



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**SAMBALPUR INFRASTRUCTURE SOLUTION CENTRE
PVT. LTD.**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

TUMBESINGHA, PILAKANDEIPADA, SAMBALPUR, ODISHA, INDIA

in the field of

TESTING

Certificate Number: TC-10430

Issue Date: 17/03/2022

Valid Until:

16/03/2024

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity: SAMBALPUR INFRASTRUCTURE SOLUTION CENTRE PRIVATE LIMITED

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SAMBALPUR INFRASTRUCTURE SOLUTION CENTRE PVT. LTD., TUMBESINGHA,
PILAKANDEIPADA, SAMBALPUR, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-10430

Page No

1 of 2

Validity

17/03/2022 to 16/03/2024

Last Amended on

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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	Burnt Clay Bricks/ Lime Bricks	Compressive Strength	IS 3495 (Part 1, Clause 4.1.3, 4.2.3)
2	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Lime Bricks	Dimensions	IS 1077 (Clause 6.1)
3	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/ Lime Bricks	Water Absorption	IS 3495 (Part 2, Clause 4.1.3)
4	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Abrasion Resistance Value	IS 2386 (Part 3, Clause 5.2.5)
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1, Clause 5.4)
6	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1, Clause 4.4)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (Part 4)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (Sieve Size Range: 4.75 mm to 80 mm)	IS 2386 (Part 1)
9	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 (Part 4, Clause 7.4.3)
10	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516 (Part 1, Section 1)
11	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulking of Aggregates	IS 2386 (Part 3, Clause 4.3)
12	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (Sieve Size Range: 150 µm to 10 mm)	IS 2386 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3, Clause 2.2.3)
14	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Height)	IS 15658 (Clause 6.1)
15	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Length)	IS 15658 (Clause 7.2)
16	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Width)	IS 15658 (Clause 7.2)
17	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 (Clause 3C)
18	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Compressive Strength	IS 5658 (Clause D 4.0)



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2 of 2

Validity

17/03/2022 to 16/03/2024

Last Amended on

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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
19	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio Test	IS 2720 (Part 16, Clause 5)
20	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (ϕ Value)	IS 2720 (Part 13, Clause 5)
21	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test Cohesion	IS 2720 (Part 13, Clause 5)
22	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40, Clause 3)
23	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Sieve Size Range: 75 μ m to 4.75 mm)	IS 2720 (Part 4, Clause 3)
24	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8, Clause 5)
25	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8, Clause 5)
26	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7, Clause 5)
27	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7, Clause 5)
28	MECHANICAL- SOIL AND ROCK	Soil	Liquid limit	IS 2720 (Part 5, Clause 3.4,4.4)
29	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2, Clause 5)
30	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5, Clause 7.3)
31	MECHANICAL- SOIL AND ROCK	Soil	Tri axial Test (ϕ Value)	IS 2720 (Part 11, Clause 5.1)
32	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test (C Value)	IS 2720 (Part 11, Clause 5.1)