National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : UNITY TEST HOUSE, A4, MADHURAM PARK, MALHAR ROAD, NANDELAV, BHARUCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11057 **Page No** 1 of 2

Validity 13/10/2022 to 12/10/2024 **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	Burnt Clay Bricks / Fly Ash Bricks	Compressive Strength	IS 3495 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks / Fly Ash Bricks	Efflorescence	IS 3495 (Part 3)
3	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks / Fly Ash Bricks	Water Absorption	IS 3495 (Part 2)
4	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (Height)	IS 1077
5	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (Length)	IS 1077
6	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (Width)	IS 1077
7	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Compressive Strength	IS 4031 (Part 6)
8	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Consistency	IS 4031 (Part 4)
9	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Final Setting Time	IS 4031 (Part 5)
10	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Fineness By Dry Sieving	IS 4031 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC)	Initial Setting Time	IS 4031 (Part 5)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 (Part 4)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve Size 37.50 mm to 4.75 mm)	IS 2386 (Part 1)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516 (Part 1/Section 1)
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Sieve Size 10.0 mm to 150 µm)	IS 2386 (Part 1)
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
26	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
27	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
28	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
29	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
30	MECHANICAL- SOIL AND ROCK	Soil	Modified Proctor Test (Heavy Compaction) (MDD)	IS 2720 (Part 8)
31	MECHANICAL- SOIL AND ROCK	Soil	Modified Proctor Test (Heavy Compaction) (OMC)	IS 2720 (Part 8)
32	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
33	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis (75 µm and 4.75 mm)	IS 2720 (Part 4)
34	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3)
35	MECHANICAL- SOIL AND ROCK	Soil	Standard Proctor Test (Light Compaction) (MDD)	IS 2720 (Part 7)
36	MECHANICAL- SOIL AND ROCK	Soil	Standard Proctor Test (Light Compaction) (OMC)	IS 2720 (Part 7)