National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RLB CONSULTANTS (QUALITY CONTROL LABORATORY), MALLIKASHPUR, UNIT-16, PO. MOTIGANJ, BALASORE, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10554 **Page No** 1 of 3

Validity 26/04/2022 to 25/04/2024 **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
2	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS 1077
3	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 1077
4	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 1077
5	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water absorption	IS 3495 (Part 2)
6	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact value	IS 2386 (Part 4), Clause 1.1 c
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4), Clause 1.1 a
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1), Clause 1.1 d
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1), Clause 1.1 c
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angles Abrasion value	IS 2386 (Part 4)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Moisture Content	IS 2386 (Part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis Sieve Analysis (2.36 mm, 4.75 mm, 10.0 mm, 12.5 mm, 16.0 mm, 20.0 mm, 40.0 mm, 63.0 mm, 80.0 mm)	IS 2386 (Part 1), Clause 1.1 a
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific gravity	IS 2386 (Part 3), Clause 1.1 a
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water absorption	IS 2386 (Part 3), Clause 1.1 a
16	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compaction factor test	IS 1199
17	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive strength	IS 516

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18	MECHANICAL- BUILDINGS MATERIALS	Concrete	Slump test	IS 1199
19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3), Clause 1.1 b
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Moisture Content	IS 2386 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (150 µ, 300 µ, 600 µ, 1.18 mm, 2.36 mm, 4.75 mm)	IS 2386 (Part 1), Clause 1.1 a
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3), Clause 1.1 a
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water absorption	IS 2386 (Part 3)
24	MECHANICAL- SOIL AND ROCK	Soil	Direct shear test (UU)	IS 2720 (Part 13)
25	MECHANICAL- SOIL AND ROCK	Soil	Free Swell index	IS 2720 (Part 40)
26	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction-MDD	IS 2720 (Part 8)
27	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction-OMC	IS 2720 (Part 8)
28	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction OMC	IS 2720 (Part 7)
29	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction-MDD	IS 2720 (Part 7)
30	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit (Casagrande Method)	IS 2720 (Part 5)
31	MECHANICAL- SOIL AND ROCK	Soil	Moisture content	IS 2720 (Part 2)
32	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Distribution (Dry Sieve)	IS 2720 (Part 4)
33	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Distribution (Wet Sieve)	IS 2720 (Part 4)
34	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
35	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)

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36	MECHANICAL- SOIL AND ROCK	Soil	Specific gravity	IS 2720 (Part 3 - Sect.1 & 2)
37	MECHANICAL- SOIL AND ROCK	Soil	Tri -axial shear test (UU)	IS 2720 (Part 11)