



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

KARNATAKA TEST HOUSE 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

778/44, GOKUL 1ST STAGE, 2ND PHASE, 8TH CROSS, TRIVENI ROAD, YESHWANTHPUR, BENGALURU,
KARNATAKA, INDIA

in the field of

TESTING

Certificate Number: TC-6011

Issue Date: 12/07/2019

Valid Until:

11/07/2021*

*The validity is extended for one year up to 11.07.2022

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)

Name of Legal Identity : KARNATAKA TEST HOUSE PVT. LTD.

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 :

KARNATAKA TEST HOUSE PVT. LTD., 778/44, GOKUL 1ST STAGE, 2ND PHASE, 8TH CROSS, TRIVENI ROAD, YESHWANTHPUR, BENGALURU, KARNATAKA, INDIA

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Validity

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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 (Load 10kN to 600 kN)	IS 3495 (Part 2)
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 1)
7	MECHANICAL- BUILDINGS MATERIALS	Cement	Autoclave Method(Soundness)	IS 4031 (Part 3)
8	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength (Load 10kN to 400 kN)	IS 4031 (Part 6)
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
10	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
11	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness(Blaine's Method)	IS 4031 (Part 2)
12	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	Is 4031 (Part 5)
13	MECHANICAL- BUILDINGS MATERIALS	Cement	Le-Chatlier Method(Soundness)	IS 4031 (Part 3)
14	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Bulk Density	IS 13630 (Part 2)
15	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Crazing Test	Is 13630 (Part 9)
16	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Modulus of Rupture	IS 13630 (Part 6)
17	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 (Part 2)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% fines Value	IS 2386 (Part 4)



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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Abrasion Value	IS 2386 (Part 4)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Crushing Value	IS 2386 (Part 4)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS 2386 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose & Rodded)	IS 2386 (Part 3)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 (Part 1)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
28	MECHANICAL- BUILDINGS MATERIALS	Concrete BLOCKS(Hollow/Solid)	Block Density	IS 2185 (Part 1)
29	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks(Hollow/Solid)	Compressive Strength (Load: 10 kN to 1500 kN)	IS 2185 (Part 1)
30	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks(Hollow/Solid)	Water Absorption	IS 2185 (Part 1)
31	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube / Core	Compressive Strength	IS 516
32	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density(Loose & Rodded)	IS 2386 (Part 3)
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking	IS 2386 (Part 3)
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Particle Finer than 75 Micron	IS 2386 (Part 1)
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (Part 1)
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)



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37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
38	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Bend	IS 1599
39	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Elongation	IS 1608
40	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Rebend Test	IS 1786
41	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Tensile Strength (20 kN to 800 kN)	IS 1786
42	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed steel bars and Wires for concrete Reinforcement	weight/Meter	Is 1786
43	MECHANICAL- BUILDINGS MATERIALS	High strength deformed Steel bars and Wires for Concrete Reinforcement	Yield Stress (Load 10 kN to 500 kN)	IS 1786
44	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	water Absorption	IS 15658
45	MECHANICAL- BUILDINGS MATERIALS	Pavers Blocks	Compressive strength (Load: 20kN to 2000kN)	IS 15658
46	MECHANICAL- BUILDINGS MATERIALS	Tar and Bituminous Materials	Ductility	IS 1208
47	MECHANICAL- BUILDINGS MATERIALS	Tar and Bituminous Materials	Penetration	IS 1203
48	MECHANICAL- BUILDINGS MATERIALS	Tar and Bituminous Materials	Stripping Value	IS 6241
49	MECHANICAL- SOIL AND ROCK	Rock	Point Load index	IS 8764
50	MECHANICAL- SOIL AND ROCK	Rock	Uniaxial Compressive Strength	IS 9143
51	MECHANICAL- SOIL AND ROCK	Soil	CBR	IS 2720 (Part 16)
52	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (CC)	IS 2720 (Part 15)
53	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test	IS 2720 (Part 13)
54	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test	IS 2720 (Part 13)



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55	MECHANICAL- SOIL AND ROCK	Soil	Field Density (By Sand Replacement Method)	IS 2720 (Part 28)
56	MECHANICAL- SOIL AND ROCK	Soil	Field Density(By Core Cutter Method)	IS 2720 (Part 29)
57	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
58	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction(MDD)	IS 2720 (Part 8)
59	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction(OMC)	IS 2720 (Part 8)
60	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction(MDD)	IS 2720 (Part 7)
61	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction(OMC)	IS 2720 (Part 7)
62	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
63	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
64	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Analysis by Hydrometer Method	IS 2720 (Part 4)
65	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Analysis by Wet sieving	IS 2720 (Part 4)
66	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
67	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3) Sec 1 & 2
68	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear with pore pressure (CU)	IS 2720 (Part 12)
69	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear with Pore Pressure (CU) (C)	IS 2720 (Part 12)
70	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Without Pore pressure (UU) (C)	IS 2720 (Part 11)
71	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear without Pore Pressure(UU)	IS 2720 (Part 11)
72	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)



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73	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Reinforced Concrete Structures	Cover Meter Test	BS 1881 (Part 204)
74	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Reinforced Concrete Structures	Rebound Hammer Test	IS 13311 (Part II)
75	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Reinforced Concrete Structures	Ultrasonic Pulse Velocity Tests	IS 516 Part 5 Section 1
76	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials- Reinforced Concrete Structures	Carbonation Test	BS EN 14630
77	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials- Reinforced Concrete Structures	Half - Cell Potential Test	ASTM C 876