National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MATTER MATERIAL TESTING AND RESEARCH LABORATORY PRIVATE LIMITED, MINI BYPASS ROAD, THIRUVANNUR NADA (PO), KOZHIKODE, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10743 **Page No** 1 of 7

Validity 15/06/2022 to 14/06/2024 **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 Block	Bulk Density	IS 6441 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete Block	Dimensions - Length	IS 2185 (Part 3)
3	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete Block	Dimensions - Width	IS 2185 (Part 3)
4	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete Block	Dimensions -Thickness	IS 2185 (Part 3)
5	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete Block	Moisture Content	IS 6441 (Part 1)
6	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Water Absorption	ASTM D2726
7	MECHANICAL- BUILDINGS MATERIALS	Bituminous Paving Mixture	Binder Content	ASTM D2172
8	MECHANICAL- BUILDINGS MATERIALS	Bituminous Paving Mixture	Density	ASTM D2726
9	MECHANICAL- BUILDINGS MATERIALS	Bituminous Paving Mixture	Marshall Flow	ASTM D6927
10	MECHANICAL- BUILDINGS MATERIALS	Bituminous Paving Mixture	Marshall Stability	ASTM D6927
11	MECHANICAL- BUILDINGS MATERIALS	Bituminous Paving Mixture	Maximum Specific Gravity Bituminous Mix	ASTM D2041
12	MECHANICAL- BUILDINGS MATERIALS	Bituminous Paving Mixture	Specific Gravity	ASTM D2726
13	MECHANICAL- BUILDINGS MATERIALS	Building Clay Bricks	Compressive Strength	IS 3495 (Part 1)
14	MECHANICAL- BUILDINGS MATERIALS	Building Clay Bricks	Efflorescence	IS 3495 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Building Clay Bricks	Length	IS 1077
16	MECHANICAL- BUILDINGS MATERIALS	Building Clay Bricks	Thickness	IS 1077
17	MECHANICAL- BUILDINGS MATERIALS	Building Clay Bricks	Warpage of Clay Bricks	IS 3495 (Part 4)
18	MECHANICAL- BUILDINGS MATERIALS	Building Clay Bricks	Water Absorption	IS 3495 (Part 2)

SCOPE OF ACCREDITATION

Laboratory Name : MATTER MATERIAL TESTING AND RESEARCH LABORATORY PRIVATE LIMITED, MINI BYPASS ROAD, THIRUVANNUR NADA (PO), KOZHIKODE, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10743 **Page No** 2 of 7

Validity 15/06/2022 to 14/06/2024 **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	Building Clay Bricks	Width	IS 1077
20	MECHANICAL- BUILDINGS MATERIALS	Cellular Light Weight Concrete Block	Block Density	IS 2185 (Part 4)
21	MECHANICAL- BUILDINGS MATERIALS	Cellular Light Weight Concrete Block	Compressive Strength	IS 2185 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	Cellular Light Weight Concrete Block	Dimensions - Length	IS 2185 (Part 4)
23	MECHANICAL- BUILDINGS MATERIALS	Cellular Light Weight Concrete Block	Dimensions - Thickness	IS 2185 (Part 4)
24	MECHANICAL- BUILDINGS MATERIALS	Cellular Light Weight Concrete Block	Dimensions - Width	IS 2185 (Part 4)
25	MECHANICAL- BUILDINGS MATERIALS	Cellular Light Weight Concrete Block	Water Absorption	IS 2185 (Part 4)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Crushing Value	IS 2386 (Part 4)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Impact Value	IS 2386 (Part 4)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Clay Lumps	IS 2386 (Part 2)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Compacted Bulk Density	IS 2386 (Part 3)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Loose Bulk Density	IS 2386 (Part 3)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Los Angeles Abrasion	IS 2386 (Part 4)
34	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis	IS 2386 (Part 1)
35	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness - MgSO4	IS 2386 (Part 5)
36	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part 3)
37	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Ten Percent Fines Value	IS 2386 (Part 4)

