



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SHRI JASNATH TESTING AND CALIBRATION LABORATORY, PLOT NO. 88,
JASNATH HOUSE, MANSA NAGAR, SIRSI ROAD, JAIPUR, RAJASTHAN,
INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11401

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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- BUILDINGS MATERIALS	Precast Cement Concrete Blocks (Paver Block / Interlocking Tile)	Compressive Strength	IS 15658
2	MECHANICAL- BUILDINGS MATERIALS	Precast Cement Concrete Blocks (Paver Block / Interlocking Tile)	Dimension (Length)	IS 15658
3	MECHANICAL- BUILDINGS MATERIALS	Precast Cement Concrete Blocks (Paver Block / Interlocking Tile)	Dimension (Thickness)	IS 15658
4	MECHANICAL- BUILDINGS MATERIALS	Precast Cement Concrete Blocks (Paver Block / Interlocking Tile)	Dimension (Width)	IS 15658
5	MECHANICAL- BUILDINGS MATERIALS	Precast Cement Concrete Blocks (Paver Block / Interlocking Tile)	Visual Inspection	IS 15658
6	MECHANICAL- BUILDINGS MATERIALS	Precast Cement Concrete Blocks (Paver Block / Interlocking Tile)	Water Absorption	IS 15658
7	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Blocks	Bulk Density	IS 6441 (Part 1)
8	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Blocks	Compressive Strength	IS 6441 (Part 5)
9	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Blocks	Dimension (Height)	IS 2185 (Part 3)
10	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Blocks	Dimension (Length)	IS 2185 (Part 3)
11	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Blocks	Dimension (Width)	IS 2185 (Part 3)
12	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Blocks	Moisture Content	IS 6441 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified / Industrial / Paving)	Absolute Viscosity at 60°C	IS 1206 (Part 2)
14	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified / Industrial / Paving)	Ductility Test	IS 1208 (Part 1)
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified / Industrial / Paving)	Flash Point	IS 1448 (Part 69)
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified / Industrial / Paving)	Kinematic Viscosity at 135°C	IS 1206 (Part 3)
17	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified / Industrial / Paving)	Penetration	IS 1203
18	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified / Industrial / Paving)	Softening Point	IS 1205
19	MECHANICAL- BUILDINGS MATERIALS	Bitumen (Modified / Industrial / Paving)	Specific Gravity	IS 1202



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20	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix / Core (DBM / BC / BM / SDBC)	Bitumen Content	ASTM D2172
21	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix / Core (DBM / BC / BM / SDBC)	Bulk Specific Gravity at 25°C	ASTM D2726
22	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix / Core (DBM / BC / BM / SDBC)	Density	ASTMD2726
23	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix / Core (DBM / BC / BM / SDBC)	Marshall Flow Value	IS 17127
24	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix / Core (DBM / BC / BM / SDBC)	Marshall Stability	IS 17127
25	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix / Core (DBM / BC / BM / SDBC)	Sieve Analysis / Gradation (Sieve Size 0.075 mm to 100 mm)	MORTH Specification (5th Revision)
26	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix / Core (DBM / BC / BM / SDBC)	Theoretical Maximum Specific Gravity (Gmm)	ASTM D2041
27	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix / Core (DBM / BC / BM / SDBC)	Thickness	MORTH Specification (5th Revision)
28	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix Design (DBM / BC / BM / SDBC)	Air Voids	Asphalt Institute Manual (MS-2)
29	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix Design (DBM / BC / BM / SDBC)	Bulk Specific Gravity of Aggregates (Gsb)	Asphalt Institute Manual (MS-2)
30	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix Design (DBM / BC / BM / SDBC)	Effective Specific Gravity (Gse)	Asphalt Institute Manual (MS-2)
31	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix Design (DBM / BC / BM / SDBC)	Voids Filled with Bitumen (VFB)	Asphalt Institute Manual (MS-2)
32	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix Design (DBM / BC / BM / SDBC)	Voids in Mineral Aggregate (VMA)	Asphalt Institute Manual (MS-2)
33	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Bricks / Flyash Bricks)	Compressive Strength	IS 3495 (Part 1)
34	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Bricks / Flyash Bricks)	Efflorescence	IS 3495 (Part 3)
35	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Bricks / Flyash Bricks)	Water Absorption	IS 3495 (Part 2)
36	MECHANICAL- BUILDINGS MATERIALS	Building Lime	Compressive Strength	IS 6932 (Part 7)
37	MECHANICAL- BUILDINGS MATERIALS	Building Lime	Final Setting Time	IS 6932 (Part 11)
38	MECHANICAL- BUILDINGS MATERIALS	Building Lime	Fineness (Wet Sieving)	IS 6932 (Part 4)
39	MECHANICAL- BUILDINGS MATERIALS	Building Lime	Initial Setting Time	IS 6932 (Part 11)

