National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RAI ASSOCIATES AND CONSTRUCTION (TESTING LAB), WARD NO 09, JAITHAMARI ROAD, ANUPPUR, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9181 **Page No** 1 of 2

Validity 04/01/2021 to 03/01/2023 **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	Coarse aggregate	Bulk Density	IS:2386 part 3
3	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Crushing Value	IS:2386 part 4
4	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Elongation Index	IS:2386 part 1
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS:2386 part 4
6	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Sieve analysis	IS 2720 PART 1
7	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516
8	MECHANICAL- BUILDINGS MATERIALS	Course aggregate	Flakiness index	IS 2386 part 1
9	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Sieve analysis	IS 2386 part 1
10	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS:2386 part 3
11	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Water absorption	IS:2386 part 3
12	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS:2386 part 3
13	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 PART 16
14	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 PART 40
15	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 PART 4
16	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 PART 8
17	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 PART 8
18	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 PART 7

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19	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 PART 7
20	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 PART 5
21	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 PART 2
22	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 PART 5
23	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 PART 5