



INTERNATIONAL
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CERTIFICATE OF ACCREDITATION

This is to attest that

ARAB COMPANY FOR LABORATORIES AND SOIL - NEOM SITE LAB

GAYAL, 21382, SAUDI ARABIA

Testing Laboratory TL-1136

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, 2026

Effective Date May 17, 2025



International Accreditation Service
Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

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ARAB COMPANY FOR LABORATORIES AND SOIL - NEOM SITE LAB

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Accredited to ISO/IEC 17025:2017

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Conformity Specifications	
ASTM C1077	Practice for Agencies Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Testing Agency Evaluation
ASTM C1093	Practice for Accreditation of Testing Agencies for Masonry
ASTM D3666	Specification for Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials
ASTM D3740	Practice for Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction
ASTM E329	Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection (sections 8-12)
ASTM E543	Specification for Agencies Performing Nondestructive Testing
ASTM E2174	Practice for On-Site Inspection of Installed Firestops
ASTM E2393	Practice for On-Site Inspection of Installed Fire Resistive Joint Systems and Perimeter Fire Barriers
Concrete	
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 211.2	Standard Practice for Selecting Proportions for Structural Lightweight Concrete
ACI 211.4	Guide for Selecting Proportions for High-Strength Concrete
ACI 212.3	Report on chemical admixtures for 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 216.1	Code Requirements for Determining Fire Resistance of Concrete and Masonry Construction Assemblies
ACI 228.1R	In-Place Methods to Estimate Concrete Strength
ACI 228.2R	Report on Nondestructive Test Methods for Evaluation of Concrete in Structures

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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 437.1	Load Tests of Concrete Structures Methods, Magnitude, Protocols and Acceptance Criteria
ACI 506.2	Shotcrete Testing
ACI 562	Code Requirements for Assessment, Repair, and Rehabilitation of Existing Concrete Structures
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 C78	Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)
ASTM C94	Standard Specification for Ready-Mixed Concrete
ASTM C133	Standard Test Methods for Cold Crushing Strength and Modulus of Rupture of Refractories
ASTM C134	Standard Test Methods for Size, Dimensional Measurements, and Bulk Density of Refractory Brick and Insulating Firebrick
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 C157	Length Change of Hardened Hydraulic-Cement Mortar and Concrete
ASTM C172/C172M	Standard Practice for Sampling Freshly Mixed Concrete
ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method
ASTM C174/C174M	Standard Test Method for Measuring Thickness of Concrete Elements Using Drilled Concrete Cores
ASTM C192	Standard Practice 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. Method B.
ASTM C232	Standard Test Method for Bleeding of Concrete
ASTM C293	Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Center-Point Loading)
ASTM C403	Standard Test Method for Time of Setting of Concrete Mixtures by Penetration Resistance