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40	MECHANICAL- BUILDINGS MATERIALS	Building Lime	Soundness by Le-Chatelier	IS 6932 (Part 9)
41	MECHANICAL- BUILDINGS MATERIALS	Building Lime	Specific Gravity (Density)	IS 4031 (Part 11)
42	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (Height)	IS 1077
43	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (Length)	IS 1077
44	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (Width)	IS 1077
45	MECHANICAL- BUILDINGS MATERIALS	Cement - (OPC-33, 43, 43S, 53, 53S Grade / PPC / PSC / SRPC)	Compressive Strength 3 Day's (72±1h), 7 Day's (168±2h) and 28 Day's (672±4h)	IS 4031 (Part 6)
46	MECHANICAL- BUILDINGS MATERIALS	Cement - (OPC-33, 43, 43S, 53, 53S Grade / PPC / PSC / SRPC)	Density	IS 4031 (Part 11)
47	MECHANICAL- BUILDINGS MATERIALS	Cement - (OPC-33, 43, 43S, 53, 53S Grade / PPC / PSC / SRPC)	Final Setting Time	IS 4031 (Part 5)
48	MECHANICAL- BUILDINGS MATERIALS	Cement - (OPC-33, 43, 43S, 53, 53S Grade / PPC / PSC / SRPC)	Fineness (Dry Sieving)	IS 4031 (Part 1)
49	MECHANICAL- BUILDINGS MATERIALS	Cement - (OPC-33, 43, 43S, 53, 53S Grade / PPC / PSC / SRPC)	Fineness by Blaine Air Permeability	IS 4031 (Part 2)
50	MECHANICAL- BUILDINGS MATERIALS	Cement - (OPC-33, 43, 43S, 53, 53S Grade / PPC / PSC / SRPC)	Initial Setting Time	IS 4031 (Part 5)
51	MECHANICAL- BUILDINGS MATERIALS	Cement - (OPC-33, 43, 43S, 53, 53S Grade / PPC / PSC / SRPC)	Soundness by Le-Chatelier	IS 4031 (Part 3)
52	MECHANICAL- BUILDINGS MATERIALS	Cement - (OPC-33, 43, 43S, 53, 53S Grade / PPC / PSC / SRPC)	Standard Consistency	IS 4031 (Part 4)
53	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension (Length)	IS 1237
54	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension (Thickness)	IS 1237
55	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension (Width)	IS 1237
56	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Flatness of Surface	IS 1237
57	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Perpendicularity of Tile	IS 1237
58	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Straightness of Tile	IS 1237
59	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237

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60	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Wet Transverse Strength	IS 1237
61	MECHANICAL- BUILDINGS MATERIALS	Cement Mortar Cube (Masonry / Plaster Mortar)	Compressive Strength (Cement Mortar Cube)	IS 2250
62	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Breaking Strength	IS 13630 (Part 6)
63	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Bulk Density	IS 13630 (Part 2)
64	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Dimension (Length)	IS 13630 (Part 1)
65	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Dimension (Thickness)	IS 13630 (Part 1)
66	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Dimension (Width)	IS 13630 (Part 1)
67	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Flatness	IS 13630 (Part 1)
68	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Modulus of Rupture	IS 13630 (Part-6)
69	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Rectangularity	IS 13630 (Part-6)
70	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Straightness	IS 13630 (Part 1)
71	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Water Absorption	IS 13630 (Part 2)
72	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (Part 4)
73	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Apparent Specific Gravity	IS 2386 (Part 3)
74	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose / Compacted)	IS 2386 (Part 3)
75	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Combined Elongation and Flakiness Index	IS 2386 (Part 1)
76	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
77	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
78	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
79	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Materials Finer Than 75 Micron	IS 2386 (Part 1)

