National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MANGLAM CONSULTANCY SERVICES, GODHRA, 30, PRABHAKUNJ SOCIETY, GODHRA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6508 **Page No** 1 of 3

Validity 26/12/2021 to 25/12/2023 **Last Amended on** 23/02/2022

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 D2726 / D2726M
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Marshall Flow	ASTM D 6927
10	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Marshall Stability	ASTM D 6927
11	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension - Height (Clay Bricks)	IS 1077
12	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension - Height (Fly Ash Bricks)	IS 12894
13	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension - Length (Fly Ash Bricks)	IS 12894
14	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension - Width (Clay Bricks)	IS 1077
15	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension - Width (Fly Ash Bricks)	IS 12894
16	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Clay Bricks)(Length)	IS 1077
17	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay/Fly Ash)	Compressive Strength	IS 3495 (Part 1)
18	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay/Fly Ash)	Efflorescence	IS 3495 (Part-3)

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19	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay/Fly Ash)	Water Absorption	IS 3495 (Part-2)
20	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Compressive Strength	IS 4031 (Part-6)
21	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Final Setting Time	IS 4031 (Part-5)
22	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness by Blaine's Air Permeability	IS 4031 (Part-2)
23	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Initial Setting Time	IS 4031 (Part-5)
24	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Soundness by Le-Chatelier Method	IS 4031 (Part-3)
25	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Standard Consistency	IS 4031 (Part-4)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse	Abrasion Value	IS 2386 (Part-4)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse	Crushing Value	IS 2386 (Part-4)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse	Elongation Index	IS 2386 (Part-1)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse	Flakiness Index	IS 2386 (Part-1)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse	Impact Value	IS 2386(Part-4)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse	Sieve Analysis (90 mm to 2.36 mm)	IS 2386 (Part-1)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse	Specific Gravity	IS 2386 (Part-3)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse	Water Absorption	IS 2386 (Part-3)
34	MECHANICAL- BUILDINGS MATERIALS	Cube	Compressive Strength	IS 516
35	MECHANICAL- BUILDINGS MATERIALS	Fine	Material Finer than 75 Micron	IS 2386 (Part-1)
36	MECHANICAL- BUILDINGS MATERIALS	Fine	Sieve Analysis (10 mm to 75 micron)	IS 2386 (Part-1)
37	MECHANICAL- BUILDINGS MATERIALS	Fine	Specific Gravity	IS 2386 (Part-3)

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38	MECHANICAL- BUILDINGS MATERIALS	Fine	Water Absorption	IS 2386 (Part-3)
39	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Compressive Strength	IS 15658, Annex D
40	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Water Absorption	IS 15658, Annex C
41	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part-16)
42	MECHANICAL- SOIL AND ROCK	Soil	Consolidation - Compression Index (Cc)	IS 2720 (Part-15)
43	MECHANICAL- SOIL AND ROCK	Soil	Consolidation- Pre Consolidation Pressure Index (Pc)	IS 2720 (Part-15)
44	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (Undrained)	IS 2720 (Part-13)
45	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear- Undrained Cohesion (C)	IS 2720 (Part-13)
46	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part-40)
47	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction	IS 2720 (Part-8)
48	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction	IS 2720 (Part-8)
49	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction	IS 2720 (Part-7)
50	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction	IS 2720 (Part-7)
51	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part-5)
52	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part-5)
53	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part-6)
54	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis	IS 2720 (part-4)
55	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3) Section 1