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ASTM C426	Standard Test Method for Linear Drying Shrinkage of Concrete Masonry Units
ASTM C469	Static Modulus of Elasticity of Concrete in Compression
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 Pulse Velocity Through Concrete
ASTM C617/C617M	Standard Practice 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 C876	Standard Test Method for Corrosion Potentials of Uncoated Reinforcing Steel in Concrete
ASTM C900	Standard Test Method for Pullout Strength of Hardened 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 C1064/C1064M	Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete
ASTM C1074	Standard Practice for Estimating Concrete Strength by Maturity Method
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
ASTM C1231/C1231M	Standard Practice for Use of Unbonded Caps in Determination of Compressive Strength of Hardened Cylindrical Concrete Specimens
ASTM C1354	Standard Test Method for Strength of Individual Stone Anchorages in Dimension Stone
ASTM C1550	Standard Test Method for Flexural Toughness of Fiber Reinforced Concrete (Using Centrally Loaded Round Panel)
ASTM C1582	Standard Test Method for Acid-Soluble Chloride in Mortar and Concrete
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 C1585	Standard Test Method for Measurement of Rate of Absorption of Water by Hydraulic-Cement Concretes
ASTM C1602	Standard Specification for Mixing Water Used in the Production of Hydraulic Cement Concrete
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	Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers
ASTM D7234	Standard Test Method for Pull-Off Adhesion Strength of Coatings on Concrete Using Portable Pull-Off Adhesion Testers
NT-Build-443	Concrete, Hardened Accelerated Chloride Penetration (Chloride Diffusion)
BS 1881-122	Testing concrete Method for determination of water absorption
BS 1881-208	Testing concrete Recommendations for the determination of the initial surface absorption of concrete
BS 6717 Part 1 Annex A	Precast Concrete Paving Blocks. Specification for Paving Blocks (Dimensions & Plan Area)
BS 6717 Part 1 Annex B	Precast Concrete Paving Blocks. Specification for Paving Blocks (Compressive Strength)
BS EN 1338	Concrete paving blocks. Requirements and test methods
BS EN 1339	Concrete paving flags. Requirements and test methods
BS EN 12350-5	Testing fresh concrete Flow table test
BS EN 12350-8	Testing fresh concrete Self-compacting concrete. Slump-flow test
BS EN 12350-9	Testing fresh concrete. Self-compacting concrete - V funnel test
BS EN 12350-10	Testing fresh concrete Self-compacting concrete. L box test
BS EN 12350-11	Testing fresh concrete Self-compacting concrete. Sieve segregation test
BS EN 12350-12	Testing fresh concrete Self-compacting concrete. J-ring test
BS EN 12390-8	Testing hardened concrete Depth of penetration of water under pressure
BS EN 14488-2	Testing Sprayed Concrete
BS EN 14651	Test method for metallic fiber concrete. Measuring the flexural tensile strength (limit of proportionality (LOP), residual)
BS EN 14721	Test method for metallic fiber concrete. Measuring the fiber content in fresh and hardened concrete
DIN 1048-part 5	Testing of Hardened Concrete - Clause 7.6 "Water Permeability"
EFNARC 1996	Testing Sprayed Concrete
NT Build 492	Concrete, Mortar and Cement-based repair materials: Chloride migration coefficient from non-steady state immigration experiments
Soil	
ASTM C1580	Standard Test Method for Water-Soluble Sulfate in Soil
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))

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ASTM D854	Standard 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-µm (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
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 Soils
ASTM D2167	Standard Test Method for Density and Unit Weight of Soil in Place by the Rubber Balloon Method
ASTM D2216	Standard Test Methods for Laboratory 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 Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)
ASTM D2573	Standard Test Method for Field Vane Shear Test in Cohesive Soil
ASTM D3080	Standard Test Method for Direct Shear Test of Soils Under Consolidated Drained Conditions (Withdrawn 2020)
ASTM D3282	Standard Practice for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes
ASTM D3967	Standard Test Method for Splitting Tensile Strength of Intact Rock Core Specimens
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 D4429	Standard Test Method for CBR (California Bearing Ratio) of Soils in Place (Silty sand with gravel or rock only)
ASTM D4543	Standard Practices for Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances
ASTM D4718	Standard Practice for Correction of Unit Weight and Water Content for Soils Containing Oversize Particles
ASTM D5731	Standard Test Method for Determination of the Point Load Strength Index of Rock and Application to Rock Strength Classifications
ASTM D6913	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)

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ASTM D6951	Standard Test Method for Use of the Dynamic Cone Penetrometer in Shallow Pavement Applications
ASTM D7012	Standard Test Methods for Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperatures
ASTM D7263	Standard Test Methods for Laboratory Determination of Density and Unit Weight of Soil Specimens
ASTM D7830	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 2	Linear Shrinkage Test for Soil
BS EN 1926	Natural Stone Test Methods. Determination of Uniaxial Compressive Strength
BS EN 12670	Natural Stone Terminology and Size
BS EN 13383-2	The Rock Manual
CIRIA C683	The Rock Manual
DIN 18134	Testing procedures and testing equipment-Plate load test
Aggregate	
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 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-µm (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 C1260	Standard Test Method for Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)
ASTM D75	Standard Practice for Sampling Aggregates

