National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MARSHAL TEST LABS (I) PVT. LTD., SHOP 6-7, FOURTH FLOOR, DAWA BAZAR, 13-14, R.N.T MARG, INDORE, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 11/04/2023 to 10/04/2025 **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
LOCATION 1-SHOP 6-7, FOURTH FLOOR, DAWA BAZAR, 13-14, R.N.T MARG, INDORE, MADHYA PRADESH, INDIA Permanent Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content	IRC SP 11
2	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Initial Setting Time	IS 4031 (Part 5)
3	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Final Setting Time	IS 4031 (Part 5)
4	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Fineness by Dry Sieving	IS 4031 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Standard Consistency	IS 4031 (Part 4)
6	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose and Rodded)	IS 2386 (Part 3)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Magnesium Sulphate (MgSO4)	IS 2386 (Part 5)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Sodium Sulphate (Na2SO4)	IS 2386 (Part 5)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (Part 4)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Los Angles Abrasion Test	IS 2386 (Part 4)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (75 mic to 80 mm)	IS 2386 (Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	Dimensions (Height)	IS 1077
18	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	Dimensions (Length)	IS 1077

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19	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	Dimensions (Width)	IS 1077
20	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	Water Absorption	IS 3495 (Part 2)
21	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Abrasion Resistance	IS 15658
22	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Arris/chamfer	IS 15658
23	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Aspect ratio	IS 15658
24	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Colour and Texture	IS 15658
25	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Dimension (Length)	IS 15658
26	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Dimension (Plain area)	IS 15658
27	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Dimension (Thickness)	IS 15658
28	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Dimension (Wearing Face Area)	IS 15658
29	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Dimension (Width)	IS 15658
30	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Flexural strength	IS 15658
31	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Freeze- thaw durability	IS 15658
32	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	General Quality	IS 15658
33	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Ratio of wearing face area and plan area	IS 15658
34	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Tensile splitting strength	IS 15658
35	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Thickness of wearing layer	IS 15658
36	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Visual Inspection	IS 15658
37	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Water Absorption	IS 15658

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38	MECHANICAL- BUILDINGS MATERIALS	Core	Density	IS 516 (Part 2/Sec 1)
39	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose and Rodded)	IS 2386 (Part 3)
40	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 microns	IS 2386 (Part 1)
41	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (0.15 to 4.75 mm)	IS 2386 (Part 1)
42	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
43	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Cement Bricks	Density	IS 2185(Part 01)
44	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Cement Bricks	Dimension (Height)	IS 16720
45	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Cement Bricks	Dimension (Length)	IS 16720
46	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Cement Bricks	Dimension (Width)	IS 16720
47	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Cement Bricks	Drying Shrinkage	IS 4139
48	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Cement Bricks	General Quality	IS 16720
49	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Cement Bricks	Water Absorption	IS 3495 (Part 02)
50	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel TMT Bar	Effective cross sectional area	IS 1786
51	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
52	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle or shearing resistance)	IS 2720 (Part 13)
53	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion intercept 'C')	IS 2720 (Part 13)
54	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
55	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Maximum Dry Density	IS 2720 (Part 8)

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56	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Optimum Moisture Content	IS 2720 (Part 8)
57	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit by Mechanical Method	IS 2720 (Part 5)
58	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Analysis (0.075 to 4.75 mm)	IS 2720 (Part 4)
59	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
60	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3 / Sec 1)
61	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression without the Measurement of Pore water pressure (Angle or shearing resistance)	IS 2720 (Part 11)
62	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression without the Measurement of Pore water pressure (Cohesion intercept 'C')	IS 2720 (Part 11)
63	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)

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LOCATION 2 - 14-INDORE TRADE CENTRE, 3/2 SOUTH TUKO GANJ, INDORE, MADHYA PRADESH, INDIA Permanent Facility				
1	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel TMT Bar	% Elongation	IS 1786
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel TMT Bar	0.2% Proof Stress	IS 1608 (Part 1)
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel TMT Bar	Bend Test	IS 1599
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel TMT Bar	Freedom from defects	IS 1786
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel TMT Bar	Mass per Meter	IS 1786
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel TMT Bar	Nominal Size	IS 1786
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel TMT Bar	Pull out Test	IS 2770 (Part 1)
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel TMT Bar	Rebend Test	IS 1786
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel TMT Bar	Ultimate Tensile Strength	IS 1608 (Part 1)
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel TMT Bar	Yield Strength	IS 1608 (Part 1)