National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : KARNATAKA MATERIAL TEST HOUSE PVT LTD, NO. 8(10/3), 4TH CROSS, BASAVESWARA LAYOUT, NAGASHATTAHALLI, RMV 2ND STAGE, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6050 **Page No** 1 of 1

Validity 16/11/2022 to 15/11/2024 **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 Part 1
2	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 Part 2
3	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Values	IS 2386 Part 4
4	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 Part 1
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 Part 1
6	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (Sieve Sizes: 80mm, 63mm, 40mm, 20mm, 16mm, 12.5mm, 10mm, 4.75mm, 2.36mm)	IS 2386 Part 1
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 Part 3
8	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516
9	MECHANICAL- BUILDINGS MATERIALS	Concrete Cubes	Compressive Strength	IS 516
10	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material Finer than 75 Micron	IS 2386 Part 1
11	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (Sieve Sizes: 4.75mm, 2.36mm, 1.18mm, 600micron, 300micron, 150micron, 75micron)	IS 2386 Part 1
12	MECHANICAL- SOIL AND ROCK	Clays & Soils	Triaxial Shear Strength Cohesion	IS 2720 Part 11
13	MECHANICAL- SOIL AND ROCK	Clays & Soils	Triaxial Shear Strength Angle of internal Friction	IS 2720 Part 11
14	MECHANICAL- SOIL AND ROCK	Soils	California Bearing Ratio	IS 2720 Part 16
15	MECHANICAL- SOIL AND ROCK	Soils	Free Swell Index	IS 2720 Part 41
16	MECHANICAL- SOIL AND ROCK	Soils	Moisture Content	IS 2720 Part 2