National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INDIA ENGINEERING LAB, 559, GORAMACHHIYA, KANPUR ROAD, JHANSI, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10151 **Page No** 1 of 4

Validity 21/12/2021 to 20/12/2023 **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	Bricks	Compressive Strength	IS 3495 (Part-1)
2	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS 1077
3	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 1077
4	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 1077
5	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence Test	IS 3495 (Part-3)
6	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part-2)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	10% Fine Value	IS 2386 Part 4
8	MECHANICAL- BUILDINGS MATERIALS	Coarse AGGREGATES	Bulk Density	IS 2386 PART 3
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value Test	IS 2386 PART 4
10	MECHANICAL- BUILDINGS MATERIALS	Coarse AGGREGATES	Elongation Index	IS 2386 PART 1
11	MECHANICAL- BUILDINGS MATERIALS	Coarse AGGREGATES	Flakiness Index	IS 2386 PART 1
12	MECHANICAL- BUILDINGS MATERIALS	Coarse AGGREGATES	Impact Value	IS 2386 PART 4
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Los Angels Abrasion Value	IS 2386 PART 4
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis	IS 2386 PART 1
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity of Aggregates	IS 2386 PART 3
16	MECHANICAL- BUILDINGS MATERIALS	Course AGGREGATES	Water Absorption Test	IS 2386 PART 3
17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density Test	IS 2386 Part 3
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material Finer then 75 micron	IS 2386 PART 1

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19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis	IS 2386 PART 1
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 Part 3
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 Part 3
22	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516
23	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
24	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 Annexure III
25	MECHANICAL- SOIL AND ROCK	Rock	Point Load Strength Index	IS 8764
26	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
27	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
28	MECHANICAL- SOIL AND ROCK	Soil	CBR Test	IS 2720 Part 16
29	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Angle of Friction	IS 2720 (Part-13)
30	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Cohesion	IS 2720 (Part-13)
31	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part-40)
32	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part -8)
33	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part-8)
34	MECHANICAL- SOIL AND ROCK	Soil	Light compaction (MDD)	IS 2720 (Part 7)
35	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
36	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
37	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)

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38	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit Test	IS 2720 Part - 6
39	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis Test (at 2 mm IS Sieve)	IS 2720 (Part-4)
40	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3)
41	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test (UU) Angle of Friction	IS 2720 (Part-11)
42	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test Cohesion	IS 2720 (Part-11)
43	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part-2)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	FDD by Core Cutter Method	IS 2720 (Part-29)
2	MECHANICAL- SOIL AND ROCK	Soil	FDD by Sand Replacement Method	IS 2720 (Part-28)
3	MECHANICAL- SOIL AND ROCK	Soil	Standard Penetration Test	IS 2131