# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** DOLPHIN TESTING LAB, PLOT NO - 15, BHADLA JAV, HANSLAW KI PAL, MANDORE, JODHPUR, RAJASTHAN, INDIA

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

**Certificate Number** TC-9625 **Page No** 1 of 4

**Validity** 23/06/2021 to 22/06/2023 **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 | Brick | Dimension (Height) | IS 1077 |
| 2 | MECHANICAL- BUILDINGS MATERIALS | Brick | Dimension (Length) | IS 1077 |
| 3 | MECHANICAL- BUILDINGS MATERIALS | Brick | Dimension (Width) | IS 1077 |
| 4 | MECHANICAL- BUILDINGS MATERIALS | Brick | Efflorescence | IS 3495 (Part 3) |
| 5 | MECHANICAL- BUILDINGS MATERIALS | Cement (OPC/PPC) | Compressive Strength (28 days) | IS 4031 (Part-6) |
| 6 | MECHANICAL- BUILDINGS MATERIALS | Cement (OPC/PPC) | Compressive Strength (3 days) | IS 4031 (Part-6) |
| 7 | MECHANICAL- BUILDINGS MATERIALS | Cement (OPC/PPC) | Compressive Strength (7 days) | 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 Test (Dry Sieving) | IS 4031 (Part-1) |
| 11 | MECHANICAL- BUILDINGS MATERIALS | Cement (OPC/PPC) | Initial Setting Time | IS 4031 (Part-5) |
| 12 | MECHANICAL- BUILDINGS MATERIALS | Cement (OPC/PPC) | Soundness by Le-Chatelier Method | IS 4031(Part-3) |
| 13 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | 10 % Fines Value | IS 2386 (Part IV) |
| 14 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Bulk Density | IS 2386 (Part-3) |
| 15 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Crushing Value | IS 2386 (Part IV) |
| 16 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Elongation Index | IS 2386 (Part I) |
| 17 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Flakiness Index | IS 2386 (Part I) |
| 18 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Impact Value | IS 2386 (Part IV) |

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| 19 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Sieve Analysis (80 mm to 4.75 mm) | IS 2386 (Part I) |
| 20 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Specific Gravity | IS 2386 (Part III) |
| 21 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Water Absorption | IS 2386 (Part III) |
| 22 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregate | Bulk Density | IS 2386 (Part-3) |
| 23 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregate | Bulking | IS 2386 (Part III) |
| 24 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregate | Sieve Analysis (10 mm to 0.150 mm) | IS 2386 (Part I) |
| 25 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregate | Specific Gravity | IS 2386 (Part III) |
| 26 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregate | Water Absorption | IS 2386 (Part III) |
| 27 | MECHANICAL- BUILDINGS MATERIALS | Fresh concrete | Workability by Slump Test | IS 1199 |
| 28 | MECHANICAL- BUILDINGS MATERIALS | Hardened Concrete (Cube & Core) | Compressive Strength | IS 516 |
| 29 | MECHANICAL- SOIL AND ROCK | Building Stone | Compressive Strength (Saturated Condition 48 hrs. Oven Dry) | IS 1121 (Part-1) |
| 30 | MECHANICAL- SOIL AND ROCK | Building Stone | True Specific Gravity | IS 1122 |
| 31 | MECHANICAL- SOIL AND ROCK | Building Stone | Water Absorption | IS 1124 |
| 32 | MECHANICAL- SOIL AND ROCK | Rock | Bulk Density | IS 13030 |
| 33 | MECHANICAL- SOIL AND ROCK | Rock | Point Load Strength Index | IS 8764 |
| 34 | MECHANICAL- SOIL AND ROCK | Rock | Unconfined Compressive Strength | IS 9143 |
| 35 | MECHANICAL- SOIL AND ROCK | Rock | Water Content | IS 13030 |
| 36 | MECHANICAL- SOIL AND ROCK | Soil | C.B.R (California Bearing Ratio) | IS 2720 (Part-16) |

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| 37 | MECHANICAL- SOIL AND ROCK | Soil | Direct Shear Test (Angel of Friction) | IS 2720 (Part-13) |
| 38 | MECHANICAL- SOIL AND ROCK | Soil | Direct Shear Test (Cohesion) | IS 2720 (Part-13) |
| 39 | MECHANICAL- SOIL AND ROCK | Soil | Free Swell Index | IS 2720 (Part-40) |
| 40 | MECHANICAL- SOIL AND ROCK | Soil | Grain Size Analysis (Dry Sieving) | IS 2720 (Part-4) |
| 41 | MECHANICAL- SOIL AND ROCK | Soil | Grain Size Analysis (Wet Sieving) | IS 2720 (Part-4) |
| 42 | MECHANICAL- SOIL AND ROCK | Soil | Heavy Compaction (MDD) | IS 2720 (Part-8) |
| 43 | MECHANICAL- SOIL AND ROCK | Soil | Heavy Compaction (OMC) | IS 2720 (Part-8) |
| 44 | MECHANICAL- SOIL AND ROCK | Soil | Hydrometer | IS 2720 (Part-4) |
| 45 | MECHANICAL- SOIL AND ROCK | Soil | Light Compaction (MDD) | IS 2720 (Part-7) |
| 46 | MECHANICAL- SOIL AND ROCK | Soil | Light Compaction (OMC) | IS 2720 (Part-7) |
| 47 | MECHANICAL- SOIL AND ROCK | Soil | Liquid Limit | IS 2720 (Part-5) |
| 48 | MECHANICAL- SOIL AND ROCK | Soil | Plastic Limit | IS 2720 (Part-5) |
| 49 | MECHANICAL- SOIL AND ROCK | Soil | Specific Gravity | IS 2720 (Part-3) Section 2 |
| 50 | MECHANICAL- SOIL AND ROCK | Soil | Swelling Pressure | IS 2720 (Part-41) |
| 51 | MECHANICAL- SOIL AND ROCK | Soil | Tri-axial compression without the measurement of pore water pressure (Angle of Friction) | IS 2720 (Part-11) |
| 52 | MECHANICAL- SOIL AND ROCK | Soil | Tri-axial compression without the measurement of pore water pressure (Cohesion) | IS 2720 (Part-11) |
| 53 | MECHANICAL- SOIL AND ROCK | Soil | Unconfined Compressive Strength | IS 2720 (Part-10) |
| 54 | MECHANICAL- SOIL AND ROCK | Soil | Water Content | IS 2720 (Part-2) |

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| Site Facility | | | | |
| 1 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Reinforced Cement Concrete | Rebound Hammer Test (10 RN to 100 RN) | IS 516 (Part-5) Sec.-4 |
| 2 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Reinforced Cement Concrete | Pile Load test (Compression Load Test) | IS 2911 (Part-4) |
| 3 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Reinforced Cement Concrete | Pile Load test (Lateral Load Test) | IS 2911(Part-4) |
| 4 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Reinforced Cement Concrete | Pile Load test (Pull out Load Test) | IS 2911 (Part-4) |
| 5 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Reinforced Cement Concrete | Ultrasonic Pulse Velocity Test | IS 516 (Part-5) Sec.-1 |