



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest

ARAB COMPANY FOR LABORATORIES AND SOIL

KING FAISAL DISTRICT, IBN TASHEEQ STREET, VILLA NO. 11
CENTRAL RIYADH 11542, SAUDI ARABIA

Testing Laboratory TL-664

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 October 16, 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.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

ARAB COMPANY FOR LABORATORIES AND SOIL

www.aces-int.com

Contact Name Abdel Fattah M. Ismael

Contact Phone +966 596421371

Accredited to ISO/IEC 17025:2017

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CMT	
AASHTO M249	White and yellow reflective thermoplastic striping Material (solid form)
AASHTO T166-2016	Standard Method of Test for Bulk Specific Gravity (Gmb) of Compacted Hot Mix Asphalt (HMA) Using Saturated Surface-Dry Specimens
AASHTO T180 (2015)	Standard Test Method for Moisture-Density Relations of Soils Using a 4.54-kg (10 lb) Rammer and a 457 mm (18 in.) Drop
AASHTO DESIGNATION: T230-68 (1993)	Standard method of Test for Determining Degree of Pavement Compaction of Bituminous Aggregate Mixtures
ACI 318M	Building Code Requirements for Structural Concrete and Commentary
ASTM A53/A53M	Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless
ASTM A90/A90M	Standard Test Method for Weight (Mass) of Coating on Iron and Steel Articles with Zinc or Zinc-Alloy coatings.
ASTM A370	Standard Test Methods and Definitions for Mechanical Testing of Steel Products (Clauses 16-19 & 20-32 excluded)
ASTM A615/A615M	Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement
ASTM B117	Standard Practice for Operating Salt Spray (Fog) Apparatus
ASTM C29/C29M	Standard Test Method for Bulk Density ("Unit Weight") and Voids in Aggregate
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 C40/C40M	Standard Test Method for Organic Impurities in Fine Aggregates for Concrete
ASTM C42/C42M	Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
ASTM C87/C87M	Standard Test Method for Effect of Organic Impurities in Fine Aggregate on Strength of Mortar
ASTM C88	Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate

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ASTM C97/C97M	Standard Test Methods for Absorption and Bulk Specific Gravity of Dimension Stone
ASTM C99/C99M	Standard Test Method for Modulus of Rupture of Dimension Stone
ASTM C109/C109M	Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-mm] Cube Specimens)
ASTM C117	Standard Test Method for Materials Finer than 75- μ m (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 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
ASTM C138/C138M	Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
ASTM C140/C140M	Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units
ASTM C142/C142M	Standard Test Method for Clay Lumps and Friable Particles in Aggregates
ASTM C143/C143M	Standard Test Method for Slump of Hydraulic-Cement Concrete
ASTM C170/C170M	Standard Test Method for Compressive Strength of Dimension Stone
ASTM C172/C172	Standard Practice for Sampling Freshly Mixed Concrete
ASTM C187	Standard Test Method for Amount of Water Required for Normal Consistency of Hydraulic Cement Paste ASTM C172/C172-14a Standard Practice for Sampling Freshly Mixed Concrete
ASTM C191	Standard Test Methods for Time of Setting of Hydraulic Cement by Vicat Needle
ASTM C192	Standard Practice for Making and Curing Concrete Test Specimens in the Laboratory
ASTM C227	Standard Test Method for Potential Alkali Reactivity of Cement-Aggregate Combinations (Mortar-Bar Method)
ASTM C230/C230M	Standard Specification for Flow Table for Use in Tests of Hydraulic Cement
ASTM C231/C231M	Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
ASTM C494/C494M	Standard Specification for Chemical Admixtures for Concrete
ASTM C511	Standard Specification for Mixing Rooms, Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the Testing of Hydraulic Cements and Concretes