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80	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soft Fragments	IS 2386 (Part 2)
81	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by MgSO ₄	IS 2386 (Part 5)
82	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Na ₂ SO ₄	IS 2386 (Part 5)
83	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
84	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Total Deleterious materials	IS 2386 (Part 1 & 2)
85	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate / Ballast	Abrasion Value	IS 2386 (Part 4)
86	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate / Ballast	Impact Value	IS 2386 (Part 4)
87	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate / Ballast	Sieve Analysis / Gradation (Sieve Size 2.36 mm to 100 mm)	IS 2386 (Part 1)
88	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate / Ballast	Water Absorption	IS 2386 (Part 3)
89	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength of Accelerated-Cured Concrete	IS 9013
90	MECHANICAL- BUILDINGS MATERIALS	Concrete (Core)	Compressive Strength (Core)	IS 516 (Part 4)
91	MECHANICAL- BUILDINGS MATERIALS	Concrete (Cube)	Compressive Strength (Cube)	IS 516 (Part 1, Section 1)
92	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (Crusher Stone Dust / Natural Sand / River Sand / M - Sand /Mixed Sand)	Apparent Specific Gravity	IS 2386 (Part 3)
93	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (Crusher Stone Dust / Natural Sand / River Sand / M - Sand /Mixed Sand)	Bulk Density (Loose / Compacted)	IS 2386 (Part 3)
94	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (Crusher Stone Dust / Natural Sand / River Sand / M - Sand /Mixed Sand)	Clay Lumps	IS 2386 (Part 2)
95	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (Crusher Stone Dust / Natural Sand / River Sand / M - Sand /Mixed Sand)	Materials Finer Than 75 Micron	IS 2386 (Part 1)
96	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (Crusher Stone Dust / Natural Sand / River Sand / M - Sand /Mixed Sand)	Sieve Analysis / Gradation (Sieve Size 0.075 mm to 10.00 mm)	IS 2386 (Part 1)
97	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (Crusher Stone Dust / Natural Sand / River Sand / M - Sand /Mixed Sand)	Silt Content by Volumetric Method	CPWD, Volume-1 (Clause 3.1, 3.2, Appendix C)
98	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (Crusher Stone Dust / Natural Sand / River Sand / M - Sand /Mixed Sand)	Soundness by MgSO ₄	IS 2386 (Part 5)



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99	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (Crusher Stone Dust / Natural Sand / River Sand / M - Sand /Mixed Sand)	Soundness by Na ₂ SO ₄	IS 2386 (Part 5)
100	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (Crusher Stone Dust / Natural Sand / River Sand / M - Sand /Mixed Sand)	Specific Gravity	IS 2386 (Part 3)
101	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (Crusher Stone Dust / Natural Sand / River Sand / M - Sand /Mixed Sand)	Total Deleterious Materials	IS 2386 (Part 1 & 2)
102	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (Crusher Stone Dust / Natural Sand / River Sand / M - Sand /Mixed Sand)	Water Absorption	IS 2386 (Part 3)
103	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutters	Dimension (Height)	IS 4020 (Part 2)
104	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutters	Dimension (Thickness)	IS 4020 (Part 2)
105	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutters	Dimension (Width)	IS 4020 (Part 2)
106	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutters	End Emersion	IS 4020 (Part 13)
107	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutters	Glue Adhesion	IS 4020 (Part 15)
108	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutters	Knife Test	IS 4020 (Part 14)
109	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension (Height)	IS 13757
110	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension (Length)	IS 13757
111	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension (Width)	IS 13757
112	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Workability by Slump Test	IS 1199 (Part 2)
113	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Density	IS 516
114	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Block	Block Density	IS 2185 (Part 1, Annexure C)
115	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Block	Compressive Strength	IS 2185 (Part 1, Annexure D)
116	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Block	Dimension (Height)	IS 2185 (Part 1, Annexure B)
117	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Block	Dimension (Length)	IS 2185 (Part 1, Annexure B)
118	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Block	Dimension (Width)	IS 2185 (Part 1, Annexure B)



