National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MCB MATERIAL TESTING AND RESEARCH CENTRE LLP, PLOT NO. 44, SRI BALAJI DHAM MARG, KASHIPUR ROAD, NH 74, DANPUR, RUDRAPUR, UDAM SINGH NAGAR, UTTARAKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11241 **Page No** 1 of 2

Validity 27/12/2022 to 26/12/2024 **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	Burnt Clay Bricks	Compressive Strength	IS 3495 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Water Absorption	IS 3495 (Part 2)
3	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material Finer than 75 µm	IS 2386 (Part 2)
4	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 % Fines Value	IS 2386 (Part 4)
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS 2386 (Part 4)
6	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Compacted)	IS 2386 (Part 3)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose)	IS 2386 (Part 3)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Clay & Lumps	IS 2386 (Part 2)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 3)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 mm to 80 mm)	IS 2386 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Sodium sulphate	IS 2386 (Part 5)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
16	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516 (Part 1/Section 1)
17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay & Lumps	IS 2386 (Part 2)
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 (Part 2)

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19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (75 µm to 10 mm)	IS 2386 (Part 1)
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Sodium Sulphate	IS 2386 (Part 5)
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
22	MECHANICAL- SOIL- BASIC	Soil	California Bearing Ratio	IS 2720 (Part 16)
23	MECHANICAL- SOIL- BASIC	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
24	MECHANICAL- SOIL- BASIC	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
25	MECHANICAL- SOIL- BASIC	Soil	Liquid Limit	IS 2720 (Part 5)
26	MECHANICAL- SOIL- BASIC	Soil	Plastic Limit	IS 2720 (Part 5)
27	MECHANICAL- SOIL- BASIC	Soil	Specific Gravity	IS 2720 (Part 3)