National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RAJNANDINI ENTERPRISES AND CONSULTANCY(TESTING LAB), 286, ANIL BHATIYA AVASIYE PARISHAR, SATABDIPURAM, GWALIOR, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8935 **Page No** 1 of 4

Validity 17/07/2022 to 16/07/2024 **Last Amended on** 14/10/2022

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	AAC Block	Compressive Strength	IS 6441 (Part-5)
2	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Density	IS 6441 (Part-1)
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Bitumen content	IRC SP 11 Appendix A Clause C
4	MECHANICAL- BUILDINGS MATERIALS	Brick	Water Absorption	IS 3495 (PART-2)
5	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS:3495:(Part 1)
6	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive strength	IS 4031 (Part-6)
7	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031
8	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting time	IS 4031 (Part-5)
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial setting time	IS 4031 (Part-5)
10	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-chatelier Method	IS 4031 (Part-3)
11	MECHANICAL- BUILDINGS MATERIALS	Cement	Specific gravity of cement	IS 4031 (Part-11)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregaate	Bulk Density	IS 2386 (Part-3) CLAUSE 3.0
13	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	10% FINE VALUE	IS 2386(PART4)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion value by Los angeles machine	IS 2386 (Part-4)
15	MECHANICAL- BUILDINGS MATERIALS	coarse Aggregate	Flakiness index	IS:2386 part 1
16	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Impact Value	IS 2386 (Part 4)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Sieve Analysis	IS 2386 (Part 1)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific gravity	IS 2386 (Part-3) Clause 2.0

SCOPE OF ACCREDITATION

Laboratory Name : RAJNANDINI ENTERPRISES AND CONSULTANCY(TESTING LAB), 286, ANIL BHATIYA AVASIYE PARISHAR, SATABDIPURAM, GWALIOR, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8935 **Page No** 2 of 4

Validity 17/07/2022 to 16/07/2024 **Last Amended on** 14/10/2022

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
19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part-3) Clause 2.0
20	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube / Core	Compressive Strength	IS 516
21	MECHANICAL- BUILDINGS MATERIALS	Concrete paver block	Compressive Strength	IS 15658
22	MECHANICAL- BUILDINGS MATERIALS	Course aggregate	Crushing Value	IS 2386(Part4)
23	MECHANICAL- BUILDINGS MATERIALS	Course aggregate	Elongation index	IS:2386 part 1
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part-3) Clause 3.0
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material finer than 75 Micron	IS 2386 (Part-1) Clause 3.0
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (0.075 to 10 mm)	IS 2386 (Part-1) Clause 2
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific gravity	IS 2386 (Part-2) clause 2.0
28	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part-3) clause 3.0
29	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
30	MECHANICAL- BUILDINGS MATERIALS	Steel (TMT Bar)	Weight per meter	IS 1786
31	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Specific Gravity	IS 1124
32	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Water Absorption	IS 1124
33	MECHANICAL- SOIL AND ROCK	Rock	Point load strength index test	IS 8764
34	MECHANICAL- SOIL AND ROCK	Soil	C.B.R.	IS 2720 (Part-16)
35	MECHANICAL- SOIL AND ROCK	Soil	Direct shear test (Angel of friction)	IS 2720 (Part-13)
36	MECHANICAL- SOIL AND ROCK	Soil	Direct shear test (Cohesion C)	IS 2720 (Part-13)
37	MECHANICAL- SOIL AND ROCK	Soil	Field dry density	IS 2720 (Part-29)

SCOPE OF ACCREDITATION

Laboratory Name : RAJNANDINI ENTERPRISES AND CONSULTANCY(TESTING LAB), 286, ANIL BHATIYA AVASIYE PARISHAR, SATABDIPURAM, GWALIOR, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8935 **Page No** 3 of 4

Validity 17/07/2022 to 16/07/2024 **Last Amended on** 14/10/2022

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
38	MECHANICAL- SOIL AND ROCK	Soil	Free swell index	IS 2720 (Part-40)
39	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis	IS 2720(part 4)
40	MECHANICAL- SOIL AND ROCK	Soil	Heavy compaction (MDD)	IS 2720(part 8)
41	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720(part 8)
42	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720(part 7)
43	MECHANICAL- SOIL AND ROCK	Soil	Light compaction(OMC)	IS 2720(part 7)
44	MECHANICAL- SOIL AND ROCK	Soil	Liquid limit	IS 2720(part 5)
45	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720(part 5)
46	MECHANICAL- SOIL AND ROCK	Soil	Standaard penetration test	IS 2131
47	MECHANICAL- SOIL AND ROCK	Soil	Water content	IS 2720 (Part-2)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RAJNANDINI ENTERPRISES AND CONSULTANCY(TESTING LAB), 286, ANIL BHATIYA AVASIYE PARISHAR, SATABDIPURAM, GWALIOR, MADHYA PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8935	**Page No**	4 of 4
Validity	17/07/2022 to 16/07/2024	**Last Amended on**	14/10/2022

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
Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Field dry density	IS 2720 (Part-29)
2	MECHANICAL- SOIL AND ROCK	Soil	Standaard penetration test	IS 2131
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened concrete	Rebound hammer (NDT)	IS 516 part5/ section 4