National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RAGHUPATI ENGINEERING CONSULTANTS AND TEST HOUSE, 65, KANAK VRINDAVAN PRIME, BAJRI MANDI ROAD, VAISHALI NAGAR, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8834 **Page No** 1 of 3

Validity 19/05/2022 to 18/05/2024 **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 Mix	Bitumen Content	IRC:SP:112
2	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS: 3495 (Part-I)
3	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension Test	IS 1077
4	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water absorption	IS: 3495 (Part-II)
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	Fineness by Sieving (Dry)	IS: 4031 (Part-1)
8	MECHANICAL- BUILDINGS MATERIALS	Cement	Setting Time: Final Setting Time	IS: 4031 (Part-5)
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Setting Time: Initial Setting Time	IS: 4031 (Part-5)
10	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness (Le-Chatelier Method)	IS: 4031 (Part-3)
11	MECHANICAL- BUILDINGS MATERIALS	Cement Mortar	Compressive Strength Cement Mortar Cube	IS 2250
12	MECHANICAL- BUILDINGS MATERIALS	Coarse & Fine Aggregate	Material finer than 75-micron	IS:2386(P-1)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse/Ballast	Bulk Density	IS:2386 (Part-III)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse/Ballast	Crushing Value	IS:2386 (Part-IV)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse/Ballast	Elongation Index	IS : 2386 (Part-I)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse/Ballast	Flakiness Index	IS 2386(Part-I)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse/Ballast	Impact Value	IS:2386 (Part-IV)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse/Ballast	Sieve Analysis (Gradation)	IS:2386 (Part-I)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse/Ballast	Specific Gravity	IS:2386 (Part-III)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse/Ballast	Ten Percent Fines Value	IS:2386 (P-4)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse/Ballast	Water Absorption	IS:2386 (Part-III)
22	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength of Core	IS: 516-(P-4)
23	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength of Cube	IS 516
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS: 2386 (Part-III)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Gradation)	IS: 2386 (Part-I)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS: 2386 (Part-III)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS: 2386 (Part-III)
28	MECHANICAL- BUILDINGS MATERIALS	Industrial Bitumen/Paving Bitumen/Polymer Modified Bitumen	Marshal Stability	ASTM - D 6927
29	MECHANICAL- BUILDINGS MATERIALS	Industrial Bitumen/Paving Bitumen/Polymer Modified Bitumen	Penetration Test	IS : 1203
30	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS: 15658
31	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS: 15658
32	MECHANICAL- SOIL AND ROCK	Clays & Soil	Water Content	IS:2720 (P-2)
33	MECHANICAL- SOIL AND ROCK	Soil	Atterberg's Limit - Liquid Limit	IS: 2720 (Part-5)
34	MECHANICAL- SOIL AND ROCK	Soil	Atterberg's Limit - Plastic Limit	IS: 2720 (Part-5)
35	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (Soaked -CBR)	IS: 2720 (Part-16)
36	MECHANICAL- SOIL AND ROCK	Soil	Compaction Test (Proctor Compaction) for Heavy Compaction	IS: 2720 (Part-8)

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37	MECHANICAL- SOIL AND ROCK	Soil	Compactor Test (Proctor Compaction) for Light	IS: 2720 (Part-7)
38	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test	IS: 2720 (Part-13)
39	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS: 2720 (Part-40)
40	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis : Sieve Analysis	IS: 2720 (Part-4)
41	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis : Wet Sieving Analysis	IS: 2720 (Part-4)
42	MECHANICAL- SOIL AND ROCK	Soil	OMC Test (Proctor Compaction) for Heavy Compaction	IS: 2720 (Part 8)
43	MECHANICAL- SOIL AND ROCK	Soil	OMC Test (Proctor Compaction) for Light	IS: 2720 (Part-7)
44	MECHANICAL- SOIL AND ROCK	Soil	Permeability Test	IS: 2720 (Part-17)
45	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS: 2720 (Part-III)