



INTERNATIONAL  
ACCREDITATION  
SERVICE®

# CERTIFICATE OF ACCREDITATION

*This is to attest*

## **FUGRO SUHAIMI CO LTD**

UMER BIN KHATTAB STREET, 12/23, HAI AL-NUZHA  
ABQAIQ, 1437/00250, SAUDI ARABIA

### **Testing Laboratory TL-1248**

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.

Expiry Date July 1, 2026  
Effective Date August 7, 2025



*International Accreditation Service*  
Issued under the authority of IAS management

Visit [www.iasonline.org](http://www.iasonline.org) for current accreditation information.

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

## FUGRO SUHAIMI CO LTD

**Contact Name** SMIJITH VS

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*Accredited to ISO/IEC 17025:2017*

*Effective Date August 7, 2025*

| <b>Aggregates</b> |                                                                                                                                     |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| ASTM C29/C29M     | Standard Test Method for Bulk Density ("Unit Weight") and Voids in Aggregate                                                        |
| ASTM C70          | Standard Test Method for Surface Moisture in Fine Aggregate                                                                         |
| ASTM C88/C88M     | Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate                                      |
| ASTM C117         | Standard Test Method for Materials Finer than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing                          |
| ASTM C127         | Standard Test Method for Relative Density (Specific Gravity) and Absorption of Coarse Aggregate                                     |
| ASTM C128         | Standard Test Method for 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                                                               |
| ASTM C142/C142M   | Standard Test Method for Clay Lumps and Friable Particles in Aggregates                                                             |
| ASTM C566         | Standard Test Method for Total Evaporable Moisture Content of Aggregate by Drying                                                   |
| ASTM C702         | Standard Practice for Reducing Samples of Aggregate to Testing Size                                                                 |
| ASTM D75/D75M     | Standard Practice for Sampling Aggregates                                                                                           |
| ASTM D2419        | Standard Test Method for Sand Equivalent Value of Soils and Fine Aggregate                                                          |
| ASTM D4791        | Standard Test Method for Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate                   |
| <b>Bituminous</b> |                                                                                                                                     |
| ASTM D5/D5M       | Standard Test Method for Penetration of Bituminous Materials                                                                        |
| ASTM D95          | Standard Practice for Sampling Bituminous Paving Mixtures                                                                           |
| ASTM D75/D75M     | Standard Practice for Sampling Aggregates                                                                                           |

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|                   |                                                                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| ASTM D2041/D2041M | Standard Test Method for Theoretical Maximum Specific Gravity and Density of Asphalt Mixtures                                                        |
| ASTM D2172/D2172M | Standard Test Methods for Quantitative Extraction of Asphalt Binder from Asphalt Mixtures                                                            |
| ASTM D2726/D2726M | Standard Test Method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Asphalt Mixtures                                              |
| ASTM D5444        | Standard Test Method for Mechanical Size Analysis of Extracted Aggregate                                                                             |
| ASTM D6307        | Standard Test Method for Asphalt Content of Asphalt Mixture by Ignition Method                                                                       |
| ASTM D6926        | Standard Practice for Preparation of Asphalt Mixture Specimens Using Marshall Apparatus                                                              |
| ASTM D6927        | Standard Test Method for Marshall Stability and Flow of Asphalt Mixtures                                                                             |
| <b>Concrete</b>   |                                                                                                                                                      |
| ACI 301           | Specifications For Structural Concrete – Section 8 - Monitoring temperature for Mass concrete                                                        |
| ASTM C31/C31M     | Standard Practice for Making and Curing Concrete Test Specimens in the Field                                                                         |
| ASTM C39/C39M     | Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens                                                                      |
| ASTM C42/C42M     | Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete                                                             |
| ASTM C138/C138M   | Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete                                                     |
| ASTM C143/C143M   | Standard Test Method for Slump of Hydraulic-Cement Concrete                                                                                          |
| ASTM C172/C172M   | Standard Practice for Sampling Freshly Mixed Concrete                                                                                                |
| ASTM C231/C231M   | Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method                                                                |
| ASTM C511         | Standard Specification for Mixing Rooms, Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the Testing of Hydraulic Cements and Concretes |
| ASTM C617/C617M   | Standard Practice for Capping Cylindrical Concrete Specimens                                                                                         |
| ASTM C805/C805M   | Standard Test Method for Rebound Number of Hardened Concrete                                                                                         |
| ASTM C1064/C1064M | Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete                                                                      |