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119	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Block	Water Absorption	IS 2185 (Part 1, Annexure E)
120	MECHANICAL- BUILDINGS MATERIALS	Metallic Materials - (Steel Reinforcement / TMT Bar / High Strength Deformed Bar / Structural Steel-Sheets, Strips, Flats, Sections & Bars / Steel Bolt / Metal Beam Crush Barrier / Mild Steel / MS Pipe / GI Pipe / Steel Tube / Stainless Steel / Reinforcement Coupler / Ferrous materials alloys & products)	% Elongation	IS 1608 (PART-1)
121	MECHANICAL- BUILDINGS MATERIALS	Metallic Materials - (Steel Reinforcement / TMT Bar / High Strength Deformed Bar / Structural Steel-Sheets, Strips, Flats, Sections & Bars / Steel Bolt / Metal Beam Crush Barrier / Mild Steel / MS Pipe / GI Pipe / Steel Tube / Stainless Steel / Reinforcement Coupler / Ferrous materials alloys & products)	Bend Test ((Mandrel Size 32 mm to 160 mm)	IS 1599
122	MECHANICAL- BUILDINGS MATERIALS	Metallic Materials - (Steel Reinforcement / TMT Bar / High Strength Deformed Bar / Structural Steel-Sheets, Strips, Flats, Sections & Bars / Steel Bolt / Metal Beam Crush Barrier / Mild Steel / MS Pipe / GI Pipe / Steel Tube / Stainless Steel / Reinforcement Coupler / Ferrous materials alloys & products)	Nominal Cross-Sectional Area	IS 1786
123	MECHANICAL- BUILDINGS MATERIALS	Metallic Materials - (Steel Reinforcement / TMT Bar / High Strength Deformed Bar / Structural Steel-Sheets, Strips, Flats, Sections & Bars / Steel Bolt / Metal Beam Crush Barrier / Mild Steel / MS Pipe / GI Pipe / Steel Tube / Stainless Steel / Reinforcement Coupler / Ferrous materials alloys & products)	Nominal Mass (Weight Per Meter)	IS 1786
124	MECHANICAL- BUILDINGS MATERIALS	Metallic Materials - (Steel Reinforcement / TMT Bar / High Strength Deformed Bar / Structural Steel-Sheets, Strips, Flats, Sections & Bars / Steel Bolt / Metal Beam Crush Barrier / Mild Steel / MS Pipe / GI Pipe / Steel Tube / Stainless Steel / Reinforcement Coupler / Ferrous materials alloys & products)	Re- Bend Test ((Mandrel Size 32 mm to 160 mm)	IS 1786
125	MECHANICAL- BUILDINGS MATERIALS	Metallic Materials - (Steel Reinforcement / TMT Bar / High Strength Deformed Bar / Structural Steel-Sheets, Strips, Flats, Sections & Bars / Steel Bolt / Metal Beam Crush Barrier / Mild Steel / MS Pipe / GI Pipe / Steel Tube / Stainless Steel / Reinforcement Coupler / Ferrous materials alloys & products)	Tensile Strength	IS 1608 (PART-1)
126	MECHANICAL- BUILDINGS MATERIALS	Metallic Materials - (Steel Reinforcement / TMT Bar / High Strength Deformed Bar / Structural Steel-Sheets, Strips, Flats, Sections & Bars / Steel Bolt / Metal Beam Crush Barrier / Mild Steel / MS Pipe / GI Pipe / Steel Tube / Stainless Steel / Reinforcement Coupler / Ferrous materials alloys & products)	Total Elongation % at Maximum Force	IS 1608 (PART-1)



