



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest

FUGRO SUHAIMI CO LTD

DISTRICT FAYSALIYAH, EMARA AL YAMANI STREET, PO BOX 133622
JEDDAH, 21382, SAUDI ARABIA

Testing Laboratory TL-1301

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 September 1, 2026

Effective Date August 25, 2025



International Accreditation Service
Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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FUGRO SUHAIMI CO LTD

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Accredited to ISO/IEC 17025:2017

Effective Date August 25, 2025

Aggregates	
ASTM C29	Standard Test Method for Bulk Density ("Unit Weight") and Voids in Aggregate
ASTM C40	Standard Test Method for Organic Impurities in Fine Aggregates for Concrete
ASTM C70	Standard Test Method for Surface Moisture in Fine Aggregate
ASTM C88	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-um (No. 200) Sieve in Mineral Aggregates by Washing
ASTM C123/C123M	Standard Test Method for Lightweight Particles in Aggregate
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 C535	Standard Test Method for Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
ASTM C566	Standard Test Method for Total Evaporable Moisture Content of Aggregate by Drying
ASTM C702/C702M	Standard Test Method for Reducing Samples of Aggregate to Testing Size
ASTM D75/D75M	Standard Test Method for Practice for Sampling Aggregates
ASTM D4791	Standard Test Method for Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate
BS 812, Part 105.1	Determination of Particle Shape Flakiness Index
BS 812, Part 105.2 ¹	Determination of Particle Shape Elongation Index of Coarse Aggregate
BS 812, Part 106	Shell Content
Bituminous	



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ASTM D140/D140M (Sample Valve Method only)	Standard Test Method for Sampling Bituminous Materials
ASTM D546	Standard Test Method for Sieve Analysis of Mineral Filler for Asphalt Paving Mixtures
ASTM D979/D979M	Standard Practice for Sampling Asphalt Mixtures
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 D2489/D2489M	Standard Test Method for Estimating Degree of Particle Coating of Asphalt Mixtures
ASTM D2726/D2726M	Standard Test Methods for Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures
ASTM D2995	Standard Practice for Estimating Application Rate and Residual Application Rate of Bituminous Distributors
ASTM D3203/D3203M	Standard Test Method for Percent Air Voids in Compacted Asphalt Mixtures
ASTM D3549/D3549M	Standard Test Method for Thickness or Height of Compacted Bituminous Paving Mixture Specimens
ASTM D5361/D5361M	Standard Practice for Sampling Compacted Bituminous Mixtures for Laboratory Testing
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	Preparation of Bituminous Specimens Using Marshall Apparatus
ASTM D6927	Standard Test Method for Marshall Stability and Flow of Asphalt Mixtures
Concrete	
ACI-301 & 301M	In-Situ Temperature Monitoring of Concrete (Heat of Hydration Test)
ASTM C31/C31M ²	Standard Test Practice for Making and Curing Concrete Test Specimens in the Field
ASTM C39/C39M ²	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 C78/C78M	Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)
ASTM C138/C138M	Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete



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ASTM C140/C140M	Standard Test Method for Sampling and Testing Concrete Masonry Units and Related Units
ASTM C143/C143M	Standard Test Method for Slump of Hydraulic-Cement Concrete
ASTM C172/C172M	Standard Test Method for Sampling Freshly Mixed Concrete
ASTM C192/C192M ²	Standard Test Method for Making and Curing Concrete Test Specimens in the Laboratory
ASTM C231/C231M	Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
ASTM C293/C293M ¹	Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Center-Point Loading)
ASTM C403/C403M	Standard Test Method for Time of Setting of Concrete Mixtures by Penetration Resistance
ASTM C495/C495M	Standard Test Method for Compressive Strength of Lightweight Insulating Concrete
ASTM C496/C496M	Standard Test Method for Splitting Tensile Strength of Cylindrical Concrete Specimens
ASTM C511	Standard Test Method for Mixing Rooms, Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the Testing of Hydraulic Cements and Concretes
ASTM C597	Standard Test Method for Ultrasonic Pulse Velocity Through Concrete
ASTM C617/C617M	Standard Test Method for Capping Cylindrical Concrete Specimens
ASTM C642	Standard Test Method for Density, Absorption, and Voids in Hardened Concrete
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
ASTM C1231/C1231M ²	Standard Test Method 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
ASTMC1202/C1202M	Standard Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration (Chloride Permeability of Hardened Concrete)
ASTM F2659	Standard Guide for Preliminary Evaluation of Comparative Moisture Condition of Concrete, Gypsum Cement and Other Floor Slabs and Screeds Using a Non-Destructive Electronic Moisture Meter
ASTM F 2170	Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes
BS 1881, Part 122	Water Absorption of Concrete



