National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHRI JASNATH TESTING AND CALIBRATION LABORATORY, PLOT NO. 280 BASEMENT, SECTOR 3, VIDHYADHAR NAGAR, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10944 **Page No** 1 of 11

Validity 30/08/2022 to 29/08/2024 **Last Amended on** -

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	Autoclaved Aerated Concrete Blocks	Bulk Density	IS 6441 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete Blocks	Compressive Strength	IS 6441 (Part 5)
3	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete Blocks	Dimension (Height)	IS 2185 (Part 3)
4	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete Blocks	Dimension (Length)	IS 2185 (Part 3)
5	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete Blocks	Dimension (Width)	IS 2185 (Part 3)
6	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete Blocks	Moisture Content	IS 6441 (Part 1)
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity at 60°C	IS 1206 (Part 2)
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility Test	IS 1208
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS 1448 (Part 69)
10	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity at 135°C	IS 1206 (Part 3)
11	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
12	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
13	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
14	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix / Core (DBM / BC / BM / SDBC)	Bitumen Content	ASTM D2172
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix / Core (DBM / BC / BM / SDBC)	Bulk Specific Gravity at 25°C	ASTM D2726
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix / Core (DBM / BC / BM / SDBC)	Density	ASTMD2726
17	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix / Core (DBM / BC / BM / SDBC)	Marshall Flow Value	IS 17127
18	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix / Core (DBM / BC / BM / SDBC)	Marshall Stability	IS 17127

SCOPE OF ACCREDITATION

Laboratory Name : SHRI JASNATH TESTING AND CALIBRATION LABORATORY, PLOT NO. 280 BASEMENT, SECTOR 3, VIDHYADHAR NAGAR, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10944 **Page No** 2 of 11

Validity 30/08/2022 to 29/08/2024 **Last Amended on** -

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
19	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix / Core (DBM / BC / BM / SDBC)	Sieve Analysis / Gradation	MORTH Specification (5th Revision)
20	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix / Core (DBM / BC / BM / SDBC)	Theoretical Maximum Specific Gravity (Gmm)	ASTM D2041
21	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix / Core (DBM / BC / BM / SDBC)	Thickness	MORTH Specification (5th Revision)
22	MECHANICAL- BUILDINGS MATERIALS	Bricks / Heavy Duty Burnt Clay Building Bricks / Pulverized Fuel Ash-Lime Brick	Compressive Strength	IS 3495 (Part 1)
23	MECHANICAL- BUILDINGS MATERIALS	Bricks / Heavy Duty Burnt Clay Building Bricks / Pulverized Fuel Ash-Lime Brick	Efflorescence	IS 3495 (Part 3)
24	MECHANICAL- BUILDINGS MATERIALS	Bricks / Heavy Duty Burnt Clay Building Bricks / Pulverized Fuel Ash-Lime Brick	Water Absorption	IS 3495 (Part 2)
25	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (Height)	IS 1077
26	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (Length)	IS 1077
27	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (Width)	IS 1077
28	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Compressive Strength	IS 4031 (Part 6)
29	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Density	IS 4031 (Part 11)
30	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Final Setting Time	IS 4031 (Part 5)
31	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Fineness (Dry Sieving)	IS 4031 (Part 1)
32	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Fineness by Blaine Air Permeability	IS 4031 (Part 2)
33	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Initial Setting Time	IS 4031 (Part 5)
34	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Soundness by Le-Chatelier	IS 4031 (Part 3)
35	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Standard Consistency	IS 4031 (Part 4)
36	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles / Terrazo / Marble / Glazed	Dimension (Length)	IS 1237
37	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles / Terrazo / Marble / Glazed	Dimension (Thickness)	IS 1237

SCOPE OF ACCREDITATION

Laboratory Name : SHRI JASNATH TESTING AND CALIBRATION LABORATORY, PLOT NO. 280 BASEMENT, SECTOR 3, VIDHYADHAR NAGAR, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10944 **Page No** 3 of 11

