



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

MIRROR MATERIAL ANALYSIS AND TESTING LABORATORY PRIVATE LIMITED, BUILDING NO. 17/391,
KOTTUVALLY, PARAVUR, ERNAKULAM, KERALA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

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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	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Asphalt Mix	Binder Content	ASTM D2172/ D2172M
2	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Asphalt Mix	Density	ASTM D2726/ D2726M
3	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Asphalt Mix	Marshall Stability	AASHTO T 245
4	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Asphalt Mix	Maximum Theoretical Specific Gravity (Gmm)	AASHTO T 209
5	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Ductility at 25 ± 0.5 °C	IS 1208 (Part 1)
6	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Flash Point	IS 1209
7	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Penetration at 25 °C	IS 1203



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8	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Softening Point	IS 1205 (by Ring & Ball Method)
9	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Solubility in Trichloroethylene	IS 1216
10	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Specific Gravity	IS 1202
11	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Slow Setting)	Coagulation of Emulsion at Low Temperature	IS 8887 (Annexure C)
12	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Slow Setting)	Coating Ability and Water Resistance	IS 8887 (Annexure F)
13	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Slow Setting)	Distillation Test at 360 °C	IS 1213
14	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Slow Setting)	Ductility at 25 ± 0.5 °C	IS 1208 (Part 1)



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15	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Slow Setting)	Miscibility with Water	IS 8887 (Annexure H)
16	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Slow Setting)	Particle Charge	IS 8887 (Annexure E)
17	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Slow Setting)	Penetration at 25 °C	IS 1203
18	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Slow Setting)	Residue by Evaporation	IS 8887 (Annexure J)
19	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Slow Setting)	Residue on 600 micron	IS 8887 (Annexure B)
20	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Slow Setting)	Solubility in Trichloroethylene	IS 1216
21	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Slow Setting)	Stability to Mixing with Cement	IS 8887 (Annexure G)



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22	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Slow Setting)	Storage Stability after 24 Hrs.	IS 8887 (Annexure D)
23	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Slow Setting)	Viscosity at 25 °C	IS 3117 (Annexure A)- by Saybolt Furol Viscometer
24	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Slow Setting)	Viscosity at 50 °C	IS 3117 (Annexure A)- by Saybolt Furol Viscometer
25	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion (Slow Setting)	Water Content	IS 1211
26	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (OPC)	Compressive Strength	IS 4031 (Part 6)
27	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (OPC)	Consistency	IS 4031 (Part 4)
28	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (OPC)	Density	IS 4031 (Part 11)



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29	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (OPC)	Final Setting Time	IS 4031 (Part 5)
30	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (OPC)	Fineness	IS 4031 (Part 2)- by Blaine Air Permeability
31	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (OPC)	Initial Setting Time	IS 4031 (Part 5)
32	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (OPC)	Soundness	IS 4031 (Part 3)- by Le-Chatelier Method
33	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (PPC)	Compressive Strength	IS 4031 (Part 6)
34	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (PPC)	Consistency	IS 4031 (Part 4)
35	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (PPC)	Density	IS 4031 (Part 11)



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36	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (PPC)	Final Setting Time	IS 4031 (Part 5)
37	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (PPC)	Fineness	IS 4031 (Part 2)- by Blaine Air Permeability
38	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (PPC)	Initial Setting Time	IS 4031 (Part 5)
39	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (PPC)	Soundness	IS 4031 (Part 3)- by Le-Chatelier Method
40	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/ Vitrified Tiles	Breaking Strength	IS 13630 (Part 6)
41	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/ Vitrified Tiles	Bulk Density	IS 13630 (Part 2)
42	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/ Vitrified Tiles	Modulus of Rupture	IS 13630 (Part 6)



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43	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/ Vitrified Tiles	Rectangularity	IS 13630 (Part 1)
44	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/ Vitrified Tiles	Resistance of Surface Abrasion	IS 13630 (Part 11)
45	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/ Vitrified Tiles	Scratch Hardness of Surface (Moh's Scale)	IS 13630 (Part 13)
46	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/ Vitrified Tiles	Straightness	IS 13630 (Part 1)
47	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic/ Vitrified Tiles	Water Absorption	IS 13630 (Part 2)
48	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	10 % Fines Value	IS 2386 (Part 4)
49	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)



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50	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
51	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
52	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
53	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
54	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Loss Angeles Abrasion Value	IS 2386 (Part 4)
55	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve Size : 16.0 mm to 10 mm)	IS 2386 (Part 1)
56	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Soundness	IS 2386 (Part 5)- by Magnesium Sulphate



