National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : M.E. TECHNOLOGY, PLOT NO- 75-A, KH NO-708, MAHAVEER NAGAR, GRAM CHOKHA, JODHPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8654 **Page No** 1 of 5

Validity 10/01/2023 to 09/01/2025 **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	Bitumen	Ductility Test at 25°C	IS 1208
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration Test	IS 1203
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Binder Content	ASTM D2172
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Marshal Flow	ASTM D 6927
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Marshall Stability	ASTM D6927
8	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly Ash Bricks	Compressive Strength	IS 3495 (Part 1)
9	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly Ash Bricks	Dimension (Height)	IS 1077
10	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly Ash Bricks	Dimension (Length)	IS 1077
11	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly Ash Bricks	Dimension (Width)	IS 1077
12	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly Ash Bricks	Efflorescence	IS 3495 (Part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly Ash Bricks	Water Absorption	IS 3495 (Part 2)
14	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Compressive Strength (28 Days)	IS 4031 (Part-6)
15	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Compressive Strength (7 Days)	IS 4031 (Part-6)
16	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/ OPC)	Compressive Strength (3 Days)	IS 4031 (Part-6)
17	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/ OPC)	Consistency	IS 4031 (Part-4)
18	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/ OPC)	Final Setting Time	IS 4031 (Part-5)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8654 **Page No** 2 of 5

Validity 10/01/2023 to 09/01/2025 **Last Amended on** -

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19	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/ OPC)	Fineness Test (Dry Sieving)	IS 4031 (Part-1)
20	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/ OPC)	Initial Setting Time	IS 4031 (Part-5)
21	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/ OPC)	Soundness by Le-Chatelier's Method	IS 4031 (Part-3)
22	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/ OPC)	Specific Gravity	IS 4031 (Part-11)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 % Fines Value	IS 2386 (Part-4)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Compacted)	IS 2386 (Part-3)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose)	IS 2386 (Part-3)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part-4)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part-1)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part-1)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part-4)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angles Abrasion value	IS 2386 (Part-4)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (80 mm to 4.75 mm)	IS 2386 (Part-1)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part-3)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part-3)
34	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516: (Part-1/Sec-1)
35	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength	IS 516: (Part-1/Sec-1)
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Compacted)	IS 2386 (Part-3)
37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose)	IS 2386 (Part-3)

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Certificate Number TC-8654 **Page No** 3 of 5

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38	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (10 mm to 0.150 mm)	IS 2386 (Part-1)
39	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part-3)
40	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part-3)
41	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
42	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Thickness)	IS 15658
43	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
44	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel Bar	Yield Stress	IS 1608 (Part-1)
45	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel Bar	% Elongation	IS 1608 (Part-1)
46	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel Bar	Bend	IS 1599
47	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel Bar	Mass per Meter	IS 1786
48	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel Bar	Re-Bend	IS 1786
49	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel Bar	Tensile Strength	IS 1608 (Part-1)
50	MECHANICAL- SOIL AND ROCK	Natural Stone	Compressive Strength	IS 1121 (Part-1)
51	MECHANICAL- SOIL AND ROCK	Natural Stone	Water Absorption	IS 1124
52	MECHANICAL- SOIL AND ROCK	Soil	C.B.R	IS 2720 (Part-16)
53	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test- Angle of internal friction	IS 2720 (Part-13)
54	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test-unit cohesion	IS 2720 (Part-13)
55	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part-40)
56	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (Part-4)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8654 **Page No** 4 of 5

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57	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part-8)
58	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part-8)
59	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part-7)
60	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part-7)
61	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit (by Cone Penetrometer)	IS 2720 (Part-5)
62	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part-5)

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Certificate Number TC-8654 **Page No** 5 of 5

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Standard Penetration Test	IS 2131
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 516(Part-5/Sec-4)
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Test	IS 516(Part-5/Sec-1) Amanded-1