



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## WIMPEY LABORATORIES LLC

DUQM, 133  
SULTANATE OF OMAN

**Testing Laboratory TL-795**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date March 20, 2023



A handwritten signature in black ink, reading "Raj Nathan".

**President**

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

## WIMPEY LABORATORIES LLC

[www.wimpeylab.com](http://www.wimpeylab.com)

**Contact Name** Mohan Kumar

**Contact Phone** +971 50 4556494

*Accredited to ISO/IEC 17025:2017*

*Effective Date March 20, 2023*

| <b>Concrete</b>                |   |
|--------------------------------|---|
| AASHTO T277                    | Electrical indication of concrete's ability to resist chloride ion penetration  |
| BS 1881:122                    | Testing concrete – method for determination of water absorption   |
| BS 1881:208                    | Testing concrete – recommendations for the determination of the initial surface absorption of concrete  |
| BSEN: 12390:3                  | Testing hardened concrete - Compressive strength of test specimen   |
| BSEN: 12390:7                  | Testing hardened concrete - Density of hardened concrete  |
| DIN 1048 Part 5 / BSEN 12390-8 | Testing hardened concrete - depth of penetration of water under pressure  |
| <b>Soil</b>                    |   |
| ASTM D422                      | Standard test method for particle size analysis of soil   |
| ASTM D 1556                    | Standard Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method   |
| ASTM D 1557                    | Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort   |
| ASTM D1883                     | Standard test method for California Bearing Ratio of laboratory compacted soils   |
| ASTM D2216                     | Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass   |
| ASTM D2419                     | Standard test method for sand equivalent value of soils and fine aggregate  |
| ASTM D4318                     | Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils  |
| BS 1377 Part 2                 | Soils for civil engineering purposes - Classification tests: Determination of liquid limit, plastic limit & plasticity index and determination of particle density Cl. 4, 5 & 8 |
| BS 1377 Part 2                 | Soils for civil engineering purposes - Classification tests: Determination of particle size distribution (Wet & Dry) Cl. 9.2 & 9.3  |
| BS 1377 Part 4                 | Methods of test for soils for civil engineering purposes- compaction-related tests: (4.5 kg rammer for soils with particles upto medium-gravel size & coarse                    |

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|                          |   |
|--------------------------|---|
|                          | gravel-size particles and Determination of the California Bearing Ratio) Cl. 3.5, 3.6 & 7   |
| BS 1377 Part 9           | Sand Replacement method suitable for fine and medium grained soils - Determination of in-situ density Cl. 2.1 & 2.2                 |
| <b>Aggregate</b>         |   |
| ASTM C127                | Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate                           |
| ASTM C128                | Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate                             |
| ASTM C131/C131M          | Standard test method for resistance to degradation of small-size coarse aggregate by abrasion and impact in the Los Angeles machine |
| ASTM C136/C136M          | Standard test method for sieve analysis of fine and coarse aggregates   |
| BS 812-105.1 (withdrawn) | Testing aggregates - methods for determination of particle shape- Flakiness index   |
| BS 812-105.2 (withdrawn) | Testing aggregates - methods for determination of particle shape- elongation index of coarse aggregate                              |
| BS 812-110               | Testing aggregates - methods for determination of aggregate crushing value (ACV)  |
| BS 812-111               | Testing aggregates - method for determination of ten percent fines value (TFV)  |
| BS 812-112               | Testing aggregates-method for determination of aggregate impact value (AIV) (Wet & Dry) Cl. 7.1 & 7.2                               |
| BS 812-2                 | Testing of Aggregates - Methods of determination of density & Water absorption  |
| BS EN 933-1              | Test for geometrical properties of aggregates - Part 1: Determination of particle size distribution - sieving method                |
| <b>Asphalt</b>           |   |
| AASHTO T245              | Resistance to Plastic Flow of Bituminous Mixture using Marshall Apparatus   |
| ASTM D2041               | Standard Test Method for Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures                             |
| ASTM D2172               | Standard Test Methods for Quantitative Extraction of Bitumen from Bituminous Paving Mixtures  |