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57	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
58	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
59	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
60	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Materials Finer than 75 micron	IS 2386 (Part 1)
61	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Sieve Analysis (Sieve Size : 2.36 mm to 0.600 mm)	IS 2386 (Part 1)
62	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Soundness	IS 2386 (Part 5)- by Magnesium Sulphate
63	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)



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64	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
65	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Fineness	IS 1727 (by Blaine Air Permeability)
66	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Fineness (Sieve Size : 45 micron)	IS 1727 (by Wet Sieving)
67	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Soundness	IS 1727 (by Le-Chatelier Method)
68	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Specific Gravity	IS 1727
69	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Cube)	Compressive Strength	IS 516 (Part 1/ Section 1)
70	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Density	IS 516 (Part 2/ Section 1)



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71	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Penetration	IS 516 (Part 2/ Section 1)
72	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Split Tensile Strength	IS 516 (Part 1/ Section 1)
73	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Beam)	Flexural Strength	IS 516 (Part 1/ Section 1)
74	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Core)	Compressive Strength	IS 516 (Part 4)
75	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Core)	Density	IS 516 (Part 4)
76	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Modified Bitumen (NRMB)	Reduction in Penetration of Residue at 25 °C	IS 1203
77	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Modified Bitumen (NRMB)	Flash Point	IS 1448 (Part 69)



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78	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Modified Bitumen (NRMB)	Penetration at 25 °C	IS 1203
79	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Modified Bitumen (NRMB)	Separation Difference Softening Point	IS 15462
80	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Modified Bitumen (NRMB)	Softening Point	IS 1205 (by Ring & Ball Method)
81	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Blocks	Compressive Strength	IS 15658 (Annexure D)
82	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Blocks	Dimension (Height)	IS 15658 (Annexure B)
83	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Blocks	Dimension (Length)	IS 15658 (Annexure B)
84	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Blocks	Dimension (Width)	IS 15658 (Annexure B)



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85	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Blocks	Flexural Strength	IS 15658 (Annexure G)
86	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Blocks	Water Absorption	IS 15658 (Annexure C)
87	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Precast Hollow and Solid Block	Compressive Strength	IS 2185 (Part 1)
88	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Precast Hollow and Solid Block	Density	IS 2185 (Part 1)
89	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Precast Hollow and Solid Block	Water Absorption	IS 2185 (Part 1)
90	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel	Mass per Meter	IS 1786
91	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel	Rebend	IS 1786



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92	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel/ Structural Steel	Bend	IS 1599
93	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel/ Structural Steel	Percentage of Elongation after Fracture	IS 1608 (Part 1)
94	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel/ Structural Steel	Tensile Strength	IS 1608 (Part 1)
95	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement Steel/ Structural Steel	Yield Stress	IS 1608 (Part 1)
96	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tile Adhesive	Adjustment Time	IS 15477 (Annexure D)
97	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tile Adhesive	Open Time	IS 15477 (Annexure C)
98	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tile Adhesive	Slip Test	IS 15477 (Annexure E)



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99	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Timber/ Plywood	Density	IS 1708 (Part 1)
100	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Timber/ Plywood	Moisture Content	IS 1708 (Part 1)
101	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Timber/ Plywood	Specific Gravity	IS 1708 (Part 2)
102	MECHANICAL- SOIL AND ROCKS	Bentonite	Fineness	IS 6186
103	MECHANICAL- SOIL AND ROCKS	Bentonite	Moisture Content	IS 6186
104	MECHANICAL- SOIL AND ROCKS	Bentonite	Sand Content	IS 6186
105	MECHANICAL- SOIL AND ROCKS	Bentonite	Swelling Power	IS 6186
106	MECHANICAL- SOIL AND ROCKS	Rock	Dry Relative Density	IS 13030
107	MECHANICAL- SOIL AND ROCKS	Rock	Modulus of Elasticity	IS 9221
108	MECHANICAL- SOIL AND ROCKS	Rock	Point Load Strength Index	IS 8764
109	MECHANICAL- SOIL AND ROCKS	Rock	Poisson's Ratio	IS 9221
110	MECHANICAL- SOIL AND ROCKS	Rock	Rock Hardness	IS 12608 (by Schmidt Impact Hammer Method)
111	MECHANICAL- SOIL AND ROCKS	Rock	Tensile Strength	IS 10082 (by Brazilian Test)