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BS EN 12350	Testing Fresh Concrete Flow Table Test
BS EN 12350-1	Method of Sampling Fresh Concrete
BS EN 12350-2	Slump Test
BS EN 12350-6	Density of Fresh Concrete
BS EN 12350-7	Air Content of Concrete by pressure method
BS EN 12390-2	Making and curing cubes specimens for strength tests from fresh concrete
BS EN 12390-3	Determination of Compressive Strength of specimens cube
BS EN 12390-7	Determination of Density of Hardened Concrete
BS EN 12390-8 / DIN 1048	Water Permeability Test (Depth of penetration of water under pressure in hardened concrete)
Paint	
ASTM D4541 (Method B)	Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers
ASTM D6132	Standard Test Method for Nondestructive Measurement of Dry Film Thickness of Applied Organic Coatings Using an Ultrasonic Coating Thickness Gage
ASTM D7234	Standard Test Method for Pull-Off Adhesion Strength of Coatings on Concrete Using Portable Pull-Off Adhesion Testers
ASTME0488, Clause 7	Pull-out test of embedded anchor in concrete
Masonry	
ASTM C109/C109M	Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-mm] Cube Specimens)
ASTM C1107 ² , Clause 11.5	Standard Specification for Packaged Dry, Hydraulic-Cement Grout (Nonshrink)-Compressive Strength only
Rock	
BS EN 13383-1	Proportion of Crushed or Broken Surfaces
BS EN 13383-2	Particle Density, Water Absorption, & Grading Test
BS EN 13383-2	Shape Test (length to thickness ratio)
BS EN 1097-2	Resistance to Fragmentation
BS EN 13383-2	Visual Examination of Signs of "Sonnenbrand" in a Piece of Armourstone
BS812 Part 121	Resistance to weathering MgSO ₄ Soundness (%)
BS 812 Part 112	Aggregate Impact value
EN 1926 Annex A	Compressive Strength (Mpa)
BS 812-110	Aggregate Crushing Value
BS 812-111	10% Fines Value
CIRIA C6831	Drop Test



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ASTM D7012 (Method C)	Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperatures
Soils	
ASTM D421 ¹	Standard Practice for Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
ASTM D422 ¹	Particle-Size Analysis of Soils
ASTM D698	Laboratory Compaction Characteristics of Soil Using Standard Effort
ASTM D854	Test Methods for Specific Gravity of Soil Solids by the Water Displacement Method
ASTM D1140	Standard Test Methods for Determining the Amount of Material Finer than 75- μ m (No. 200) Sieve in Soils by Washing
ASTM D1196/D1196M; BS 1377, Part 9	Standard Test Methods for Nonrepetitive Static Plate Load Tests of Soils and Flexible Pavement Components, for Use in Evaluation and Design of Airport and Highway Pavements
ASTMD1195/D1195M	Standard Test Methods for Repetitive Static Plate Tests of Soils and Flexible Pavement Components for Use in Evaluation and Design of Airport and Highway Pavements
ASTM D1556/D1556M	Standard Test Methods 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 ³ (2,700 kN-m/m ³))
ASTM D1883	Standard Test Methods for CBR (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 Methods for Sand Equivalent Value of Soils and Fine Aggregate
ASTM D2487	Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)
ASTM D2488	Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)
ASTM D3282	Standard Practice for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes
ASTM D4253 ¹	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 D4429	Standard Test Methods for CBR (California Bearing Ratio) of Soils in Place



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ASTM D4718/D4718M	Standard Practice for Correction of Unit Weight and Water Content for Soils Containing Oversize Particles
ASTM D5334	Standard Test Methods for Determination of Thermal Conductivity of Soil and Rock by Thermal Needle Probe Procedure
ASTM D6473	Standard Test Methods for Specific Gravity and Absorption of Rock For Erosion Control
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 D 6951	Standard Test Method for Use of the Dynamic Cone Penetrometer in Shallow Pavement Applications ¹
ASTM D7698	Standard Test Method for In-Place Estimation of Density and Water Content of Soil and Aggregate by Correlation with Complex Impedance method (EDG)
ASTMD7830	Standard Test Method for In-Place Density (unit Weight) and Water Content of Soil Using an Electromagnetic Soil Density Gauge
ASTM D7928	Standard Test Method for Particle-Size Distribution Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis
BS 1377, Part 1	Standard Test Methods of test for soils for civil engineering purposes General requirements and sample preparation
BS 1377, Part 2	Standard Test Methods of test for soils for civil engineering purpose : Classification Tests
BS 1377, Part 4	Standard Test Methods of test for soils for civil engineering purpose: Compaction related Test
BS 1377, Part 9	Standard Test Methods for Determination of the Vertical Deformation and Strength Characteristic of soil by the Plate Loading Test .
BS 1377, Part 9	Standard Test Methods for Determination of the In-Situ California Bearing Ratio (CBR)
DIN 18134	Standard Test Methods for Determining the deformation and strength characteristic of soil by the Plate Loading Test

1. This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.

2. The laboratory is only accredited for the test methods listed above. The accredited test methods are used in determining compliance with the material specifications listed below. The inclusion of these material specifications on this Scope does not confer laboratory accreditation to the material specifications nor does it confer accreditation for the method(s) embedded within the specifications.

