National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : R. K. ENTERPRISES, 1/416, VASTU KHAND, GOMTI NAGAR, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9149 **Page No** 1 of 4

Validity 08/12/2022 to 07/12/2024 **Last Amended on** 13/04/2023

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	Bricks	Dimension (Height)	IS 1077
2	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 1077
3	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimensions and Tolerances (Length)	1077
4	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence Test	IS 3495 PART 3
5	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water absorption	IS 3495 part 2
6	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay / Flyash Bricks	Compressive Strength	IS 3495 (part-1)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Coarse Aggregate Bulk Density (Compacted)	IS 2386 PART 3
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (80 mm to 0.075 mm	IS : 2386 (Part I)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part-3)
10	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATES	Bulk Density (Loose)	IS 2386 (Part-3)
11	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATES	CRUSHING VALUE	IS 2386 PART 4
12	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATES	Elongation Index	IS 2386 PART 1
13	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATES	Flakiness Index	IS 2386 PART 1
14	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATES	Impact Value	IS 2386 PART 4
15	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Water absorption	IS 2386 (Part-3)
16	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	BULK DENSITY TEST (Loose)	IS 2386 PART 3
17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Fine Aggregate Bulk Density (Compacted)	IS 2386 PART 3
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 micron	IS 2386 Part 1

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19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis Test (	IS 2386 PART 1
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity Test	IS 2386 PART 3
21	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATES	WATER ABSORPTION	IS 2386 PART 3
22	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cubes & Cores	Compressive Strength	IS 516
23	MECHANICAL- BUILDINGS MATERIALS	PRECAST CONCRETE BLOCKS FOR PAVING	COMPRESSIVE STRENGTH	IS 15658 (ANNEX D)
24	MECHANICAL- BUILDINGS MATERIALS	PRECAST CONCRETE BLOCKS FOR PAVING	METHOD FOR DETERMINATION OF WATER ABSORPTION	IS 15368 (ANNEX C)
25	MECHANICAL- BUILDINGS MATERIALS	PRECAST CONCRETE BLOCKS FOR PAVING (Height)	METHOD FOR DETERMINATION OF DIMENSIONS, ASPECT RATIO, PLAN AREA, WEARING FACE AREA AND DEVIATION FROM SQUARENESS	IS 15658 (ANNEX B)
26	MECHANICAL- BUILDINGS MATERIALS	PRECAST CONCRETE BLOCKS FOR PAVING (LENGTH)	METHOD FOR DETERMINATION OF DIMENSIONS, ASPECT RATIO, PLAN AREA, WEARING FACE AREA AND DEVIATION FROM SQUARENESS	IS 15658 (ANNEX B)
27	MECHANICAL- BUILDINGS MATERIALS	PRECAST CONCRETE BLOCKS FOR PAVING (WIDTH)	METHOD FOR DETERMINATION OF DIMENSIONS, ASPECT RATIO, PLAN AREA, WEARING FACE AREA AND DEVIATION FROM SQUARENESS	IS 15658 (ANNEX B)
28	MECHANICAL- SOIL AND ROCK	SOIL & CLAY	LIGHT COMPACTION (MDD)	IS 2720 PART 7
29	MECHANICAL- SOIL AND ROCK	soil and clay	CBR TEST	IS 2720 PART 16
30	MECHANICAL- SOIL AND ROCK	SOIL AND CLAY	CONSOLIDATION Cc Test	IS 2720 PART 15
31	MECHANICAL- SOIL AND ROCK	soil and clay	Direct Shear Test (Angle of Friction)	IS 2720 PART 13
32	MECHANICAL- SOIL AND ROCK	Soil and Clay	Free Swell Index	IS 2720 PART 40
33	MECHANICAL- SOIL AND ROCK	SOIL AND CLAY	Grain Size Analysis (Wet Sieve Analysis)	IS 2720 (PART-4)

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34	MECHANICAL- SOIL AND ROCK	Soil and Clay	Heavy Compaction (MDD)	IS 2720 PART 8
35	MECHANICAL- SOIL AND ROCK	Soil and Clay	Heavy Compaction (OMC)	IS 2720 PART 8
36	MECHANICAL- SOIL AND ROCK	SOIL AND CLAY	HYDROMETER TEST	IS 2720 PART 4
37	MECHANICAL- SOIL AND ROCK	Soil and Clay	Light Compaction (OMC)	IS 2720 PART 7
38	MECHANICAL- SOIL AND ROCK	soil and Clay	Liquid limit Test	IS 2720 PART 5
39	MECHANICAL- SOIL AND ROCK	SOIL AND CLAY	PLASTIC LIMIT TEST	IS 2720 PART 5
40	MECHANICAL- SOIL AND ROCK	SOIL AND CLAY	SPECIFIC GRAVITY TEST OF SOIL	IS 2720 PART 3 Sec I
41	MECHANICAL- SOIL AND ROCK	SOIL AND CLAY	Triaxial Test (Cohesion)	IS 2720 PART 11
42	MECHANICAL- SOIL AND ROCK	SOIL AND CLAY	TRIAXIAL TEST (Angle of friction)	IS 2720 PART 11
43	MECHANICAL- SOIL AND ROCK	SOIL AND CLAY	WATER CONTENT OF SOIL	IS 2720 PART 2

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Earth	Earth Resistance Test	IS 3043
2	MECHANICAL- SOIL AND ROCK	SOIL AND CLAY	FDD by Core Cutter Method	IS 2720 PART 29
3	MECHANICAL- SOIL AND ROCK	soil and clay	FDD by Sand Replacement Method	IS 2720 PART 28