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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 C617/C617M	Standard Practice for Capping Cylindrical Concrete Specimens
ASTM C702/702M	Standard Practice for Reducing Samples of Aggregate to Testing Size
ASTM C805/C805M	Standard Test Method for Rebound Number of Hardened Concrete
ASTM C880	Standard Test Method for Flexural Strength of Dimension Stone
ASTM C1019	Standard Test Method for Sampling and Testing Grout for Masonry
ASTM C1064/C1064M	Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete
ASTM C1202	Standard Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration
ASTM C1314	Standard Test Method for Compressive Strength of Masonry Prisms
ASTM C 1354	Standard Test Method for Strength of Individual Stone Anchorages in Dimension Stone.
ASTM D75/D75M	Standard Practice for Sampling Aggregates
ASTM D422	Standard Test Method for Particle-Size Analysis of Soils
ASTM D512	Standard Test Methods for Chloride Ion In Water
ASTM D516	Standard Test Method for Sulfate Ion in Water
ASTM D523	Standard Test Method for Specular Gloss
ASTM D562	Standard Test Method for Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using a Stormer-Type Viscometer
ASTM D823	Standard Practices for Producing Films of Uniform Thickness of Paint, Coatings and Related Products on Test Panels
ASTM D968	Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive
ASTM D1005	Standard Test Method for Measurement of Dry-Film Thickness of Organic Coatings Using Micrometers
ASTM D1067	Standard Test Methods for Acidity or Alkalinity of Water
ASTM D1125	Standard Test Methods for Electrical Conductivity and Resistivity of Water
ASTM D1140	Standard Test Methods for Determining the Amount of Material Finer than 75- μ m (No. 200) Sieve in Soils by Washing
ASTM D1194	Standard Test Method for Bearing Capacity of Soil for Static Load and Spread Footings
ASTM D1210	Standard Test Method for Fineness of Dispersion of Pigment-Vehicle Systems by Hegman-Type Gage

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ASTM D1214	Standard Test Method for Sieve Analysis of Glass Spheres
ASTM D1293	Standard Test Methods for pH of Water
ASTM D1475	Standard Test Method for Density of Liquid Coatings, Inks, and Related Products
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 ³ (2,700 kN-m/m ³))
ASTM D1883	Standard Test Method for CBR (California Bearing Ratio) of Laboratory-Compacted Soils
ASTM D2041/D2041M	Standard Test Method for Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures
ASTM D2172/D2172M	Standard Test Methods for Quantitative Extraction of Bitumen From Bituminous Paving Mixtures
ASTM D2216	Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass
ASTM D2369	Standard Test Method for Volatile Content of Coatings
ASTM D2419	Standard Test Method for Sand Equivalent Value of Soils and Fine Aggregate
ASTM D2486	Standard Test Methods for Scrub Resistance of Wall Paints
ASTM D2726/D2726M	Standard Test Method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures
ASTM D2794	Standard Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact)
ASTM D2937	Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method
ASTM D3080/D3080M	Standard Test Method for Direct Shear Test of Soils Under Consolidated Drained Conditions
ASTM D3359	Standard Test Methods for Rating Adhesion by Tape Test
ASTM D3363	Standard Test Method for Film Hardness by Pencil Test
ASTM D3549/D3549M	Standard Test Method for Thickness or Height of Compacted Bituminous Paving Mixture Specimens
ASTM D4138	Standard Practices for Measurement of Dry Film Thickness of Protective Coating Systems by Destructive, Cross-Sectioning Means
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

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ASTM D4451	Standard Test Method for Pigment Content of Paints by Low-Temperature Ashing
ASTM D4541	Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers
ASTM D4643	Standard Test Method for Determination of Water Content of Soil and Rock by Microwave Oven Heating
ASTM D5731	Standard Test Method for Determination of the Point Load Strength Index of Rock and Application to Rock Strength Classifications
ASTM D5895	Standard Test Methods for Evaluating Drying or Curing During Film Formation of Organic Coatings Using Mechanical Recorders ¹
ASTM D5907	Standard Test Methods for Filterable Matter (Total Dissolved Solids) and Nonfilterable Matter (Total Suspended Solids) in Water
ASTM D5957	Standard Guide for Flood Testing Horizontal Waterproofing Installations
ASTM D6132	Standard Test Method for Nondestructive Measurement of Dry Film Thickness of Applied Organic Coatings Using an Ultrasonic Coating Thickness Gage
ASTM D6528	Standard Test Method for Consolidated Undrained Direct Simple Shear Testing of Cohesive Soils
ASTM D6926	Standard Practice for Preparation of Bituminous Specimens Using Marshall Apparatus
ASTM D6927	Standard Test Method for Marshall Stability and Flow of Asphalt Mixtures
ASTM D6938	Standard Test Method for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)
ASTM D7234	Standard Test Method for Pull-Off Adhesion Strength of Coatings on Concrete Using Portable Pull-Off Adhesion Testers
ASTM E90	Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements
ASTM E303	Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester.
ASTM E336	Standard Test Method for Measurement of Airborne Sound Attenuation between Rooms in Buildings
ASTM E709	Standard Guide for Magnetic Particle Testing
ASTM E754	Standard Test Methods for Pull-out Resistance of Ties and Anchors Embedded in Masonry Mortar Joints.
ASTM E950	Standard Test Method for Measuring the Longitudinal Profile of Traveled Surfaces with an Accelerometer-Established Inertial Profiling Reference
ASTM E1220	Standard Practice for Visible Penetrant Testing Using Solvent-Removable Process
BS 812: Part 105.2	Testing aggregates. Methods for determination of particle shape. Elongation index of coarse aggregate

