



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

ARAB COMPANY FOR LABORATORIES AND SOIL - SHARMA LAB

NEOM LOGISTIC AREA – LOT 10, TABUK-SHARMA ROAD
TABUK, SAUDI ARABIA

Testing Laboratory TL-1287

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 June 17, 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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ARAB COMPANY FOR LABORATORIES AND SOIL - SHARMA LAB

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Accredited to ISO/IEC 17025:2017

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Aggregate	
ASTM C29	Standard Test Method for Bulk Density ("Unit Weight") and Voids in 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- μ m (No. 200) Sieve in Mineral Aggregates by Washing
ASTM C123	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	Standard Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
ASTM C136	Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates
ASTM C142	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 C702	Standard Practice for Reducing Samples of Aggregate to Testing Size
ASTM D75	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
ASTM D5821	Standard Test Method for Determining the Percentage of Fractured Particles in Coarse Aggregate
BS 812-2	Testing aggregates Part 2. Methods of determination of density
BS 812 Part 105.1	Testing aggregates - Methods for determination of particle shape - Flakiness index of coarse aggregate
BS 812 Part 105.2	Testing aggregates -Methods for determination of particle shape - Elongation index of coarse aggregate

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BS 812-106	Testing Aggregates. Method for Determination of Shell Content in Coarse Aggregate
BS 812-110	Methods for determination of aggregate crushing value (ACV)
BS 812-111	Testing aggregates — Part 111: Methods for determination of ten per cent fines value (TFV)
BS 812-112	Testing aggregates Method for determination of aggregate impact value (AIV)
BS EN 933-7	Determination of shell content Percentage of shells in coarse aggregates
BS EN 1367-4	Determination of drying shrinkage
Concrete and Shotcrete	
ACI 207.2	Report on Thermal and Volume Change Effects on Cracking of Mass Concrete
ACI 211.1	Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete
ACI 214.1 R	Guide to Evaluation of Strength Test Results of Concrete
ACI 214.4 R	Guide for obtaining cores and interpreting compressive strength results
ACI 228.1R	In-Place Methods to Estimate Concrete Strength
ACI 228.2R	Report on Nondestructive Test Methods for Evaluation of Concrete in Structures
ACI 237R	Self-Consolidating Concrete
ACI 301	Specifications for Structural Concrete (Section 8)
ACI 318 Chapter 27	Strength Evaluation of Existing Structures
ACI 364.1	Guide for assessment of concrete structures before rehabilitation
ACI 437	Strength Evaluation of Existing Concrete Buildings
ACI 506.2	Shotcrete Testing
ASTM C31	Standard Practice for Making and Curing Concrete Test Specimens in the Field
ASTM C39	Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens
ASTM C1231/C1231M	Standard Practice for Use of Unbonded Caps in Determination of Compressive Strength of Hardened Cylindrical Concrete Specimens
ASTM C42	Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
ASTM C78	Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)
ASTM C94	Standard Specification for Ready-Mixed Concrete- Concrete Uniformity Test (Annex A1. Concrete Uniformity Requirements)
ASTM C138	Standard Test Method for Density (Unit Weight) of Concrete

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ASTM C143	Standard Test Method for Slump of Hydraulic-Cement Concrete
ASTM C157	Standard Test Method for Length Change of Hardened Hydraulic-Cement Mortar and Concrete
ASTM C172	Standard Practice for Sampling Freshly Mixed Concrete
ASTM C192	Standard Practice for Making and Curing Concrete Test Specimens in the Laboratory
ASTM C231	Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
ASTM C232	Standard Test Method for Bleeding of Concrete
ASTM C403	Standard Test Method for Time of Setting of Concrete Mixtures by Penetration Resistance
ASTM C490	Standard Practice for Use of Apparatus for the Determination of Length Change of Hardened Cement Paste, Mortar, and Concrete
ASTM C496	Standard Test Method for Splitting Tensile Strength of Cylindrical Concrete Specimens
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 C597	Standard Test Method for Ultrasonic Pulse Velocity Through Concrete
ASTM C617	Standard Practice for Capping Cylindrical Concrete Specimens
ASTM C642	Standard Test Method for Density, Absorption, and Voids in Hardened Concrete
ASTM C805	Standard Test Method for Rebound Number of Hardened Concrete
ASTM C900	Standard Test Method for Pullout Strength of Hardened Concrete
ASTM C1012	Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution
ASTM C1040	In-Place Density of Unhardened and Hardened Concrete, Including Roller Compacted Concrete, By Nuclear Methods
ASTM C1064	Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete
ASTM C1140	Standard Practice for Preparing and Testing Specimens from Shotcrete Test Panels
ASTM C1202	Standard Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration (Rapid Chloride Penetration Test)
ASTM C1550	Standard Test Method for Flexural Toughness of Fiber Reinforced Concrete (Using Centrally Loaded Round Panel)
ASTM C1583	Standard Test Method for Tensile Strength of Concrete Surfaces and the Bond Strength or Tensile Strength of Concrete Repair and Overlay Materials by Direct Tension (Pull-off Method)
ASTM C1604	Standard Test Method for Obtaining and Testing Drilled Cores of Shotcrete