Validity 30/08/2022 to 29/08/2024 **Last Amended on** -

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
38	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles / Terrazo / Marble / Glazed	Dimension (Width)	IS 1237
39	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles / Terrazo / Marble / Glazed	Flatness of Surface	IS 1237
40	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles / Terrazo / Marble / Glazed	Perpendicularity of Tile	IS 1237
41	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles / Terrazo / Marble / Glazed	Straightness of Tile	IS 1237
42	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles / Terrazo / Marble / Glazed	Water Absorption	IS 1237
43	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles / Terrazo / Marble / Glazed	Wet Transverse Strength	IS 1237
44	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Breaking Strength	IS 13630 (Part 6)
45	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Bulk Density	IS 13630 (Part 2)
46	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Dimension (Length)	IS 13630 (Part 1)
47	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Dimension (Thickness)	IS 13630 (Part 1)
48	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Dimension (Width)	IS 13630 (Part 1)
49	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Flatness	IS 13630 (Part 1)
50	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Straightness	IS 13630 (Part 1)
51	MECHANICAL- BUILDINGS MATERIALS	Ceramic / Vitrified Tiles	Water Absorption	IS 13630 (Part 2)
52	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (Part 4)
53	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Apparent Specific Gravity	IS 2386 (Part 3)
54	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose / Compacted)	IS 2386 (Part 3)
55	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Combined Elongation and Flakiness Index	IS 2386 (Part 1)
56	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)

SCOPE OF ACCREDITATION

Laboratory Name : SHRI JASNATH TESTING AND CALIBRATION LABORATORY, PLOT NO. 280 BASEMENT, SECTOR 3, VIDHYADHAR NAGAR, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10944 **Page No** 4 of 11

Validity 30/08/2022 to 29/08/2024 **Last Amended on** -

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
57	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
58	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
59	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Materials Finer Than 75 Micron	IS 2386 (Part 1)
60	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soft Fragments	IS 2386 (Part 2)
61	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by MgSO4	IS 2386 (Part 5)
62	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Na2SO4	IS 2386 (Part 5)
63	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
64	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Total Deleterious materials	IS 2386 (Part 1 & 2)
65	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate / Ballast	Abrasion Value	IS 2386 (Part 4)
66	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate / Ballast	Impact Value	IS 2386 (Part 4)
67	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate / Ballast	Sieve Analysis / Gradation (Sieve Size 2.36 mm to 100 mm)	IS 2386 (Part 1)
68	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate / Ballast	Water Absorption	IS 2386 (Part 3)
69	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength of Accelerated-Cured Concrete	IS 9013
70	MECHANICAL- BUILDINGS MATERIALS	Concrete (Core)	Compressive Strength (Core)	IS 516 (Part 4)
71	MECHANICAL- BUILDINGS MATERIALS	Concrete (Cube)	Compressive Strength (Cube)	IS 516 (Part 1, Section 1)
72	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Apparent Specific Gravity	IS 2386 (Part 3)
73	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose / Compacted)	IS 2386 (Part 3)
74	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of Sand	IS 2386 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name : SHRI JASNATH TESTING AND CALIBRATION LABORATORY, PLOT NO. 280 BASEMENT, SECTOR 3, VIDHYADHAR NAGAR, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10944 **Page No** 5 of 11

Validity 30/08/2022 to 29/08/2024 **Last Amended on** -

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
75	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay Lumps	IS 2386 (Part 2)
76	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Fineness Modulus	IS 2386 (Part 1)
77	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Materials Finer Than 75 Micron	IS 2386 (Part 1)
78	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis / Gradation (Sieve Size 0.075 mm to 10.00 mm)	IS 2386 (Part 1)
79	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content by Volumetric Method	CPWD, Volume-1 (Clause 3.1, 3.2, Appendix C)
80	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by MgSO4	IS 2386 (Part 5)
81	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Na2SO4	IS 2386 (Part 5)
82	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
83	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Total Deleterious Materials	IS 2386 (Part 1 & 2)
84	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
85	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutters	Dimension (Height)	IS 4020 (Part 2)
86	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutters	Dimension (Thickness)	IS 4020 (Part 2)
87	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutters	Dimension (Width)	IS 4020 (Part 2)
88	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutters	End Emersion	IS 4020 (Part 13)
89	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutters	Glue Adhesion	IS 4020 (Part 15)
90	MECHANICAL- BUILDINGS MATERIALS	Flush Door / Door Shutters	Knife Test	IS 4020 (Part 14)
91	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
92	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Density	IS 1727

SCOPE OF ACCREDITATION

Laboratory Name : SHRI JASNATH TESTING AND CALIBRATION LABORATORY, PLOT NO. 280 BASEMENT, SECTOR 3, VIDHYADHAR NAGAR, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10944 **Page No** 6 of 11