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BS 1377 PART 3, Cl.3	Methods of test for Soils for civil engineering purposes — Part 3: Chemical and electro-chemical tests
BS 3900	Methods of test for paints. Index of test methods
BS 4449 Tests per BS EN ISO 15630-1 and ISO 15630-1	Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar, coil and decoiled product. Specification
BS 5080 P.1	Structural fixings in concrete and masonry. Method of test for tensile loading
BS EN 933-3	Tests for geometrical properties of aggregates. Determination of particle shape. Flakiness index
BS EN 1744-1+A1	Tests for chemical properties of aggregates. Chemical analysis
BS EN 12370	Natural stone test methods. Determination of resistance to salt crystallization.
BS EN 12390-8	Testing hardened concrete. Depth of penetration of water under pressure
BS EN 12504-4	Testing concrete. Determination of ultrasonic pulse velocity
BS EN 14147	Natural stone test methods - Determination of resistance to ageing by salt mist.
DIN 55984	Testing of pigments; Determination of hiding power value of white and light grey media
EN 1015-12	Methods of test for mortar for masonry Determination of adhesive strength of hardened rendering and plastering mortars on substrates
GB 5950	Method for measurement of whiteness of building materials and non-metal mineral products
GB 9269	Determination of viscosity of paints and coatings – Stormer viscometer method
GB 9754	Paints and varnishes—Determination of specular gloss of non-metallic paint films at 20° 60°and 85°
In-house Method	PH Value of coating materials
In-house Method	Electrical conductivity (EC)
ISO 1524	Paints, varnishes and printing inks — Determination of fineness of grind
ISO 2178	Non-magnetic coatings on magnetic substrates — Measurement of coating thickness — Magnetic method
ISO 2360	Non-conductive coatings on non-magnetic electrically conductive base metals — Measurement of coating thickness — Amplitude-sensitive eddy-current method
ISO 2409	Paints and varnishes — Cross-cut test
ISO 2811	Paints and varnishes — Determination of density — Part 1: Pycnometer method
ISO 2813	Paints and varnishes — Determination of gloss value at 20 degrees, 60 degrees and 85 degrees
ISO 3251	Paints, varnishes and plastics — Determination of non-volatile-matter content

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ISO 4624	Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers
ISO 6504-3	Paints and varnishes — Determination of hiding power — Part 3: Determination of hiding power of paints for masonry, concrete and interior use
ISO 11998	Paints and varnishes — Determination of wet-scrub resistance and clean ability of coatings
ISO 16474-1	Paints and varnishes — Methods of exposure to laboratory light sources — Part 1: General guidance
ISO 16474-3	Paints and varnishes — Methods of exposure to laboratory light sources — Part 3: Fluorescent UV lamps
NZS - 4298	Standard Test Methods for Materials and Workmanship for Earth Building.
CHEMISTRY	
APHA 9222B	Total coliform by membrane filtration procedure
APHA 9222D	Fecal coliform by membrane filtration procedure
APHA 9222H	<i>Escherichia coli</i> by membrane filtration procedure
ISO 11731	<i>Legionella</i> by membrane filtration procedure

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