National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHREE RAM CONSULTANCY AND TESTING RESEARCH LABORATORY, KOTHI ROAD, TEHSIL RAGHURAJ NAGAR, SATNA, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11176 **Page No** 1 of 3

Validity 19/11/2022 to 18/11/2024 **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	Bricks	Dimension (Height)	IS 13757
2	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 13757
3	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 13757
4	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly Ash Bricks	Compressive Strength	IS 3495 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly Ash Bricks	Efflorescence	IS 3495 (Part 3)
6	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Fly Ash Bricks	Water Absorption	IS 3495 (Part 2)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material Finer than 75 micron	IS 2386 (Part 1)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 Percent Fines Value	IS 2386 (Part 4)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve Size: 4.75 mm to 63 mm)	IS 2386 (Part 1)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	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 Aggregate	Sieve Analysis (Sieve Size: 150 µ to 10 mm)	IS 2386 (Part 1)
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (Ordinary Portland Cement/ Portland Pozzolana Cement/ Portland Slag Cement)	Soundness Le-Chatelier Method	IS 4031 (Part 3)
23	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (Ordinary Portland Cement/ Portland Pozzolana Cement/ Portland Slag Cement)	Compressive Strength	IS 4031 (Part 6)
24	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (Ordinary Portland Cement/ Portland Pozzolana Cement/ Portland Slag Cement)	Consistency	IS 4031 (Part 4)
25	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (Ordinary Portland Cement/ Portland Pozzolana Cement/ Portland Slag Cement)	Final Setting Time	IS 4031 (Part 5)
26	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (Ordinary Portland Cement/ Portland Pozzolana Cement/ Portland Slag Cement)	Fineness by Dry Sieving	IS 4031 (Part 1)
27	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (Ordinary Portland Cement/ Portland Pozzolana Cement/ Portland Slag Cement)	Initial Setting Time	IS 4031 (Part 5)
28	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
29	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Length)	IS 15658
30	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Thickness)	IS 15658
31	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Width)	IS 15658
32	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
33	MECHANICAL- SOIL AND ROCK	Rock	Compressive Strength	IS 1121 (Part 1)
34	MECHANICAL- SOIL AND ROCK	Rock	Dry Density	IS 13030
35	MECHANICAL- SOIL AND ROCK	Rock	Scratch Hardness	IS 13630 (Part 13)
36	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 13)
37	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (C-Value)	IS 2720 (Part 13)

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38	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (ø Value)	IS 2720 (Part 13)
39	MECHANICAL- SOIL AND ROCK	Soil	Grain Size (Sieve Size: 100 mm to 0.075 mm)	IS 2720 (Part 4)
40	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Maximum Dry Density)	IS 2720 (Part 8)
41	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Optimum Moisture Content)	IS 2720 (Part 8)
42	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (Maximum Dry Density)	IS 2720 (Part 7)
43	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (Optimum Moisture Content)	IS 2720 (Part 7)
44	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
45	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
46	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 7)