National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MICRO TESTING LAB SOLUTIONS PVT. LTD., PLOT NO 269, YEWOOR GATE, UPWAN LAKE, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9638 **Page No** 1 of 4

Validity 28/06/2021 to 27/06/2023 **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	Cement OPC / PPC	Compressive Strength	IS 4031 (P-6)
2	MECHANICAL- BUILDINGS MATERIALS	Cement OPC / PPC	Final Setting Time	IS 4031 (P-5)
3	MECHANICAL- BUILDINGS MATERIALS	Cement OPC / PPC	Initial Setting Time	IS 4031 (P-5)
4	MECHANICAL- BUILDINGS MATERIALS	Cement OPC / PPC	Normal Consistency	IS 4031 (P-4)
5	MECHANICAL- BUILDINGS MATERIALS	Cement OPC / PPC	Soundness by Le-chatilier method	IS 4031 (P-3)
6	MECHANICAL- BUILDINGS MATERIALS	Cement OPC /PPC	Density	IS 4031(P-11)
7	MECHANICAL- BUILDINGS MATERIALS	Cement OPC /PPC	Fineness by dry Sieving	IS 4031 (P-1)
8	MECHANICAL- BUILDINGS MATERIALS	Clay Brick	Compressive Strength	IS 3495 (P-1)
9	MECHANICAL- BUILDINGS MATERIALS	Clay Brick	Dimensions -Height	IS 1077
10	MECHANICAL- BUILDINGS MATERIALS	Clay Brick	Dimensions -Length	IS 1077
11	MECHANICAL- BUILDINGS MATERIALS	Clay Brick	Dimensions -Width	IS 1077
12	MECHANICAL- BUILDINGS MATERIALS	Clay Brick	Efflorescence	IS 3495 (P-3)
13	MECHANICAL- BUILDINGS MATERIALS	Clay Brick	Water Absorption	IS 3495 (P-2)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 mm Sieve Passing	IS 2386 (P-1)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	20 mm Sieve Passing	IS 2386 (P-1)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	4.75 mm Sieve Passing	IS 2386 (P-1)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	40 mm Sieve Passing	IS 2386 (P-1)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	80 mm Sieve Passing	IS 2386 (P-1)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 (P-4)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose)	IS 2386 (P-3)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Rodded)	IS 2386 (P-3)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (P-4)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (P-1)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (P-1)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (P-4)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (P-3)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (P-3)
28	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516
29	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	0.150 mm Sieve Passing	IS 2386 (P-1)
30	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	0.300 mm Sieve Passing	IS 2386 (P-1)
31	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	0.600 mm Sieve Passing	IS 2386 (P-1)
32	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	1.18 mm Sieve Passing	IS 2386 (P-1)
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	10 mm Sieve Passing	IS 2386 (P-1)
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	2.36 mm Sieve Passing	IS 2386 (P-1)
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	4.75 mm Sieve Passing	IS 2386 (P-1)
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose)	IS 2386 (P-3)
37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Rodded)	IS 2386 (P-3)

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38	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Materials finer than 75 micron IS sieve	IS 2386 (P-1)
39	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (P-3)
40	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (P-3)
41	MECHANICAL- BUILDINGS MATERIALS	Fuel Ash Brick	Compressive Strength	IS 3495
42	MECHANICAL- BUILDINGS MATERIALS	Fuel Ash Brick	Dimensions -Width	IS 12894
43	MECHANICAL- BUILDINGS MATERIALS	Fuel Ash Brick	Dimensions -height	IS 12894
44	MECHANICAL- BUILDINGS MATERIALS	Fuel Ash Brick	Dimensions -Length	IS 12894
45	MECHANICAL- BUILDINGS MATERIALS	Fuel Ash Brick	Water Absorption	IS 3495
46	MECHANICAL- BUILDINGS MATERIALS	Harden Concrete Cube	Compressive Strength	IS 516
47	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Abrasion Resistance	IS 15658
48	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
49	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
50	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel (rebar)	% Elongation	IS 1786
51	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel (rebar)	Bend Test	IS 1599
52	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel (Rebar)	Mass Per Metre	IS 1786
53	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel (rebar)	Tensile Strength	IS 1608 (Part-1)
54	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (Soaked)	IS 2720 (P-16)
55	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (Unsoaked)	IS 2720 (P-16)
56	MECHANICAL- SOIL AND ROCK	Soil	Dry sieve analysis	IS 2720 (P-4)

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57	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction- Maximum Dry Density	IS 2720 (P-8)
58	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction- Optimum Moisture Content	IS 2720 (P-8)
59	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction- Maximum Dry Density	IS 2720 (P-7)
60	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (P-5)
61	MECHANICAL- SOIL AND ROCK	Soil	Natural Moisture Content	IS 2720 (P-7)
62	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (P-5)
63	MECHANICAL- SOIL AND ROCK	Soil	Standard Compaction- Optimum Moisture Content	IS 2720 (P-7)