National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PARIKSHAN LABORATORY, 43, KRISHNA KUNJ COLONY, KHANDWA ROAD, INDORE, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8536 **Page No** 1 of 4

Validity 13/06/2022 to 12/06/2024 **Last Amended on** 25/08/2022

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	Bituminous Mix	Binder Content	IRC SP 11 (Appendix 5, Clause C)
2	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Compressive Strength	IS 3495 (Part 1)
3	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Water Absorption	IS 3495 (Part 2)
4	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4, Clause 4)
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 mm to 80 mm)	IS 2386 (Part 1, Clause 2)
6	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3, Clause 2)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3, Clause 2)
8	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516
9	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (0.075 mm to 10 mm)	IS 2386 (Part 1, Clause 2)
10	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3, Clause 2)
11	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption of Fine Aggregate	IS 2386 Part 3
12	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Compressive Strength	IS 15658 (Annexure D)
13	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Bars	% Elongation	IS 1608 (Part 1)
14	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Bars	Tensile Strength	IS 1608 (Part 1)
15	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Bars	Weight per meter	IS 1608 (Part 1)
16	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Bars	Yield Strength	IS 1608 (Part 1)
17	MECHANICAL- SOIL AND ROCK	Rock Core/Lumps	Specific Gravity	IS 1122

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18	MECHANICAL- SOIL AND ROCK	Rock Core/Lumps	Water Absorption	IS 1124
19	MECHANICAL- SOIL AND ROCK	Rock Cores	Porosity	IS 1124
20	MECHANICAL- SOIL AND ROCK	Rock Lumps/Core	Point Load Index Test	IS-8764
21	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
22	MECHANICAL- SOIL AND ROCK	Soil	Consolidation (Cc)	IS 2720 Part 15
23	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Pc)	IS 2720 Part 15
24	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of Internal Friction)	IS 2720 Part 13
25	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion)	IS 2720 Part 13
26	MECHANICAL- SOIL AND ROCK	Soil	Free Swelling Index	IS 2720 Part 40
27	MECHANICAL- SOIL AND ROCK	Soil	Grain Size analysis by Wet Sieving	IS 2720 Part 4
28	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis Hydrometer Test (clay)	IS 2720 Part 4
29	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis of Soil by Hydrometer (Silt)	IS 2720 Part 4
30	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Maximum Dry Density	IS 2720 (Part 8)
31	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Optimum Moisture Content	IS 2720 (Part 8)
32	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit by Casagrande Method	IS 2720 (Part 5, Clause 3)
33	MECHANICAL- SOIL AND ROCK	Soil	Natural Moisture Content	IS 2720 Part 2
34	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
35	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity of Soil	IS 2720 Part 3
36	MECHANICAL- SOIL AND ROCK	Soil	Tri axial Test (Angle of Internal Friction)	IS 2720 Part 11

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37	MECHANICAL- SOIL AND ROCK	Soil	Tri axial Test (Cohesion)	IS 2720 Part 11

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Lateral Load	IS 2911 Part 4
2	MECHANICAL- SOIL AND ROCK	Soil	Modulus of Subgrade Reaction	IS 9214
3	MECHANICAL- SOIL AND ROCK	Soil	Plate Load Test	IS 1888
4	MECHANICAL- SOIL AND ROCK	Soil	Pull Out Test	IS 2911 Part 4
5	MECHANICAL- SOIL AND ROCK	Soil	Vertical Pile Load	IS 2911 Part 4
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer Test	IS 516 Part 5 section 4
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Ultrasonic Pulse Velocity Test	IS 516 Part 5 section 1