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112	MECHANICAL- SOIL AND ROCKS	Rock	Unconfined Compressive Strength	IS 9143
113	MECHANICAL- SOIL AND ROCKS	Rock	Water Content	IS 13030
114	MECHANICAL- SOIL AND ROCKS	Soil	California Bearing Ratio (CBR)	IS 2720 (Part 16)
115	MECHANICAL- SOIL AND ROCKS	Soil	Coefficient of Consolidation (Cv)	IS 2720 (Part 15)
116	MECHANICAL- SOIL AND ROCKS	Soil	Compression Index (Cc)	IS 2720 (Part 15)
117	MECHANICAL- SOIL AND ROCKS	Soil	Direct Shear (Angle of Shearing Resistance)	IS 2720 (Part 13)
118	MECHANICAL- SOIL AND ROCKS	Soil	Direct Shear (Cohesion Intercept)	IS 2720 (Part 13)
119	MECHANICAL- SOIL AND ROCKS	Soil	Free Swell Index	IS 2720 (Part 40)
120	MECHANICAL- SOIL AND ROCKS	Soil	Grain Size Analysis (Sieve Size : 2.0 mm to 0.075 mm)	IS 2720 (Part 4)
121	MECHANICAL- SOIL AND ROCKS	Soil	Grain Size Analysis (Sieve Size : 4.75 mm to 0.425 mm)	IS 2720 (Part 4)
122	MECHANICAL- SOIL AND ROCKS	Soil	Grain Size Analysis (Sieve Size: under 0.075 mm)	IS 2720 (Part 4)- by Hydrometer
123	MECHANICAL- SOIL AND ROCKS	Soil	Liquid Limit	IS 2720 (Part 5)
124	MECHANICAL- SOIL AND ROCKS	Soil	Maximum Dry Density (Heavy Compaction)	IS 2720 (Part 8)
125	MECHANICAL- SOIL AND ROCKS	Soil	Maximum Dry Density (Light Compaction)	IS 2720 (Part 7)
126	MECHANICAL- SOIL AND ROCKS	Soil	Optimum Moisture Content (Heavy Compaction)	IS 2720 (Part 8)



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16471

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Validity

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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
127	MECHANICAL- SOIL AND ROCKS	Soil	Optimum Moisture Content (Light Compaction)	IS 2720 (Part 7)
128	MECHANICAL- SOIL AND ROCKS	Soil	Plastic Limit	IS 2720 (Part 5)
129	MECHANICAL- SOIL AND ROCKS	Soil	Shrinkage Limit	IS 2720 (Part 6)
130	MECHANICAL- SOIL AND ROCKS	Soil	Specific Gravity	IS 2720 (Part 3/ Section 1)
131	MECHANICAL- SOIL AND ROCKS	Soil	Swelling Pressure	IS 2720 (Part 41)
132	MECHANICAL- SOIL AND ROCKS	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
133	MECHANICAL- SOIL AND ROCKS	Soil	Unconsolidated Undrained Triaxial Compression Test (Angle of Shearing Resistance)	IS 2720 (Part 11)
134	MECHANICAL- SOIL AND ROCKS	Soil	Unconsolidated Undrained Triaxial Compression Test (Cohesion Intercept)	IS 2720 (Part 11)
135	MECHANICAL- SOIL AND ROCKS	Soil	Water Content	IS 2720 (Part 2)



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Site Testing				
1	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Slump Test	IS 1199 (Part 2)
2	MECHANICAL- SOIL AND ROCKS	Concrete Pile	Pile Load (Lateral)	IS 2911 (Part 4)
3	MECHANICAL- SOIL AND ROCKS	Concrete Pile	Pile Load (Vertical)	IS 2911 (Part 4)
4	MECHANICAL- SOIL AND ROCKS	Concrete Pile	Pull Out Test	IS 2911 (Part 4)
5	MECHANICAL- SOIL AND ROCKS	Soil	Field California Bearing Ratio (CBR)	IS 2720 (Part 31)
6	MECHANICAL- SOIL AND ROCKS	Soil	Field Density	IS 2720 (Part 28)- by Sand Replacement Method
7	MECHANICAL- SOIL AND ROCKS	Soil	Field Density	IS 2720 (Part 29)- by Core Cutter Method
8	MECHANICAL- SOIL AND ROCKS	Soil	Standard Penetration Test	IS 2131
9	MECHANICAL- SOIL AND ROCKS	Soil	Static Plate Load	IS 1888
10	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Pile	Integrity Test	IS 14893
11	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Pile	Ultrasonic Pulse Velocity	IS 516 (Part 5/ Section 1)



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12	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Carbonation	IS 516 (Part 5/ Section 3)
13	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Rebound Hammer	IS 13311 (Part 2)