SCOPE OF ACCREDITATION

Laboratory Name : MATTER MATERIAL TESTING AND RESEARCH LABORATORY PRIVATE LIMITED, MINI BYPASS ROAD, THIRUVANNUR NADA (PO), KOZHIKODE, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10743 **Page No** 3 of 7

Validity 15/06/2022 to 14/06/2024 **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	Coarse Aggregates	Water Absorption	IS 2386 (Part 3)
39	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulking of Sand	IS 2386 (Part 3)
40	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Compacted Bulk Density	IS 2386 (Part 3)
41	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Loose Bulk Density	IS 2386 (Part 3)
42	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material Finer than 75 micron	IS 2386 (Part 1)
43	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis	IS 2386 (Part 1)
44	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness MgSO4	IS 2386 (Part 5)
45	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
46	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
47	MECHANICAL- BUILDINGS MATERIALS	Fresh Cement Concrete	Density of Fresh Concrete	IS 1199 (Part 3)
48	MECHANICAL- BUILDINGS MATERIALS	Fresh Cement Concrete	Slump - Flow Test	IS 1199 (Part 2)
49	MECHANICAL- BUILDINGS MATERIALS	Hardened Cement Concrete	Compressive Strength by Accelerated Curing	IS 9013
50	MECHANICAL- BUILDINGS MATERIALS	Hardened Cement Concrete	Depth of Water Penetration under Pressure	IS 516 (Part 2, Section 1)
51	MECHANICAL- BUILDINGS MATERIALS	Hardened Cement Concrete Core	Compressive Strength	IS 516 (Part 4)
52	MECHANICAL- BUILDINGS MATERIALS	Hardened Cement Concrete Cube	Compressive Strength	IS 516 (Part 1, Section 1)
53	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement 33, 43,53 Grade	Compressive Strength of Hydraulic Cement	IS 4031 (Part 6)
54	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement 33, 43,53 Grade	Density	IS 4031 (Part 11)
55	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement 33, 43,53 Grade	Final Setting Time	IS 4031 (Part 5)
56	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement 33, 43,53 Grade	Fineness by Blaine Air Permeability	IS 4031 (Part 2)

SCOPE OF ACCREDITATION

Laboratory Name : MATTER MATERIAL TESTING AND RESEARCH LABORATORY PRIVATE LIMITED, MINI BYPASS ROAD, THIRUVANNUR NADA (PO), KOZHIKODE, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10743 **Page No** 4 of 7

Validity 15/06/2022 to 14/06/2024 **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	Ordinary Portland Cement 33, 43,53 Grade	Fineness by Dry Sieving	IS 4031 (Part 1)
58	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement 33, 43,53 Grade	Initial Setting Time	IS 4031 (Part 5)
59	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement 33, 43,53 Grade	Soundness by Le-chatelier Test	IS 4031 (Part 3)
60	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement 33, 43,53 Grade	Standard Consistency	IS 4031 (Part 4)
61	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
62	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimensions and Tolerances - Length	IS 15658
63	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimensions and Tolerances - Thickness	IS 15658
64	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimensions and Tolerances - Width	IS 15658
65	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
66	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Ductility Test at 25 °C	IS 1208
67	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Penetration at 25 °C, 100g	IS 1203
68	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Softening Point	IS 1205
69	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Compressive Strength	IS 4031 (Part 6)
70	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Density	IS 4031 (Part 11)
71	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Final Setting Time	IS 4031 (Part 5)
72	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Fineness by Blaine Air Permeability	IS 4031 (Part 2)
73	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Fineness by Dry Sieving	IS 4031 (Part 1)
74	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Initial Setting Time	IS 4031 (Part 5)
75	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Soundness by Le-chatelier Test	IS 4031 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name : MATTER MATERIAL TESTING AND RESEARCH LABORATORY PRIVATE LIMITED, MINI BYPASS ROAD, THIRUVANNUR NADA (PO), KOZHIKODE, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10743 **Page No** 5 of 7