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|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ASTM C1231/C1231M  | Standard Practice for Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders                                         |
| ASTM C1610/C1610M  | Standard Test Method for Static Segregation of Self-Consolidating Concrete Using Column Technique                                                          |
| ASTM C1611/C1611M  | Standard Test Method for Slump Flow of Self-Consolidating Concrete                                                                                         |
| ASTM C1621/C1621M  | Standard Test Method for Passing Ability of Self-Consolidating Concrete by J-Ring                                                                          |
| BS EN 12350-1:2009 | Testing Fresh concrete – Part 1: Sampling                                                                                                                  |
| BS EN 12350-2:2009 | Testing Fresh concrete – Part 2: Slump Test                                                                                                                |
| BS EN 12350-6:2009 | Testing Fresh concrete – Part 6: Density                                                                                                                   |
| BS EN 12350-7:2009 | Testing Fresh concrete – Part 7: Air Content - Pressure methods                                                                                            |
| BS EN 12390-2:2009 | Testing hardened concrete — Part 2: Making and curing specimens for strength tests                                                                         |
| BS EN 12390-3:2009 | Testing hardened concrete — Part 3: Compressive strength of test specimens                                                                                 |
| BS EN 12390-7:2009 | Testing hardened concrete — Part 7: Density of hardened concrete                                                                                           |
| <b>Masonry</b>     |                                                                                                                                                            |
| ASTM C780          | Standard Test Method for Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry                                      |
| <b>Soils</b>       |                                                                                                                                                            |
| ASTM D421          | Standard Practice for Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants                                       |
| ASTM D698          | Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/ft <sup>3</sup> (600 kN-m/m <sup>3</sup> ))   |
| ASTM D854          | Standard Test Methods for Specific Gravity of Soil Solids by Water Pycnometer                                                                              |
| ASTM D1140         | Standard Test Methods for Determining the Amount of Material Finer than 75- $\mu$ m (No. 200) Sieve in Soils by Washing                                    |
| ASTM D1556/D1556M  | Standard Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method                                                                      |
| ASTM D1557         | Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft <sup>3</sup> (2,700 kN-m/m <sup>3</sup> )) |
| ASTM D1883         | Standard Test Method for California Bearing Ratio (CBR) of Laboratory-Compacted Soils                                                                      |

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|                        |                                                                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ASTM D2216             | Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass                                                               |
| ASTM D2487             | Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)                                                           |
| ASTM D4253             | Standard Test Methods for Maximum Index Density and Unit Weight of Soils Using a Vibratory Table                                                                      |
| ASTM D4254             | Standard Test Methods for Minimum Index Density and Unit Weight of Soils and Calculation of Relative Density                                                          |
| ASTM D4318             | Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils                                                                                  |
| ASTM D1196/D1196M      | Standard Test Method for Nonrepetitive Static Plate Tests of Soils and Flexible Pavement Components for Use in Evaluation and Design of Airport and Highway Pavements |
| ASTM D6913/D6913M      | Standard Test Methods for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis                                                                        |
| ASTM D6938             | Standard Test Methods for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)                                            |
| ASTM D7928             | Standard Test Method for Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis                                   |
| <b>Non-destructive</b> |                                                                                                                                                                       |
| ASTM D6132             | Standard Test Method for Nondestructive Measurement of Dry Film Thickness of Applied Organic Coatings Using an Ultrasonic Gage                                        |

