National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BUILTWELL SOLUTIONS (TESTING LABORATORY), 53-A, SECTOR H, GOVINDPURA INDUSTRIAL AREA, BHOPAL, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9521 **Page No** 1 of 3

Validity 12/05/2021 to 11/05/2023 **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	Coarse Aggregates	Aggregate Impact Value	IS 2386 (Part 4)
2	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Compressive Strength	IS:6441P-5
3	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3495 (Part-1)
4	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension Test (Length)	IS 1077
5	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Efflorescence	IS 3495 (Part-3)
6	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Water absorption	IS 3495 (Part-2)
7	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension Test (Height)	IS 1077
8	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension Test (Width)	IS 1077
9	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, PSC)	Compressive Strength	IS 4031 (Part-6)
10	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, PSC)	Consistency	IS 4031 (Part-4)
11	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, PSC)	Final Setting Time	IS 4031 (Part-5)
12	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, PSC)	Initial Setting Time	IS 4031 (Part-5)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Crushing Value	IS 2386 (Part 4)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Los Angeles Abrasion Value	IS 2386 (Part 4)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (4.75mm to 63mm)	IS 2386 (Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part 3)

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19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS 2386 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (75µm to 4.75mm)	IS 2386
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
23	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199
24	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516
25	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
26	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water absorption	IS 15658
27	MECHANICAL- BUILDINGS MATERIALS	Steel bar for concrete Reinforcement	Elongation	IS:1608
28	MECHANICAL- BUILDINGS MATERIALS	Steel bar for concrete Reinforcement	Ultimate Tensile Strength	IS:1608
29	MECHANICAL- BUILDINGS MATERIALS	Steel bar for concrete Reinforcement	Yield Stress	IS:1608
30	MECHANICAL- SOIL AND ROCK	Soils	California Bearing Ratio (CBR Value)	IS:2720 (P16)
31	MECHANICAL- SOIL AND ROCK	Soils	Heavy Compaction -MDD	IS: 2720 (P-8)
32	MECHANICAL- SOIL AND ROCK	Soils	Heavy Compaction -OMC	IS: 2720 (P-8)
33	MECHANICAL- SOIL AND ROCK	Soils	Light Compaction - MDD	IS: 2720 (Part-7)
34	MECHANICAL- SOIL AND ROCK	Soils	Light Compaction - OMC	IS: 2720 (Part7)
35	MECHANICAL- SOIL AND ROCK	Soils	Free Swell Index	IS 2720 (Part 40)
36	MECHANICAL- SOIL AND ROCK	Soils	Grain Size Analysis (Dry)	IS 2720 (Part 4)
37	MECHANICAL- SOIL AND ROCK	Soils	Liquid Limit	IS: 2720 (P-5)

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38	MECHANICAL- SOIL AND ROCK	Soils	Moisture Content	IS 2720 (Part 2)
39	MECHANICAL- SOIL AND ROCK	Soils	Plastic Limit	IS: 2720 (Part 5)