Validity 30/08/2022 to 29/08/2024 **Last Amended on** -

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93	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Blaine Air Permeability	IS 1727
94	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Lime Reactivity	IS 1727
95	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Moisture Content	IS 2720 (Part 2)
96	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Particle Retained on 45 Micron IS Sieve	IS 1727
97	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by Le-Chatelier	IS 1727
98	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension (Height)	IS 13757
99	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension (Length)	IS 13757
100	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension (Width)	IS 13757
101	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Workability by Slump Test	IS 1199 (Part 2)
102	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Density	IS 516
103	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Block	Block Density	IS 2185 (Part 1, Annexure C)
104	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Block	Compressive Strength	IS 2185 (Part 1, Annexure D)
105	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Block	Dimension (Height)	IS 2185 (Part 1, Annexure B)
106	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Block	Dimension (Length)	IS 2185 (Part 1, Annexure B)
107	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Block	Dimension (Width)	IS 2185 (Part 1, Annexure B)
108	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Block	Water Absorption	IS 2185 (Part 1, Annexure E)
109	MECHANICAL- BUILDINGS MATERIALS	Lime	Compressive Strength	IS 6932 (Part 7)
110	MECHANICAL- BUILDINGS MATERIALS	Lime	Final Setting Time	IS 6932 (Part 11)
111	MECHANICAL- BUILDINGS MATERIALS	Lime	Fineness (Wet Sieving)	IS 6932 (Part 4)

SCOPE OF ACCREDITATION

Laboratory Name : SHRI JASNATH TESTING AND CALIBRATION LABORATORY, PLOT NO. 280 BASEMENT, SECTOR 3, VIDHYADHAR NAGAR, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10944 **Page No** 7 of 11

Validity 30/08/2022 to 29/08/2024 **Last Amended on** -

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112	MECHANICAL- BUILDINGS MATERIALS	Lime	Initial Setting Time	IS 6932 (Part 11)
113	MECHANICAL- BUILDINGS MATERIALS	Lime	Soundness by Le-Chatelier	IS 6932 (Part 9)
114	MECHANICAL- BUILDINGS MATERIALS	Lime	Specific Gravity (Density)	IS 4031 (Part 11)
115	MECHANICAL- BUILDINGS MATERIALS	Natural / Building Stone (Marble / Granite / Slate / Quartz)	Apparent Porosity	IS 1124
116	MECHANICAL- BUILDINGS MATERIALS	Natural / Building Stone (Marble / Granite / Slate / Quartz)	Apparent Specific Gravity	IS 1124
117	MECHANICAL- BUILDINGS MATERIALS	Natural / Building Stone (Marble / Granite / Slate / Quartz)	Compressive Strength	IS 1121 (Part 1)
118	MECHANICAL- BUILDINGS MATERIALS	Natural / Building Stone (Marble / Granite / Slate / Quartz)	True Porosity	IS 1124
119	MECHANICAL- BUILDINGS MATERIALS	Natural / Building Stone (Marble / Granite / Slate / Quartz)	True Specific Gravity	IS 1122
120	MECHANICAL- BUILDINGS MATERIALS	Natural / Building Stone (Marble / Granite / Slate / Quartz)	Water Absorption	IS 1124
121	MECHANICAL- BUILDINGS MATERIALS	Paver Block / Interlocking Tile	Compressive Strength	IS 15658
122	MECHANICAL- BUILDINGS MATERIALS	Paver Block / Interlocking Tile	Dimension (Length)	IS 15658
123	MECHANICAL- BUILDINGS MATERIALS	Paver Block / Interlocking Tile	Dimension (Thickness)	IS 15658
124	MECHANICAL- BUILDINGS MATERIALS	Paver Block / Interlocking Tile	Dimension (Width)	IS 15658
125	MECHANICAL- BUILDINGS MATERIALS	Paver Block / Interlocking Tile	Visual Inspection	IS 15658
126	MECHANICAL- BUILDINGS MATERIALS	Paver Block / Interlocking Tile	Water Absorption	IS 15658
127	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
128	MECHANICAL- SOIL AND ROCK	Rock	Point Load Strength Index	IS 8764
129	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
130	MECHANICAL- SOIL AND ROCK	Rock	Uniaxial Compressive Strength Test	IS 9143

SCOPE OF ACCREDITATION

Laboratory Name : SHRI JASNATH TESTING AND CALIBRATION LABORATORY, PLOT NO. 280 BASEMENT, SECTOR 3, VIDHYADHAR NAGAR, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10944 **Page No** 8 of 11

