



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**TESTNCAL LABORATORY (TESTING AND CALIBRATION
INDIA OPC 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

ANGREJI DHALA, NH-31, BEGUSARAI, BIHAR, INDIA

in the field of

TESTING

Certificate Number: TC-9221

Issue Date: 18/01/2021

Valid Until:

17/01/2023

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 : Testing and Calibration India OPC 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 :

TESTNCAL LABORATORY (TESTING AND CALIBRATION INDIA OPC PVT LTD), ANGREJI
DHALA, NH-31, BEGUSARAI, BIHAR, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9221

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Validity

18/01/2021 to 17/01/2023

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	Bitumen & Bituminous	Binder content	ASTM D2172
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen & Bituminous	Softening Point (R & B)	IS 1205
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen & Bituminous	Specific Gravity	IS 1202:
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen & Bituminous	Standard Penetration at 25 °C (Div. 0.1 mm)	IS 1203
5	MECHANICAL- BUILDINGS MATERIALS	Bricks (Brunt Clay, Flyash Brick, Flyash Lime Brick)	Compressive Strength	IS 3495 (Part 1)
6	MECHANICAL- BUILDINGS MATERIALS	Bricks (Brunt Clay, Flyash Brick, Flyash Lime Brick)	Dimension: Height	IS 12894
7	MECHANICAL- BUILDINGS MATERIALS	Bricks (Brunt Clay, Flyash Brick, Flyash Lime Brick)	Dimension: Length	IS 12894: 2002
8	MECHANICAL- BUILDINGS MATERIALS	Bricks (Brunt Clay, Flyash Brick, Flyash Lime Brick)	Dimension: Width	IS 12894
9	MECHANICAL- BUILDINGS MATERIALS	Bricks (Brunt Clay, Flyash Brick, Flyash Lime Brick)	Water Absorption	IS 3495 (Part 2)
10	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Compressive Strength	IS 4031 (Part 6)
11	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Final Setting Time	IS 4031 (Part 5)
12	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness	IS 4031 (Part 2)
13	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Initial Setting Time	IS 4031 (Part 5)
14	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Soundness by Le-chatelier's Expansion Method	IS 4031 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Standard Consistency	IS 4031 (Part 4)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 (Part 3)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	10 % Fines Value	IS 2386 (Part 16)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (Part 4)



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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (2.36 mm to 63 mm)	IS 2386 (Part 1)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part-3)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water absorption	IS 2386 (Part-3)
25	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516: 1959 RA
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS 2386 (Part 3)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulking of Sand	IS 2386 (Part 3)
28	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Moisture Content	IS 2386 (Part 3)
29	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (150 micron to 10 mm)	IS 2386 (Part 1)
30	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part-3)
31	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water absorption	IS 2386 (Part-3)
32	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	S : 15658 Annexure D
33	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension : Length, Thickness, Width	IS : 15658 Annexure E
34	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS: 15658, Amd. 2
35	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Concrete/AAC Blocks	Block Density	IS 2185 (Part 1/2)
36	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Concrete/AAC Blocks	Compressive strength	IS 2185 (Part 1) & (Part 2)
37	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Concrete/AAC Blocks	Dimensions:Length, Width, Height	IS 2185 (Part 1/2)



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38	MECHANICAL- BUILDINGS MATERIALS	Solid & Hollow Concrete/AAC Blocks	Moisture Content	IS 2185 (Part 1/2)
39	MECHANICAL- BUILDINGS MATERIALS	Tiles	Water Absorption	IS 1237
40	MECHANICAL- SOIL AND ROCK	Soil	California Bearing ratio	IS 2720 (Part -16)
41	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
42	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (Part-4)
43	MECHANICAL- SOIL AND ROCK	Soil	Heavy compaction (MDD)	IS 2720 (Part-8)
44	MECHANICAL- SOIL AND ROCK	Soil	Heavy compaction (OMC)	IS 2720 (Part-8)
45	MECHANICAL- SOIL AND ROCK	Soil	Light compaction (MDD)	IS 2720 (Part-7)
46	MECHANICAL- SOIL AND ROCK	Soil	Light compaction (OMC)	IS 2720 (Part-7):
47	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part-5)
48	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part-5)
49	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part-6)
50	MECHANICAL- SOIL AND ROCK	Stone (Granite, Kota Lime, Marble)	Compressive strength	IS 1121 Part 1
51	MECHANICAL- SOIL AND ROCK	Stone (Granite, Kota Lime, Marble)	Specific Gravity	IS 1122
52	MECHANICAL- SOIL AND ROCK	Stone (Granite, Kota Lime, Marble)	Water Absorption	IS 1124