# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** G.B.S. ENGINEER, BELAL MARKET, KHADRI SITAPUR ROAD, SECTOR C, MOHIBULLAHPUR, LUCKNOW, UTTAR PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-11120 **Page No** 1 of 2

**Validity** 05/11/2022 to 04/11/2024 **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 | 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 | Coarse Aggregates | Crushing Value | IS 2386 (Part 4) |
| 8 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregates | Elongation Index | IS 2386 (Part 1) |
| 9 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregates | Flakiness Index | IS 2386 (Part 1) |
| 10 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregates | Impact Value | IS 2386 (Part 4) |
| 11 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregates | Sieve Analysis (80 mm to 4.75 mm) | IS 2386 (Part 1) |
| 12 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregates | Specific Gravity | IS 2386 (Part 3) |
| 13 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregates | Water Absorption | IS 2386 (Part 3) |
| 14 | MECHANICAL- BUILDINGS MATERIALS | Concrete Cube | Compressive Strength of Hardened Concrete | IS 516 (Part 1/ Section 1) |
| 15 | MECHANICAL- BUILDINGS MATERIALS | Course Aggregates | Bulk Density | IS 2386 (Part 3) |
| 16 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregates | Bulk Density | IS 2386 (Part 3) |
| 17 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregates | Material Finer than 75 µm | IS 2386 (Part 1) |
| 18 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregates | Sieve Analysis (10 mm to 150 µm) | IS 2386 (Part 1) |

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|---|---|---|---|---|
| 19 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregates | Specific Gravity | IS 2386 (Part 3) |
| 20 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregates | Water Absorption | IS 2386 (Part 3) |
| 21 | MECHANICAL- BUILDINGS MATERIALS | Paver Block | Compressive Strength | IS 15658 |
| 22 | MECHANICAL- BUILDINGS MATERIALS | Paver Block | Water Absorption | IS 15658 |
| 23 | MECHANICAL- SOIL AND ROCK | Soil | Consolidation (Cc) | IS 2720 (Part 15) |
| 24 | MECHANICAL- SOIL AND ROCK | Soil | Direct Shear (Angle of Friction) | IS 2720 (Part 13) |
| 25 | MECHANICAL- SOIL AND ROCK | Soil | Direct Shear (Cohesion) | IS 2720 (Part 13) |
| 26 | MECHANICAL- SOIL AND ROCK | Soil | Free Swell Index | IS 2720 (Part 40) |
| 27 | MECHANICAL- SOIL AND ROCK | Soil | Liquid Limit | IS 2720 (Part 5) |
| 28 | MECHANICAL- SOIL AND ROCK | Soil | Plastic Limit | IS 2720 (Part 5) |
| 29 | MECHANICAL- SOIL AND ROCK | Soil | Sieve Analysis (4.75 mm to 75 µm) | IS 2720 (Part 4) |
| 30 | MECHANICAL- SOIL AND ROCK | Soil | Specific Gravity | IS 2720 (Part 3/ Section 1) |
| 31 | MECHANICAL- SOIL AND ROCK | Soil | Triaxial (UU) Angle of Friction | IS 2720 (Part 11) |
| 32 | MECHANICAL- SOIL AND ROCK | Soil | Triaxial (UU) Cohesion | IS 2720 (Part 11) |
| 33 | MECHANICAL- SOIL AND ROCK | Soil | Water Content | IS 2720 (Part 2) |