mix Design	Slump Test	IS 1199
115	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag (GGBS)	Initinal Setting Time	BS EN 16167
116	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag (GGBS)	Retained on 45 microns	BS EN 16167
117	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag (GGBS)	Compressve Strength	BS EN 16167
118	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag (GGBS)	Moisture Content	BS EN 16167
119	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Compressive Strength	IS 2542 (Part 1)
120	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Consistency	IS 2542 (Part 1)
121	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Dry Density	IS 2542 (Part 1)
122	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Loose Bulk Density	IS 2542 (Part 1)
123	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Residue on 0.090 mm	IS 2542 (Part 1)
124	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Residue on 0.150 mm	IS 2542 (Part 1)
125	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Residue on 1.18 mm	IS 2542 (Part 1)
126	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Setting Time	IS 2542 (Part 1)
127	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Block	Compressive strength	IS 2185 (1)
128	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Block	Dimension - Thickness	IS 2185 (1)
129	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Block	Dimension - width	IS 2185 (1)
130	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Block	Dimensions - Length	IS 2185 (1)
131	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Block	Dry Density	IS 2185 (1)

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132	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Block	Water Absorption	IS 2185 (1)
133	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Abration Resistance	IS 15658
134	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
135	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Flexural Strength	IS 15658
136	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Tensile Splitting Strength	IS 15658
137	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
138	MECHANICAL- BUILDINGS MATERIALS	Timber / Wood	Density	IS 1708 (Part 2)
139	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Couplers for Mechanical Splices of Bars in Concrete.	Percentage Elongation at Maximum Force	IS 16172
140	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Couplers for Mechanical Splices of Bars in Concrete.	Static Tensile Test (Tensile Strength)	IS 16172
141	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (rebar)	0.2% Proof Stress / Yield Strength	IS 1608: Part 1
142	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (rebar)	Bend	IS 1599
143	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (rebar)	Elongation Percentage	IS 1608: Part 1
144	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (rebar)	Rebend	IS 1786
145	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (rebar)	Ultimate Tensile Strength	IS 1608: Part 1
146	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (rebar)	Unit Weight	IS 1786
147	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Porosity	IS 1124

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148	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Water Absorption	IS 1124
149	MECHANICAL- SOIL AND ROCK	Natural Building Stone	True Specific Gravity	IS 1122
150	MECHANICAL- SOIL AND ROCK	Natural Building Stone / rock	Point load index	IS 8764
151	MECHANICAL- SOIL AND ROCK	Natural Building Stone / rock	Porosity	IS 13030
152	MECHANICAL- SOIL AND ROCK	Natural Building Stone / rock	Specific gravity	IS 13030
153	MECHANICAL- SOIL AND ROCK	Natural Building Stone / rock	Unconfined Compressive Strength of rock	IS 9143
154	MECHANICAL- SOIL AND ROCK	Natural Building Stone / rock	Water Absorption	IS 13030
155	MECHANICAL- SOIL AND ROCK	Soil	Direct shear - Angle	IS 2720 Part 13
156	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (dry) (75 µm to 40 mm)	IS 2720 (4) Clause 4.0
157	MECHANICAL- SOIL AND ROCK	Soil	Hydrometer Analysis	IS 2720 (4) Clause 5.2
158	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limits	IS 2720 (5)
159	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content (Water Content)	IS 2270 (2)
160	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limits	IS 2720 (5)
161	MECHANICAL- SOIL AND ROCK	Soil	Specific gravity - Fine Grained Soil	IS 2720 (3) (Section 01)
162	MECHANICAL- SOIL AND ROCK	Soil	Specific gravity - Medium and Coarse Grained Soil	IS 2720 (3) (Section 02)
163	MECHANICAL- SOIL AND ROCK	Soil	CBR	IS 2720 (16)
164	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
165	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Wet) (75 µm to 40 mm)	IS 2720 (4) Clause 4.3
166	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - MDD	IS 2720 (Part 8)

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167	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - OMC	IS 2720 (Part 8)
168	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - MDD	IS 2720 (Part 7)
169	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - OMC	IS 2720 (Part 7)
170	MECHANICAL- SOIL AND ROCK	Soil	Soil-Direct shear	IS 2720 Part–13
171	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (10)
172	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation depth	IS 516 (Part 5/Sec 3)
173	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 516 (Part 5/Sec 4)
174	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pluse Velocity	IS 516 : Part 5 : Sec 1
175	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reniforced Concrete Structres	Half cell potencial	IS 516 (Part 5/Sec 2)

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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
Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil Field	Field CBR	IS 2720 (31)
2	MECHANICAL- SOIL AND ROCK	Soil Field	Field Dry Density By-Core Cutting Method	IS 2720 (29)
3	MECHANICAL- SOIL AND ROCK	Soil Field	Field Dry Density By-Sand Replacement Method	IS 2720 (28)
4	MECHANICAL- SOIL AND ROCK	Soil Field	Modulus of subgrade reaction (K value)	IS 9214
5	MECHANICAL- SOIL AND ROCK	Soil Field	Plate load test	DIN 18134
6	MECHANICAL- SOIL AND ROCK	Soil Field	Plate load test	IS 1888
7	MECHANICAL- SOIL AND ROCK	Soil Field	Standard penetration test	IS 2131
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation depth	IS 516 (Part 5/Sec 3)
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 516 (Part 5/Sec 4)
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pluse Velocity	IS 516 : Part 5 : Sec 1
11	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reniforced Concrete Structres	Half cell potencial	IS 516 (Part 5/Sec 2)