



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name PARIKSHAN LABORATORY, 1 AHILYA AASHRAM, UJJAIN ROAD, INDORE, MADHYA PRADESH, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-8536 Page No. : 1 / 3
Validity 13/06/2019 to 12/06/2021 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	Bituminous Mix	Binder Content	IRC SP 11 (Appendix 5, Clause C): 1984	0.5 % to 6.0 %
2	MECHANICAL-BUILDINGS MATERIALS	Building Bricks	Compressive Strength	IS 3495 (Part 1): 1992 RA: 2016	1.5 N/mm ² to 25 N/mm ²
3	MECHANICAL-BUILDINGS MATERIALS	Building Bricks	Water Absorption	IS 3495 (Part 2): 1992 RA: 2016	2 % to 25 %
4	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4, Clause 4): 1963 RA: 2016	1 % to 50 %
5	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 mm to 80 mm)	IS 2386 (Part 1, Clause 2): 1963 RA: 2016	0.1 % to 100 %
6	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3, Clause 2): 1963 RA: 2016	1.5 to 4.0
7	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3, Clause 2): 1963 RA: 2016	0.50 % to 10 %
8	MECHANICAL-BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516: 1959 RA: 2013	5 N/mm ² to 80 N/mm ²
9	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (0.075 mm to 10 mm)	IS 2386 (Part 1, Clause 2): 1963 RA: 2016	0.1 % to 100 %



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10	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3, Clause 2): 1963 RA: 2016	1.40 to 3.50
11	MECHANICAL-BUILDINGS MATERIALS	Precast Concrete Paving Block	Compressive Strength	IS 15658 (Annexure D): 2006 RA: 2017	5 N/mm ² to 70 N/mm ²
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforced Steel Bars & Wires	Elongation	IS 1608 (Part 1): 2018	5 % to 40 %
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Bars	Ultimate Tensile Strength	IS 1608 (Part 1): 2018	100 N/mm ² to 1500 N/mm ²
14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Bars	Weight per meter	IS 1608 (Part 1): 2018	0.1 kg to 8 kg
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Bars	Yield Strength	IS 1608 (Part 1): 2018	100 N/mm ² to 1200 N/mm ²
16	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16): 1987 RA: 2016	1 % to 30 %
17	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Maximum Dry Density	IS 2720 (Part 8): 1983 RA: 2015	1.40 g/cc to 2.50 g/cc
18	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Optimum Moisture Content	IS 2720 (Part 8): 1983 RA 2015	5 % to 40 %



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19	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit by Casagrande Method	IS 2720 (Part 5, Clause 3): 1985 RA: 2015	10 % to 90 %
20	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5): 1985 RA: 2015	0.1 % to 40 %