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ASTM C1609	Standard Test Method for Flexural Performance of Fiber-Reinforced Concrete (Using Beam With Third-Point Loading)
ASTM C1611	Standard Test Method for Slump Flow of Self-Consolidating Concrete
ASTM D4541 (Method E)	Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers
ASTM D6910	Standard Test Method for Marsh Funnel Viscosity of Construction Slurries
ASTM D7234	Standard Test Method for Pull-Off Adhesion Strength of Coatings on Concrete Using Portable Pull-Off Adhesion Testers
BS 1881-122	Method for Determination of Water Absorption of Concrete
BS 1881-208	Initial Surface Absorption of Concrete
BS 1924-1	Stabilized materials for civil engineering purposes — Part 1: General requirements, sampling, sample preparation and tests on materials before stabilization
BS 1924-2	Stabilized materials for civil engineering purposes — Part 2: Methods of test for cement-stabilized and lime-stabilized materials
BS EN 12350-1	Testing fresh concrete: Sampling and Common apparatus
BS EN 12350-2	Testing fresh concrete: Slump Test
BS EN 12350-5	Testing fresh concrete - Part 5: Flow table test
BS EN 12350-6	Testing fresh concrete: Density
BS EN 12350-7	Testing fresh concrete: Air Content - Pressure Methods
BS EN 12350-8	Testing fresh concrete Self-compacting concrete. Slump-flow test
BS EN 12390-3	Testing hardened concrete - Part 3: Compressive strength of test specimens
BS EN 12390-8	Depth of Penetration of Water Under Pressure
BS EN 13286-1	Unbound and hydraulically bound mixtures — Part 1: Test methods for laboratory reference density and water content — Introduction, general requirements and sampling
BS EN 13286-4	Unbound and hydraulically bound mixtures — Part 4: Test methods for laboratory reference density and water content — Vibrating hammer
BS EN 13286-41	Unbound and hydraulically bound mixtures — Part 41: Test method for the determination of the compressive strength of hydraulically bound mixtures
BS EN 13286-51	Unbound and hydraulically bound mixtures — Part 51: Method for the manufacture of test specimens of hydraulically bound mixtures using vibrating hammer compaction
BS EN 14227-1	Hydraulically bound mixtures — Specifications Part 1: Cement bound granular mixtures
BS EN 14488-2	Testing sprayed concrete - Part 2: Compressive strength of young sprayed concrete
BS EN 14488-7	Testing sprayed concrete - Part 7: Fibre content of fibre reinforced concrete

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BS EN 14651	Test method for metallic fibre concrete — Measuring the flexural tensile strength (limit of proportionality (LOP), residual)
BS EN 14721	Test method for metallic fibre concrete — Measuring the fibre content in fresh and hardened concrete
DIN 1048-Part 5	Testing of Hardened Concrete - Clause 7.6 "Water Permeability"
EFNARC 1996	European Specification for Sprayed Concrete
NT-Build-443	Concrete, hardened Accelerated chloride penetration (Chloride Diffusion)
NT-Build-492	Chloride Migration Coefficient of Hardened Concrete
Grout	
ASTM C109	Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 50 mm [2 in.] Cube Specimens)
ASTM C938	Standard Practice for Proportioning Grout Mixtures for Preplaced-Aggregate Concrete
ASTM C939	Standard Test Method for Flow of Grout for Preplaced Aggregate Concrete (Flow Cone Method)
ASTM C940	Standard Test Method for Expansion and Bleeding of Freshly Mixed Grouts for Preplaced-Aggregate Concrete in the Laboratory
ASTM C1107	Standard Specification for Packaged Dry, Hydraulic-Cement Grout (Nonshrink)
Non-Destructive Tests	
ASTM D6132	Standard Test Method for Nondestructive Measurement of Dry Film Thickness of Applied Organic Coatings Using an Ultrasonic Coating Thickness Gage
ASTM E1417	Standard Practice for Liquid Penetrant Testing
BS1881-204	Testing concrete Recommendations on the use of electromagnetic covermeters
Soil	
ASTM D422	Standard Test Method for Particle-Size Analysis of Soils
ASTM D698	Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/ft ³ (600 kN-m/m ³))
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- μ m (No. 200) Sieve in Soils by Washing
ASTM D1195	Standard Test Method for Repetitive Static Plate Tests of Soils and Flexible Pavement Components for Use in Evaluation and Design of Airport and Highway Pavements
ASTM D1196	Standard Test Method for Nonrepetitive Static Plate Load Tests of Soils and Flexible Pavement Components, for Use in Evaluation and Design of Airport and Highway Pavements