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127	MECHANICAL- BUILDINGS MATERIALS	Metallic Materials - (Steel Reinforcement / TMT Bar / High Strength Deformed Bar / Structural Steel-Sheets, Strips, Flats, Sections & Bars / Steel Bolt / Metal Beam Crush Barrier / Mild Steel / MS Pipe / GI Pipe / Steel Tube / Stainless Steel / Reinforcement Coupler / Ferrous materials alloys & products)	Yield Stress	IS 1608 (PART-1)
128	MECHANICAL- BUILDINGS MATERIALS	Natural / Building Stone (Marble / Granite / Slate / Quartz)	Apparent Porosity	IS 1124
129	MECHANICAL- BUILDINGS MATERIALS	Natural / Building Stone (Marble / Granite / Slate / Quartz)	Apparent Specific Gravity	IS 1124
130	MECHANICAL- BUILDINGS MATERIALS	Natural / Building Stone (Marble / Granite / Slate / Quartz)	Compressive Strength	IS 1121 (Part 1)
131	MECHANICAL- BUILDINGS MATERIALS	Natural / Building Stone (Marble / Granite / Slate / Quartz)	True Porosity	IS 1124
132	MECHANICAL- BUILDINGS MATERIALS	Natural / Building Stone (Marble / Granite / Slate / Quartz)	True Specific Gravity	IS 1122
133	MECHANICAL- BUILDINGS MATERIALS	Natural / Building Stone (Marble / Granite / Slate / Quartz)	Water Absorption	IS 1124
134	MECHANICAL- BUILDINGS MATERIALS	POZZOLANIC MATERIALS (Fly Ash / Fuel Ash / Pond Ash / Micro Silica / Silica Fume)	Compressive Strength	IS 1727
135	MECHANICAL- BUILDINGS MATERIALS	POZZOLANIC MATERIALS (Fly Ash / Fuel Ash / Pond Ash / Micro Silica / Silica Fume)	Density	IS 1727
136	MECHANICAL- BUILDINGS MATERIALS	POZZOLANIC MATERIALS (Fly Ash / Fuel Ash / Pond Ash / Micro Silica / Silica Fume)	Fineness by Blaine Air Permeability	IS 1727
137	MECHANICAL- BUILDINGS MATERIALS	POZZOLANIC MATERIALS (Fly Ash / Fuel Ash / Pond Ash / Micro Silica / Silica Fume)	Lime Reactivity	IS 1727
138	MECHANICAL- BUILDINGS MATERIALS	POZZOLANIC MATERIALS (Fly Ash / Fuel Ash / Pond Ash / Micro Silica / Silica Fume)	Particle Retained on 45 Micron IS Sieve	IS 1727
139	MECHANICAL- BUILDINGS MATERIALS	POZZOLANIC MATERIALS (Fly Ash / Fuel Ash / Pond Ash / Micro Silica / Silica Fume)	Soundness by Le-Chatelier	IS 1727
140	MECHANICAL- BUILDINGS MATERIALS	Steel Tube / MS Pipe / GI Pipe	Bend Test(Mandrel Size 32 mm to 160 mm)	IS 2329
141	MECHANICAL- BUILDINGS MATERIALS	Steel Tube / MS Pipe / GI Pipe	Flattening Test	IS 2328
142	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand Wire / HT Strand Wire / Rope Wire	0.2 Percent Proof Load	IS 1608 (PART-1)
143	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand Wire / HT Strand Wire / Rope Wire	Breaking Load	IS 1608 (PART-1)
144	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand Wire / HT Strand Wire / Rope Wire	Cross Section Area	IS 14268
145	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand Wire / HT Strand Wire / Rope Wire	Diameter of Strand Wire	IS 14268

This is annexure to 'Certificate of Accreditation' and does not require any signature.



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146	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand Wire / HT Strand Wire / Rope Wire	Elongation	IS 1608 (PART-1)
147	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand Wire / HT Strand Wire / Rope Wire	Nominal Mass (Weight Per Meter)	IS 14268
148	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand Wire / HT Strand Wire / Rope Wire	Tensile Strength	IS 1608 (PART-1)
149	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
150	MECHANICAL- SOIL AND ROCK	Rock	Point Load Strength Index	IS 8764
151	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
152	MECHANICAL- SOIL AND ROCK	Rock	Uniaxial Compressive Strength Test	IS 9143
153	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
154	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (Soaked / Unsoaked)	IS 2720 (Part 16)
155	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Cc)	IS 2720 (Part 15)
156	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Cv)	IS 2720 (Part 15)
157	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of Internal Friction)	IS 2720 (Part 13)
158	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion)	IS 2720 (Part 13)
159	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
160	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Dry and Wet Sieve Analysis)	IS 2720 (Part 4)
161	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Hydrometer Method)	IS 2720 (Part 4)
162	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8)
163	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8)
164	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
165	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7)



