National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MEGHRAJ GEOTECH ENGINEERING, ASHOK NAGAR, PLOT.-02, DHARAMPUR, KHAMBHALIYA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8847 **Page No** 1 of 3

Validity 20/02/2020 to 19/02/2022* **Last Amended on** -

*The validity is extended for one year up to 19.02.2023

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	AGGREGATE (COARSE)	ABRASION VALUE	IS 2386 (PART 4) 1963
2	MECHANICAL- BUILDINGS MATERIALS	AGGREGATE (COARSE)	IMPACT VALUE	IS 2386 (PART 4) 1963
3	MECHANICAL- BUILDINGS MATERIALS	AGGREGATE (COARSE)	SIEVE ANALYSIS	IS 2386 (PART 1) 1963
4	MECHANICAL- BUILDINGS MATERIALS	AGGREGATE (COARSE)	SPECIFIC GRAVITY	IS 2386 (PART 3) 1963
5	MECHANICAL- BUILDINGS MATERIALS	AGGREGATE (COARSE)	WATER ABSORPTION	IS 2386 (PART 3) 1963
6	MECHANICAL- BUILDINGS MATERIALS	AGGREGATE (CORSE)	CRUSHING VALUE	IS 2386 (PART 4) 1963
7	MECHANICAL- BUILDINGS MATERIALS	AGGREGATE (FINE)	SIEVE ANALYSIS	IS 2386 (PART 1) 1963
8	MECHANICAL- BUILDINGS MATERIALS	AGGREGATE (FINE)	SPECIFIC GRAVITY	IS 2386 (PART 3) 1963
9	MECHANICAL- BUILDINGS MATERIALS	AGGREGATE (FINE)	WATER ABSORPTION	IS 2386 (PART 3) 1963
10	MECHANICAL- BUILDINGS MATERIALS	AGGREGATE(COARSE)	FLAKINESS INDEX & ELONGATION INDEX	IS 2386 (PART 1) 1963
11	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	ABSOLUTE VISCOSITY	IS 1206 (PART 2) 1978
12	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	DUCTILITY	IS 1028 1987
13	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	KINEMATICS VISCOSITY	IS 1206 (PART 3) 1978
14	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	PENETRATION	IS 1203 1978
15	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	SOFTENING POINT	IS 1205 1978
16	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	SPECIFIC GRAVITY	IS 1202 1978
17	MECHANICAL- BUILDINGS MATERIALS	BITUMEN MIX	BINDER CONTENT	ASTM D 2172
18	MECHANICAL- BUILDINGS MATERIALS	BITUMEN MIX	DENSITY	ASTM D 2014

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19	MECHANICAL- BUILDINGS MATERIALS	BITUMEN MIX	FLOW TEST	ASTM D 6927
20	MECHANICAL- BUILDINGS MATERIALS	BITUMEN MIX	MARSHAL STABILITY	ASTM D 6927
21	MECHANICAL- BUILDINGS MATERIALS	BRICKS (CLAY & FLY ASH)	COMPRESSIVE STRENGTH	IS 3495 (PART 1) 1992
22	MECHANICAL- BUILDINGS MATERIALS	BRICKS (CLAY & FLY ASH)	DIMENSITION	IS 1077 1992
23	MECHANICAL- BUILDINGS MATERIALS	BRICKS (CLAY & FLY ASH)	EFFLORESCENCE	IS 3495 (PART 3) 1992
24	MECHANICAL- BUILDINGS MATERIALS	BRICKS (CLAY & FLY ASH)	WATER ABSORPTION	IS 3495 (PART 1) 1992
25	MECHANICAL- BUILDINGS MATERIALS	CEEMENT OPC GRADE 53	COMPRESSIVE STRENGTH	IS 4031 (PART 6) 1988
26	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC GRADE 53	FINAL SETTING	IS 4031 (PART 5) 1988
27	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC GRADE 53	FINENESS BY BLAIN AIR PERMEABILITY	IS 4031 (PART 2) 1988
28	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC GRADE 53	INITIAL SEETING	IS 4031 (PART 5) 1988
29	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC GRADE 53	SOUNDNESS BY LE- CHATELIER	IS 4031 (PART 3) 1988
30	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC GRADE 53	STANDARD CONSISTENCY	IS 4031 (PART 4) 1988
31	MECHANICAL- BUILDINGS MATERIALS	FRESH CONCRETE	SLUMP TEST	IS 1199 1959
32	MECHANICAL- BUILDINGS MATERIALS	HARDENED CONCRETE	COMPRESSIVE STRENGTH	IS 516 1959
33	MECHANICAL- BUILDINGS MATERIALS	HARDENED CONCRETE	FLEXURAL STRENGTH	IS 516 1959
34	MECHANICAL- BUILDINGS MATERIALS	PAVER BLOCK	COMPRESSIVE STRENGTH	IS 15658 2006
35	MECHANICAL- BUILDINGS MATERIALS	PAVER BLOCK	WATER ABSORPTION	IS 15658 2006
36	MECHANICAL- SOIL AND ROCK	SOIL	CALIFORNIA BEARING RATIO	IS 2720 (PART 16)

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37	MECHANICAL- SOIL AND ROCK	SOIL	DIRECT SHEAR	IS 2720 (PART 13) 1986
38	MECHANICAL- SOIL AND ROCK	SOIL	FREE SWELL INDEX	IS 2720(PART 40) 1977
39	MECHANICAL- SOIL AND ROCK	SOIL	GRAIN SIZE ANALYSIS	IS 2720 1983
40	MECHANICAL- SOIL AND ROCK	SOIL	HEAVY COMPACTION	IS 2720(PART 8) 1983
41	MECHANICAL- SOIL AND ROCK	SOIL	LIGHT COMPACTION	IS 2720 (PART 7) 1980
42	MECHANICAL- SOIL AND ROCK	SOIL	LIQUID LIMIT	IS 2720 (PART 5) 1985
43	MECHANICAL- SOIL AND ROCK	SOIL	PLASTIC LIMIT	IS 2720 (PART 5) 1985
44	MECHANICAL- SOIL AND ROCK	SOIL	SHRINKAGE FACTOR	IS 2720 (PART 6) 1972
45	MECHANICAL- SOIL AND ROCK	SOIL	SPECIFIC GRAVITY	IS 2720 (PART 3) 1980