



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	RELIANT FOUNDATIONS PRIVATE LIMITED, SUNPOLO COLONY, DIPAR BORO PATH, GUWAHATI, KAMRUP METRO, ASSAM, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
<b>Certificate Number</b>	TC-13005	<b>Page No</b>	1 of 2
<b>Validity</b>	02/02/2024 to 01/02/2026	<b>Last Amended on</b>	-

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	Coarse aggregate	Sieve Analysis (80mm, 63mm, 50mm, 40mm, 31.5mm, 25mm, 20mm, 16mm, 12.5mm, 10mm, 6.3mm, 4.75mm, 3.35mm, 2.36mm, 1.18mm, 600micron, 300micron, 150micron, 75micron)	IS 2386
2	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Impact	IS 2386 (Part 4, Clause 4)
3	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 (Part 3, Clause 3)
4	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1, Clause 5)
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1, Clause 4)
6	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part 3, Clause 2)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part 3, Clause 2)
8	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 Part 4
9	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516 (Clause 5)
10	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Sieve Analysis (4.75mm, 3.35mm, 2.36mm, 1.18mm, 600micron, 300micron, 150micron, 75micron)	IS 2386
11	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3, Clause 2.4.2)
12	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS 2386 (Part 3, Clause 3)
13	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3, Clause 2.4.2)
14	MECHANICAL- BUILDINGS MATERIALS	PPC (Portland Pozzolana Cement)	Compressive strength	IS 4031 part 6
15	MECHANICAL- BUILDINGS MATERIALS	PPC (Portland Pozzolana Cement)	Consistency Test	IS 4031 part 4



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16	MECHANICAL- BUILDINGS MATERIALS	PPC (Portland Pozzolana Cement)	Setting time - Final	4031 part 5
17	MECHANICAL- BUILDINGS MATERIALS	PPC (Portland Pozzolana Cement)	Setting time initial	4031 part 5
18	MECHANICAL- BUILDINGS MATERIALS	TMT Steel Bars and wires	Yield stress	IS 1608 Part 1
19	MECHANICAL- BUILDINGS MATERIALS	TMT/ Steel Bars and Wires	UTS Test (Ultimate Tensile Strength)	IS 1608 Part 1
20	MECHANICAL- BUILDINGS MATERIALS	TMT/Steel Bars and Wires	Elongation	IS 1608 Part1
21	MECHANICAL- BUILDINGS MATERIALS	TMT/Steel Bars and Wires	Mass per meter	IS 1786