National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MANGLAM CONSULTANCY SERVICES, BLOCK-B,FLAT NO.-1 & 2, SAFAL APPARTMENT-2 COLLAGE ROAD, DAHOD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8090 **Page No** 1 of 4

Validity 15/12/2021 to 14/12/2023 **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	BITUMEN	ABSOLUTE VISCOSITY	IS: 1206 (Part-2)
2	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	DUCTILITY	IS: 1208
3	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	KINEMATIC VISCOSITY	IS: 1206 (Part-3)
4	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	PENETRATION	IS: 1203
5	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	SOFTENING POINT	IS: 1205
6	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	SPECIFIC GRAVITY	IS: 1202
7	MECHANICAL- BUILDINGS MATERIALS	BITUMEN MIX	BINDER CONTENT	IRC SP 11 Appendix 5 Clause C
8	MECHANICAL- BUILDINGS MATERIALS	BITUMEN MIX	DENSITY	ASTM D 2726
9	MECHANICAL- BUILDINGS MATERIALS	BITUMEN MIX	FLOW TEST	ASTM D 6927
10	MECHANICAL- BUILDINGS MATERIALS	BITUMEN MIX	MARSHAL STABILITY	ASTM D 6927
11	MECHANICAL- BUILDINGS MATERIALS	BURNT CLAY BUILDING BRICKS	DIMENSION (H)	IS 1077
12	MECHANICAL- BUILDINGS MATERIALS	BURNT CLAY BUILDING BRICKS	DIMENSION (L)	IS 1077
13	MECHANICAL- BUILDINGS MATERIALS	BURNT CLAY BUILDING BRICKS	DIMENSION (W)	IS 1077
14	MECHANICAL- BUILDINGS MATERIALS	BURNT CLAY BUILDING BRICKS/FLY ASH BRICK	COMPRESSIVE STRENGTH	IS:3495 (PART-1)
15	MECHANICAL- BUILDINGS MATERIALS	BURNT CLAY BUILDING BRICKS/FLY ASH BRICK	EFFLORESCENCE	IS:3495 (Part 3)
16	MECHANICAL- BUILDINGS MATERIALS	BURNT CLAY BUILDING BRICKS/FLY ASH BRICK	WATER ABSORPTION	IS 3495 (PART-2)
17	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	FLAKINESS INDEX	IS:2386 (PART-1)
18	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	IMPACT VALUE	IS:2386 (PART-4)

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19	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	LOSS ANGLES ABRASION	IS:2386 (P-4)
20	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	SPECIFIC GRAVITY	IS:2386 (P-3)
21	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATES	BULK DENSITY	IS:2386 (P-3)
22	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATES	CRUSHING VALUE	IS:2386 (P-4)
23	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATES	ELONGATION INDEX	IS:2386 (PART-1)
24	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATES (4.75mm to 125mm)	SIEVE ANALYSIS	IS 2386 (PART-1)
25	MECHANICAL- BUILDINGS MATERIALS	CONCRETE PAVER BLOCK	COMPRESSIVE STRENGTH	IS:15658 ANNEXURE D
26	MECHANICAL- BUILDINGS MATERIALS	CONCRETE PAVER BLOCKS	WATER ABSORPTION	IS:15658 ANNEXURE C
27	MECHANICAL- BUILDINGS MATERIALS	cube	Compressive Strength	IS 516
28	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	BULK DENSITY	IS:2386 (P 3)
29	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SPECIFIC GRAVITY	IS:2386 (P 3)
30	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE (75 mic to 10 mm)	SIEVE ANALYSIS	IS:2386 (P 1)
31	MECHANICAL- BUILDINGS MATERIALS	Flexural Mould	Flexural Strength	IS 516
32	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Dimeansion (W)	IS 12894
33	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension (H) For 30mm High Bricks	IS 12894
34	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension (H) For 70mm High Bricks	IS 12894
35	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension (L)	IS 12894
36	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars & Mild Steel Bar for Concrete Reinforcement	Bend Test	IS:1599, 2012
37	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars & Mild Steel Bar for Concrete Reinforcement	Elongation (%)	IS:1608

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38	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars & Mild Steel Bar for Concrete Reinforcement	Mass per meter	IS:1786
39	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars & Mild Steel Bar for Concrete Reinforcement	Re-bend Test	IS:1786
40	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars & Mild Steel Bar for Concrete Reinforcement	Tensile Strength	IS:1608
41	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars & Mild Steel Bar for Concrete Reinforcement	Yield Stress	IS:1608
42	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC	Compressive Strength	IS 4031 (Part-6)
43	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC	Consistency	IS 4031 (Part-4)
44	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC	Final Setting Time	IS 4031 (Part-5)
45	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC	Fineness by Blain’s Method	IS 4031 (Part-2)
46	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC	Initial Setting Time	IS 4031 (Part-5)
47	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC	Soundness by Le- Chatilier Method	IS 4031 (Part-3)
48	MECHANICAL- SOIL AND ROCK	SOIL	CALIFORNIA BEARING RATIO (SOAKED)	IS:2720 (P 16)
49	MECHANICAL- SOIL AND ROCK	SOIL	DIRECT SHEAR TEST (ANGLE OF SHEAR)	IS 2720 (PART 13)
50	MECHANICAL- SOIL AND ROCK	SOIL	DIRECT SHEAR TEST (COHESIN)	IS: 2720 (P 13)
51	MECHANICAL- SOIL AND ROCK	SOIL	FREE SWELL INDEX	IS 2720 (PART 40)
52	MECHANICAL- SOIL AND ROCK	SOIL	GRAIN SIZE ANALYSIS (75 mic. – 4.36 mm)	IS:2720 (P 04)
53	MECHANICAL- SOIL AND ROCK	SOIL	HEAVY COMPACTION (MDD)	IS: 2720 (P 8)
54	MECHANICAL- SOIL AND ROCK	SOIL	HEAVY COMPACTION (OMC)	IS: 2720 (P 8)-
55	MECHANICAL- SOIL AND ROCK	SOIL	LIGHT COMPACTION (MDD)	IS: 2720 (P 7)
56	MECHANICAL- SOIL AND ROCK	SOIL	LIGHT COMPACTION (OMC)	IS: 2720 (P 7)-

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57	MECHANICAL- SOIL AND ROCK	SOIL	LIQUID LIMIT	IS: 2720 (P 5)
58	MECHANICAL- SOIL AND ROCK	SOIL	PLASTIC LIMIT	IS: 2720 (P 5)-
59	MECHANICAL- SOIL AND ROCK	SOIL	SHRINKAGE LIMIT	IS: 2720 (P 6)
60	MECHANICAL- SOIL AND ROCK	SOIL	SPECIFIC GRAVITY	IS 2720 (PART 3)