



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name RAMKRISHNA TESTING LABORATORY & CONSULTANCY, LAKE ROAD, HARADHAN SANGHA, AGARTALA, TRIPURA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8614 Page No. : 1 / 2

Validity 14/08/2019 to 13/08/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	MECHANICAL-BUILDINGS MATERIALS	Bricks	Water absorption	IS 3495 Part 2: 1992 RA 2016	0.5 % to 25 %
2	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 Part 1: 1963 RA 2016	1 % to 50 %
3	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 Part 1: 1963 RA 2016	1 % to 50 %
4	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 Part 4: 1963 RA 2016	2 % to 50 %
5	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 Part 3: 1963 RA 2016	2.0 to 4.0
6	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 Part 3: 1963 RA 2016	0.1 % to 4.5 %
7	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Free Surface Moisture	IS 2386 Part 3: 1963 RA 2016	0.1 % to 10 %
8	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Gradation Fineness Modules	IS 2386 Part 1: 1963 RA: 2016	75 µm to 10 mm
9	MECHANICAL- SOIL AND ROCK	Soil	Field Dry Density by Core Cutter Method	IS 2720 Part 29: 1975 RA: 2015	1.5 g/cc to 2.8 g/cc
10	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Maximum Dry Density	IS 2720 Part 7: 1980 RA: 2016	1.4 g/cc to 2.2 g/cc



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11	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Optimum Moisture Content	IS 2720 Part 7: 1980 RA 2016	8 % to 70 %
12	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit by Casagrade Apparatus	IS 2720 Part 5: 1985 RA 2015	20 % to 100 %
13	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 Part 5: 1985 RA 2015	1 % to 80 %
14	MECHANICAL- SOIL AND ROCK	Soil	Water Content by Oven Drying Method	IS 2720 Part 2: 1973 RA 2015	0.1 % to 50 %