National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MECADEZ CORE TECHNOLOGIES PRIVATE LIMITED (TESTING DIVISION), NO. 80, ANIKETHANA , 14TH B MAIN ROAD, WEST OF CHORD ROAD, 2ND STAGE, 2ND PHASE, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10675 **Page No** 1 of 2

Validity 09/06/2022 to 08/06/2024 **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	Ductility	IS 1208 (Clause 2.1)
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203 (Clause 3.5)
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205 (Clause 3.1)
4	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
6	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
7	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
8	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Dry Sieving	IS 4031 (Part 1)
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density (Compacted)	IS 2386 (Part 3, Clause 3)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density (Loose)	IS 2386 (Part 3, Clause 3)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (Part 4)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1, Clause 5)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1, Clause 4)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (Part 4, Clause 4)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (Sieve Size: 4.75 mm to 80 mm)	IS 2386 (Part 1, Clause 2)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part 3, Clause 2)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part 3, Clause 2)

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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
19	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density (Compacted)	IS 2386 (Part 3, Clause 3)
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density (Loose)	IS 2386 (Part 3, Clause 3)
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material finer than 75 microns	IS 2386 (Part 1, Clause 3)
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (Sieve Size: 0.075 mm to 10 mm)	IS 2386 (Part 1, Clause 2)
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3, Clause 2)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3, Clause 2)
26	MECHANICAL- BUILDINGS MATERIALS	Solid Blocks	Compressive Strength	IS 2185 (Part 1)
27	MECHANICAL- SOIL AND ROCK	Soil	Soaked CBR	IS 2720 (Part 16)
28	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
29	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (Part 4, Clause 4.3.2)
30	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8)
31	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8)
32	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
33	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
34	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5, Clause 3)
35	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
36	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)