Validity 15/06/2022 to 14/06/2024 **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
76	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Standard Consistency	IS 4031 (Part 4)
77	MECHANICAL- BUILDINGS MATERIALS	Solid Block	Block Density Masonry Blocks	IS 2185 (Part 1)
78	MECHANICAL- BUILDINGS MATERIALS	Solid Block	Compressive Strength of Masonry Block	IS 2185 (Part 1)
79	MECHANICAL- BUILDINGS MATERIALS	Solid Block	Dimensions Masonry Blocks - Length	IS 2185 (Part 1)
80	MECHANICAL- BUILDINGS MATERIALS	Solid Block	Dimensions Masonry Blocks - Thickness	IS 2185 (Part 1)
81	MECHANICAL- BUILDINGS MATERIALS	Solid Block	Dimensions Masonry Blocks - Width	IS 2185 (Part 1)
82	MECHANICAL- BUILDINGS MATERIALS	Solid Block	Water Absorption of Masonry Blocks	IS 2185 (Part 1)
83	MECHANICAL- BUILDINGS MATERIALS	Tile	Dimensions and Surface Quality - Center Curvature	IS 13630 (Part 1)
84	MECHANICAL- BUILDINGS MATERIALS	Tile	Dimensions and Surface Quality - Edge Curvature	IS 13630 (Part 1)
85	MECHANICAL- BUILDINGS MATERIALS	Tile	Dimensions and Surface Quality - Length	IS 13630 (Part 1)
86	MECHANICAL- BUILDINGS MATERIALS	Tile	Dimensions and Surface Quality - Rectangularity	IS 13630 (Part 1)
87	MECHANICAL- BUILDINGS MATERIALS	Tile	Dimensions and Surface Quality - Straightness of Side	IS 13630 (Part 1)
88	MECHANICAL- BUILDINGS MATERIALS	Tile	Dimensions and Surface Quality - Surface Quality	IS 13630 (Part 1)
89	MECHANICAL- BUILDINGS MATERIALS	Tile	Dimensions and Surface Quality - Thickness	IS 13630 (Part 1)
90	MECHANICAL- BUILDINGS MATERIALS	Tile	Dimensions and Surface Quality - Warpage	IS 13630 (Part 1)
91	MECHANICAL- BUILDINGS MATERIALS	Tile	Dimensions and Surface Quality - Width	IS 13630 (Part 1)
92	MECHANICAL- BUILDINGS MATERIALS	Tile	Modulus of Rupture	IS 13630 (Part 6)
93	MECHANICAL- BUILDINGS MATERIALS	Tile	Scratch Hardness of Surface (Moh's Scale)	IS 13630 (Part 13)
94	MECHANICAL- BUILDINGS MATERIALS	Tile	Thermal Shock Resistance with Immersion Method	IS 13630 (Part 5)

SCOPE OF ACCREDITATION

Laboratory Name : MATTER MATERIAL TESTING AND RESEARCH LABORATORY PRIVATE LIMITED, MINI BYPASS ROAD, THIRUVANNUR NADA (PO), KOZHIKODE, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10743 **Page No** 6 of 7

Validity 15/06/2022 to 14/06/2024 **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
95	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
96	MECHANICAL- SOIL AND ROCK	Soil	Dry Sieve Analysis (100 mm - 4.75 mm)	IS 2720 (Part 4)
97	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
98	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - MDD	IS 2720 (Part 8)
99	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - OMC	IS 2720 (Part 8)
100	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - MDD	IS 2720 (Part 7)
101	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - OMC	IS 2720 (Part 7)
102	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
103	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
104	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
105	MECHANICAL- SOIL AND ROCK	Soil	Wet Sieve Analysis (4.75 mm to 0.075 mm)	IS 2720 (Part 4)

SCOPE OF ACCREDITATION

Laboratory Name : MATTER MATERIAL TESTING AND RESEARCH LABORATORY PRIVATE LIMITED, MINI BYPASS ROAD, THIRUVANNUR NADA (PO), KOZHIKODE, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10743 **Page No** 7 of 7

Validity 15/06/2022 to 14/06/2024 **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	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Cover Meter Thickness	BS 1881 (Part 204)
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Dry Film Thickness	ASTM D6132-13
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Pile Integrity Test	IS 14893
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer Test	IS 516 (Part 5, Section 4)
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity	IS 516 (Part 5, Section 1)