CERTIFICATE OF ACCREDITATION

This is to attest that

FUGRO SUHAIMI CO LTD

BUILDING NUMBER 2931 AL YASMIN DISTRICT, 7389, PB NO 47738, KING KHALID RD
TABUK, SAUDI ARABIA

Testing Laboratory TL-1251

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 August 1, 2025
Effective Date July 5, 2024

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.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

FUGRO SUHAIMI CO LTD

Contact Name smijith vs **Contact Phone** +966-554264474

Accredited to ISO/IEC 17025:2017 *Effective Date July 5, 2024*

Aggregates	
ASTM C29/C29M	Standard Test Method to determine Bulk Density (Unit Weight) and Voids in Aggregate
ASTM C88/C88M	Standard Test Method to determine Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
ASTM C117	Standard Test Method to determine Materials Finer than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing
ASTM C127	Standard Test Method to measure to Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate
ASTM C128	Standard Test Method to measure Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate
ASTM C131/C131M	Standard Test Method to measure 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 to measure Clay Lumps and Friable Particles in Aggregates
ASTM C535	Standard Test Method to Determine 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 to Reducing Samples of Aggregate to Testing Size
ASTM C4791	Standard Test Method to determine Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate
ASTM D75/D75M	Standard Test Methods for Sampling of the Aggregates
Bituminous	
ASTM D546	Standard Test Method for Sieve Analysis of Mineral Filler for Asphalt Paving Mixtures
ASTM D979/D979M	Standard Test Methods for Sampling of Bituminous Paving Mixtures
ASTM D2041/D2041M	Standard Test Method to determine Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures
ASTM D2172D2172M	Standard Test Method to determine Quantitative Extraction of Bitumen from Bituminous Paving Mixtures
ASTM D2726/D2726M	Standard Test Method to measure Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures
ASTM D2995	Standard Test Method for Estimating Application rate and residual application rate of asphalt distributor
ASTM D3549	Standard Test Method to measure Thickness or Height of Compacted Asphalt Mixture Specimens

ASTM D5361/D5361	Standard Practice for Sampling Compacted Asphalt Mixtures for Laboratory Testing
ASTM D5444	Standard Test Method to for Mechanical Size Analysis of Extracted Aggregate
ASTM D6926	Standard Test Method for Preparation of Bituminous Specimens Using Marshall Apparatus
ASTM D6927	Standard Test Method for Marshall Stability and Flow of Bituminous Mixtures
Concrete	
ASTM C31/C31M	Standard Test Method for Making and Curing Concrete Test Specimens in the Field
ASTM C39/C39M	Standard Test Method to determine Compressive Strength of Cylindrical Concrete Specimens
ASTM C42/C42M	Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
ASTM C109	Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-mm] Cube Specimens
ASTM C138/C138M	Standard Test Method to measure Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
ASTM C143/C143M	Standard Test Method to measure Slump of Hydraulic-Cement Concrete
ASTM C172/C172M	Standard Test Method for Sampling of Freshly Mixed Concrete
ASTM C231/C231M	Standard Test Method to measure Air Content of Freshly Mixed Concrete by the Pressure Method
ASTM C617/C617M	Standard Test Method for Capping of Cylindrical Concrete Specimens
ASTM C805/C805M	Standard Test Method for Rebound Number for Hardened Concrete
ASTM C1064/C1064M	Standard Test Method to determine Temperature of Freshly Mixed Hydraulic-Cement Concrete
ASTM D1231/D1231M	Standard Test Method for Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders
ASTM D6132	Standard Test Method to measure Dry Film Thickness of Applied Coating Organic Material
BS 1881-108	Making and Curing Concrete Test Specimen in the Field
BS 1881-116	Compressive Strength of Cube Concrete Specimens
BS EN 12350-1	Testing fresh concrete - Sampling and common apparatus
BS EN 12350-2	Testing fresh concrete - Slump test
BS EN 12350-6	Testing fresh concrete - Density
BS EN 12350-7	Testing fresh concrete - Air content. Pressure methods
BS EN 12390-1	Testing hardened concrete - Shape, dimensions and other requirements for specimens and moulds
BS EN 12390-2	Testing hardened concrete - Making and curing specimens for strength tests
BS EN 12390-3	Testing hardened concrete - Compressive strength of Concrete Cube
BS EN 12390-7	Testing hardened concrete - Density of hardened concrete
Masonry	
ASTM C780 Annex A.6	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry
Soils	
ASTM D421 (Withdrawn 2007)	Dry Preparation of Soil Samples for Particle-Size Analysisand Determination of Soil Constants
ASTM D698	Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort
ASTM D1140	Standard Test Method to determine Amount of Material in Soils Finer than No.

	200 (75-µm) Sieve
ASTM D1196/D1196M	Standard Test Method for Nonrepetitive Static Plate Tests of Soils and Flexible Pavement Components for Use in Evaluation andDesign of Air-port and Highway Pavements
ASTM D1556/D1556M	Standard Test Method to determine Density and Unit Weight of Soil in Place by Sand-Cone Method
ASTM D1557	Standard Test Method to determine Laboratory Compaction Characteristics of Soil Using Modified Effort
ASTM D1883	Standard Test Method to determine CBR (California Bearing Ratio) of Laboratory-Compacted Soils
ASTM D2216	Standard Test Method for 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 D2487	Standard Method for Classification of Soils for Engineering Purposes (Unified Soil Classification System)
ASTM D2488	Standard Practice for Description and Identification of Soils (Visual-Manual Procedures)
ASTM D3282	Standard Practice for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes
ASTM D4318/D4318M	Standard Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils
ASTM D6913/D6913M	Standard Test Method to determine Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis
ASTM D6938	Standard Test Method for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)
ASTM D7012, Method C	Standard Test Methods for Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperatures
DIN 181341	Soil - Testing procedures and testing equipment - Plate load test