# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** INTERCONTINENTAL CONSULTANTS AND TECHNOCRATS PVT. LTD. - LABORATORY, PLOT NO-62, SECTOR-20A, FARIDABAD, HARYANA, INDIA

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

**Certificate Number** TC-9683 **Page No** 1 of 2

**Validity** 19/07/2021 to 18/07/2023 **Last Amended on** 10/01/2023

| 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 | Cement (OPC, PPC) | Compressive Strength | IS 4031 (Part 6) |
| 2 | MECHANICAL- BUILDINGS MATERIALS | Cement (OPC, PPC) | Consistency | IS 4031 (Part 4) |
| 3 | MECHANICAL- BUILDINGS MATERIALS | Cement (OPC, PPC) | Density | IS 4031 (Part 11) |
| 4 | MECHANICAL- BUILDINGS MATERIALS | Cement (OPC, PPC) | Final Setting Time | IS 4031 (Part 5) |
| 5 | MECHANICAL- BUILDINGS MATERIALS | Cement (OPC, PPC) | Fineness by Blaine’s Air Permeability | IS 4031 (Part 2) |
| 6 | MECHANICAL- BUILDINGS MATERIALS | Cement (OPC, PPC) | Soundness (by Autoclave Expansion) | IS 4031 (Part 3) |
| 7 | MECHANICAL- BUILDINGS MATERIALS | Cement (OPC, PPC) | Soundness (by Le-Chatelier Expansion) | IS 4031 (Part 3) |
| 8 | MECHANICAL- BUILDINGS MATERIALS | Cement )OPC, PPC) | Initial Setting Time | IS 4031 (Part 5) |
| 9 | MECHANICAL- BUILDINGS MATERIALS | Cement Concrete | Compressive Strength of Cubes | IS 516 |
| 10 | MECHANICAL- BUILDINGS MATERIALS | Cement Concrete | Flexural Strength | IS 516 |
| 11 | MECHANICAL- BUILDINGS MATERIALS | Cement Concrete | Slump Test (For Fresh Cement Concrete) | IS 1199 |
| 12 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | 10% Fines Value | IS 2386 (Part 4) |
| 13 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Crushing Value | IS 2386 (Part 4) |
| 14 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Elongation Index | IS 2386 (Part 1) |
| 15 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Flakiness Index | IS 2386 (Part 1) |
| 16 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Impact Value | IS 2386 (Part 4) |
| 17 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Sieve Analysis (4.75 mm to 80 mm) | IS 2386 (Part 1) |
| 18 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Soundness by using Sodium Sulphate (Na2SO4) | IS 2386 (Part 5) |

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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 | Fine Aggregate | Sieve Analysis (0.075 mm to 4.75 mm) | IS 2386 (Part 1) |
| 22 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregate | Soundness by using Sodium Sulphate (Na2SO4) | IS 2386 (Part 5) |
| 23 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregate | Specific Gravity | IS 2386 (Part 3) |
| 24 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregate | Water Absorption | IS 2386 (Part 3) |
| 25 | MECHANICAL- SOIL AND ROCK | Soil | Atterberg Limits (Liquid Limit) | IS 2720 (Part 5) |
| 26 | MECHANICAL- SOIL AND ROCK | Soil | Atterberg Limits (Plastic Limit) | IS 2720 (Part 5) |
| 27 | MECHANICAL- SOIL AND ROCK | Soil | California Bearing Ratio | IS 2720 (Part 16) |
| 28 | MECHANICAL- SOIL AND ROCK | Soil | Grain Size Analysis (0.075 mm to 100 mm) | IS 2720 (Part 4) |
| 29 | MECHANICAL- SOIL AND ROCK | Soil | Water Content | IS 2720 (Part 2) |
| 30 | MECHANICAL- SOIL AND ROCK | Soil | Water Content- Dry Density relation using Heavy compaction (Maximum Dry Density) | IS 2720 (Part 8) |
| 31 | MECHANICAL- SOIL AND ROCK | Soil | Water Content-Dry Density relation using Heavy compaction (Optimum Moisture Content) | IS 2720 (Part 8) |