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166	MECHANICAL- SOIL AND ROCK	Soil	Permeability by Constant Head Method	IS 2720 (Part 17)
167	MECHANICAL- SOIL AND ROCK	Soil	Permeability by Falling Head Method	IS 2720 (Part 17)
168	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
169	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3, Section 1)
170	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Compression Test Without Pore Pressure (UU) (Cohesion)	IS 2720 (Part 11)
171	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Compression Test Without Pore Pressure (UU) (Angle of Friction)	IS 2720 (Part 11)
172	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
173	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)
174	MECHANICAL- SOIL AND ROCK	Soil / Bentonite	Liquid Limit	IS 2720 (Part 5)
175	MECHANICAL- SOIL AND ROCK	Soil / Bentonite	Plastic Limit	IS 2720 (Part 5)
176	MECHANICAL- SOIL AND ROCK	Soil and Gravels	Coefficient of Curvature Test (Cc)	IS 1498
177	MECHANICAL- SOIL AND ROCK	Soil and Gravels	Coefficient of Uniformity Test (Cu)	IS 1498
178	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, CRM, WMM, WBM)	Abrasion Value	IS 2386 (Part 4)
179	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, CRM, WMM, WBM)	California Bearing Ratio (Soaked / Unsoaked)	IS 2720 (Part 16)
180	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, CRM, WMM, WBM)	Combined Elongation and Flakiness Index	IS 2386 (Part 1)
181	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, CRM, WMM, WBM)	Elongation Index	IS 2386 (Part 1)
182	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, CRM, WMM, WBM)	Flakiness Index	IS 2386 (Part 1)
183	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, CRM, WMM, WBM)	Impact Value	IS 2386 (Part 4)
184	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, Murrum, CRM, WMM, WBM)	Heavy Compaction (Maximum Dry Density)	IS 2720 (Part 8)



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185	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, Murrum, CRM, WMM, WBM)	Heavy Compaction (Optimum Moisture Content)	IS 2720 (Part 8)
186	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, Murrum, CRM, WMM, WBM)	Light Compaction (Maximum Dry Density)	IS 2720 (Part 7)
187	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, Murrum, CRM, WMM, WBM)	Light Compaction (Optimum Moisture Content)	IS 2720 (Part 7)
188	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, Murrum, CRM, WMM, WBM)	Liquid Limit	IS 2720 (Part 5)
189	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, Murrum, CRM, WMM, WBM)	Plastic Limit	IS 2720 (Part 5)
190	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, Murrum, CRM, WMM, WBM)	Plasticity Index	IS 2720 (Part 5)
191	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, Murrum, CRM, WMM, WBM)	Sieve Analysis / Gradation (Sieve Size 0.075 mm to 100 mm)	IS 2386 (Part 1)
192	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, Murrum, CRM, WMM, WBM)	Water Absorption	IS 2386 (Part 3)
193	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Rebound Hammer Test	IS 516 (Part 5, Section 4)
194	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Ultrasonic Pulse Velocity Test	IS 516 (Part 5, Section 1)



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Site Testing				
1	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (Crusher Stone Dust / Natural Sand / River Sand / M - Sand /Mixed Sand)	Bulking of Sand	IS 2386 (Part 3)
2	MECHANICAL- SOIL AND ROCK	Soil	In Place Dry Density of Soils by Core Cutter Method	IS 2720 (Part 29)
3	MECHANICAL- SOIL AND ROCK	Soil	Plate Load Test	IS 1888
4	MECHANICAL- SOIL AND ROCK	Soil	Rapid Determination of Water Content from the Gas Pressure using Calcium Carbide	IS 2720 (Part 2, Section 5)
5	MECHANICAL- SOIL AND ROCK	Soil	Standard Penetration Test (SPT)	IS 2131
6	MECHANICAL- SOIL AND ROCK	Soil / GSB / WMM	In Place Dry Density of Soils by Sand Replacement Method	IS 2720 (Part 28)
7	MECHANICAL- SOIL AND ROCK	Soil and Rock	ELECTRICAL RESISTIVITY TEST (ERT)	IS 3043
8	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Rebound Hammer Test	IS 516 (Part 5, Section 4)
9	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Ultrasonic Pulse Velocity Test	IS 516 (Part 5, Section 1)
10	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	HALF CELL POTENTIOMETER TEST	IS 516 PART 5 SECTION 2