Validity 30/08/2022 to 29/08/2024 **Last Amended on** -

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131	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
132	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (Soaked / Unsoaked)	IS 2720 (Part 16)
133	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Cc)	IS 2720 (Part 15)
134	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Cv)	IS 2720 (Part 15)
135	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of Internal Friction)	IS 2720 (Part 13)
136	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion)	IS 2720 (Part 13)
137	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
138	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Dry and Wet Sieve Analysis)	IS 2720 (Part 4)
139	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Hydrometer Method)	IS 2720 (Part 4)
140	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8)
141	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8)
142	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
143	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
144	MECHANICAL- SOIL AND ROCK	Soil	Permeability by Constant Head Method	IS 2720 (Part 17)
145	MECHANICAL- SOIL AND ROCK	Soil	Permeability by Falling Head Method	IS 2720 (Part 17)
146	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
147	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3, Section 1)
148	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Compression Test Without Pore Pressure (UU) (Cohesion)	IS 2720 (Part 11)

SCOPE OF ACCREDITATION

Laboratory Name : SHRI JASNATH TESTING AND CALIBRATION LABORATORY, PLOT NO. 280 BASEMENT, SECTOR 3, VIDHYADHAR NAGAR, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10944 **Page No** 9 of 11

Validity 30/08/2022 to 29/08/2024 **Last Amended on** -

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
149	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Compression Test Without Pore Pressure (UU) (Angle of Friction)	IS 2720 (Part 11)
150	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
151	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)
152	MECHANICAL- SOIL AND ROCK	Soil / Bentonite	Liquid Limit	IS 2720 (Part 5)
153	MECHANICAL- SOIL AND ROCK	Soil / Bentonite	Plastic Limit	IS 2720 (Part 5)
154	MECHANICAL- SOIL AND ROCK	Soil / Bentonite	Plasticity Index	IS 2720 (Part 5)
155	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Abrasion Value	IS 2386 (Part 4)
156	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	California Bearing Ratio (Soaked / Unsoaked)	IS 2720 (Part 16)
157	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Combined Elongation and Flakiness Index	IS 2386 (Part 1)
158	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Elongation Index	IS 2386 (Part 1)
159	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Flakiness Index	IS 2386 (Part 1)
160	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Heavy Compaction (Maximum Dry Density)	IS 2720 (Part 8)
161	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Heavy Compaction (Optimum Moisture Content)	IS 2720 (Part 8)
162	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Impact Value	IS 2386 (Part 4)
163	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Light Compaction (Maximum Dry Density)	IS 2720 (Part 7)
164	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Light Compaction (Optimum Moisture Content)	IS 2720 (Part 7)
165	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Liquid Limit	IS 2720 (Part 5)
166	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Plastic Limit	IS 2720 (Part 5)

SCOPE OF ACCREDITATION

Laboratory Name : SHRI JASNATH TESTING AND CALIBRATION LABORATORY, PLOT NO. 280 BASEMENT, SECTOR 3, VIDHYADHAR NAGAR, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10944 **Page No** 10 of 11

Validity 30/08/2022 to 29/08/2024 **Last Amended on** -

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
167	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Plasticity Index	IS 2720 (Part 5)
168	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Sieve Analysis / Gradation	IS 2386 (Part 1)
169	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Water Absorption	IS 2386 (Part 3)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHRI JASNATH TESTING AND CALIBRATION LABORATORY, PLOT NO. 280 BASEMENT, SECTOR 3, VIDHYADHAR NAGAR, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10944 **Page No** 11 of 11

Validity 30/08/2022 to 29/08/2024 **Last Amended on** -

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- BUILDINGS MATERIALS	Fine Aggregate	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	In Place Dry Density of Soils by Sand Replacement Method	IS 2720 (Part 28)
4	MECHANICAL- SOIL AND ROCK	Soil	Plate Load Test	IS 1888
5	MECHANICAL- SOIL AND ROCK	Soil	Rapid Determination of Water Content from the Gas Pressure using Calcium Carbide	IS 2720 (Part 2, Section 5)
6	MECHANICAL- SOIL AND ROCK	Soil	Standard Penetration Test (SPT)	IS 2131
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Rebound Hammer Test	IS 516 (Part 5, Section 4)
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Ultrasonic Pulse Velocity Test	IS 516 (Part 5, Section 1)