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ASTM D1556	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 California Bearing Ratio (CBR) of Laboratory-Compacted Soil
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 D3282	Standard Practice for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes
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 D4718	Standard Practice for Correction of Unit Weight and Water Content for Soils Containing Oversize Particles
ASTM D6913	Particle Size Analysis (Sieving Method)
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
BS 1377 Part 9	Plate Bearing Test
DIN 18134	Testing procedures and testing equipment-Plate load test
Rock	
ASTM D3967	Standard Test Method for Splitting Tensile Strength of Intact Rock Core Specimens
ASTM D4543	Standard Practices for Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances
ASTM D5731	Standard Test Method for Determination of the Point Load Strength Index of Rock and Application to Rock Strength Classifications
ASTM D7012	Standard Test Methods for Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperatures (Method C).
Rock Bolt/Anchor Bolt	
ASTM D4435	Standard Test Method for Rock Bolt Anchor Pull Test

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Conformity Specification	
ASTM E329	Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
ASTM E543	Standard Specification for Agencies Performing Nondestructive Testing
Asphalt	
ASTM D979	Standard Practice for Sampling Bituminous Paving Mixtures
ASTM D2041	Standard Test Method for Theoretical Maximum Specific Gravity and Density of Asphalt Mixtures
ASTM D2172	Standard Test Methods for Quantitative Extraction of Asphalt Binder from Asphalt Mixtures
ASTM D2726	Standard Test Method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Asphalt Mixtures
ASTM D2995	Standard Practice for Estimating Application Rate and Residual Application Rate of Bituminous Distributors
ASTM D3203	Standard Test Method for Percent Air Voids in Compacted Asphalt Mixtures
ASTM D3549	Standard Test Method for Thickness or Height of Compacted Asphalt Mixture Specimens
ASTM D5361	Standard Practice for Sampling Compacted Asphalt Mixtures for Laboratory Testing
ASTM D5444	Standard Test Method for Mechanical Size Analysis of Extracted Aggregate
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
Bitumen	
AASHTO T44	Standard Method of Test for Solubility of Bituminous Materials
AASHTO T48	Standard Method of Test for Flash Point of Asphalt Binder by Cleveland Open Cup
AASHTO T49	Standard Method of Test for Penetration of Bituminous Materials
AASHTO T53	Standard Method of Test for Softening Point of Bitumen (Ring-and-Ball Apparatus)
AASHTO T240	Standard Method of Test for Effect of Heat and Air on a Moving Film of Asphalt Binder (Rolling Thin-Film Oven Test)
AASHTO T316	Standard Method of Test for Viscosity Determination of Asphalt Binder Using Rotational Viscometer
AASHTO T350	Standard Method of Test for Multiple Stress Creep Recovery (MSCR) Test of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)
ASTM D5	Standard Test Method for Penetration of Bituminous Materials

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ASTM D36	Standard Test Method for Softening Point of Bitumen (Ring-and-Ball Apparatus)
ASTM D70	Standard Test Method for Density of Semi-Solid Asphalt Binder (Pycnometer Method)
ASTM D92	Standard Test Method For Flash And Fire Points By Cleveland Open Cup Tester
ASTM D113	Standard Test Method for Ductility of Asphalt Materials
ASTM D140	Standard Practice for Sampling Asphalt Materials
ASTM D2042	Standard Test Method for Solubility of Asphalt Materials in Trichloroethylene or Toluene
ASTM D2872	Standard Test Method for Effect of Heat and Air on a Moving Film of Asphalt Binder (Rolling Thin-Film Oven Test)
ASTM D4402	Standard Test Method for Viscosity Determination of Asphalt at Elevated Temperatures Using a Rotational Viscometer
ASTM D7175	Standard Test Method for Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer

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