



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**BHUMI RESEARCH CENTER (CIVIL ENGINEERING
TESTING LABORATORY)**

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

PLOT NO. 164, VIBRANT BUSINESS PARK, PHASE 1, GIDC, VALSAD, GUJARAT, INDIA

in the field of

TESTING

Certificate Number: TC-5521

Issue Date: 24/04/2019

Valid Until:

23/04/2021*

*The validity is extended for one year up to 23.04.2022

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)

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 :

BHUMI RESEARCH CENTER (CIVIL ENGINEERING TESTING LABORATORY), PLOT NO. 164,
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Accreditation Standard

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24/04/2019 to 23/04/2021*

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	Bricks	Compressive Strength	IS 3495 (Part 1)
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	Efflorescence	IS 3495 (Part 3)
6	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)
7	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
8	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
10	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blaine Air Permeability	IS 4031 (Part 2)
11	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
12	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatelier	IS 4031 (Part 03)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 (Part 4)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)



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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 (Part 1)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Concrete	Slump Cone Test	IS 1199
23	MECHANICAL- BUILDINGS MATERIALS	Core	Compressive Strength	IS 516
24	MECHANICAL- BUILDINGS MATERIALS	Cube	Compressive Strength	IS 516
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Finer than 75 micron	IS 2386 (Part 1)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (Part 1)
28	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
29	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
30	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658 (Annex D)
31	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Cross Sectional Area	IS 15658 (Annex C)
32	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 (Annex C)
33	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Bars	Bend Test	IS 1599
34	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Bars	Elongation	IS 1608 (Part 01)
35	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Bars	Rebend Test	IS 1786
36	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Bars	Ultimate Tensile Strength	IS 1608 (Part 01)



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37	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Bars	Weight/meter	IS 1786
38	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Bars	Yield Stress	IS 1608 (Part 01)
39	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
40	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (C)	IS 2720 (Part 13)
41	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (\emptyset)	IS 2720 (Part 13)
42	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
43	MECHANICAL- SOIL AND ROCK	Soil	Grain Size	IS 2720 (Part 4)
44	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8)
45	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8)
46	MECHANICAL- SOIL AND ROCK	Soil	Hydrometer Analysis	IS 2720 (Part 4)
47	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
48	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
49	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
50	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
51	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (part 5)
52	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
53	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3)
54	MECHANICAL- SOIL AND ROCK	Soil	Swell Pressure	IS 2720 (Part 41)



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55	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (UU) (without pore pressure) - C	IS 2720 (Part 11)
56	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (UU) (without pore pressure) - \emptyset	IS 2720 (Part 11)
57	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compression (without pore pressure)	IS 2720 (Part 10)