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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
AASHTO T85	Specific Gravity and Absorption of Coarse Aggregates
AASHTO T96	Resistance of Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
AASHTO T104	Standard Method of Test for Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate
BS 812 Section 105.1	Methods for Determination of Particle Shape - Flakiness Index
BS 812-105.2	Testing aggregates. Methods for determination of particle shape. Elongation index of coarse aggregate
BS 812-110	Methods for determination of aggregate crushing value (ACV)
BS 812-111	Testing aggregates 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 933-3	Tests for geometrical properties of aggregates. Determination of particle shape. Flakiness index
BS EN 1097-2	Tests for mechanical and physical properties of aggregates. Methods for the determination of resistance to fragmentation
BS EN 1097-9	Tests for Mechanical and Physical Properties of Aggregates- Determination of the Resistance to Wear by Abrasion from Studded Tyres - Nordic Test
BS EN 1367-2	Tests for Thermal and Weathering Properties of Aggregates - Magnesium Sulfate Test (Soundness Test)
BS EN 1367-4	Determination of drying shrinkage
BS EN 12620	Aggregates for concrete
Asphalt	
AASHTO T 324	Hamburg Wheel-Track Testing of Compacted Asphalt Mixture
ASTM D979	Standard Practice for Sampling Bituminous Paving Mixtures
ASTM D1664	Standard Test Methods for Coating and Stripping of Bitumen -Aggregate Mixture
ASTM D2041	Standard Test Method for Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures
ASTM D2172	Standard Test Methods for Quantitative Extraction of Asphalt Binder from Asphalt Mixtures
ASTM D2240	Standard Test Method for Rubber Property—Durometer Hardness
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

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ASTM D3549	Standard Test Method for Thickness or Height of Compacted Asphalt Mixture Specimens
ASTM D4402	Standard Test Method for Viscosity Determination of Asphalt at Elevated Temperatures Using a Rotational Viscometer"
ASTM D4867	Standard Test Method for Effect of Moisture on Asphalt Concrete Paving Mixtures
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 D5581	Standard Test Method for Resistance to Plastic Flow of Bituminous Mixtures Using Marshall Apparatus (6 inch- Diameter Specimen)
ASTM D6925	Standard Test Method for Preparation and Determination of the Relative Density of Asphalt Mix Specimens by Means of the Superpave Gyratory Compactor
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
ASTM D6931	Standard Test Method for Indirect Tensile (IDT) Strength of Asphalt Mixtures
MS-2	Asphalt Mix Design Methods
SP-2	Superpave Mix Design
Non-Destructive Testing (NDT)	
ASTM D4541	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 E164	Standard Practice for Contact Ultrasonic Testing of Weldments
ASTM E376	Standard Practice for Measuring Coating Thickness by Magnetic-Field or Eddy Current (Electromagnetic) Testing Methods
ASTM E1417	Standard Practice for Liquid Penetrant Testing
ASTM E1444	Standard Practice for Magnetic Particle Testing
Concrete Masonry units	
ASTM C90	Standard Specification for Loadbearing Concrete Masonry Units
ASTM C129	Standard Specification for Nonloadbearing Concrete Masonry Units
ASTM C140	Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units
ASTM C936	Standard Specification for Solid Concrete Interlocking Paving Units
BS 6073-1 Appendix A	Precast Concrete Masonry Units. Specification for Precast Concrete Masonry Units (Dimensions)
BS 6073-2 Appendix B	Precast Concrete Masonry Units. Specification for Precast Concrete Masonry Units (Compressive Strength)

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BS EN 772 Part 1	Methods of Test for Masonry Units. Determination of Compressive Strength
BS EN 772 Part 2	Methods of Test for Masonry Units. Determination of Percentage Area of Voids in Masonry Units (By Paper Indentation)
BS EN 772 Part 16	Methods of Test for Masonry Units. Determination of Dimensions
Cement and Cementitious Additives	
ASTM C109	Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-mm] Cube Specimens)
ASTM C150	Standard Specification for Portland Cement
ASTM C185	Standard Test Method for Air Content of Hydraulic Cement Mortar
ASTM C191	Standard Test Methods for Time of Setting of Hydraulic Cement by Vicat Needle
ASTM C204	Standard Test Methods for Fineness of Hydraulic Cement by Air-Permeability Apparatus
ASTM C311	Standard Test Methods for Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete
ASTM C430	Standard Test Method for Fineness of Hydraulic Cement by the 45-µm (No. 325) Sieve
ASTM C618	Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete
ASTM C989	Standard Specification for Slag Cement for Use in Concrete and Mortars
ASTM C1240	Standard Specification for Silica Fume Used in Cementitious Mixtures
Pile Testing	
ASTM D1143/D1143M	Standard Test Methods for Deep Foundations Under Static Axial Compressive Load
ASTM D3689	Standard Test Methods for Deep Foundation Elements Under Static Axial Tensile Load
ASTM D3966	Standard Test Methods for Deep Foundations Under Lateral Load
ASTM D4945	Standard Test Method for High-Strain Dynamic Testing of Deep Foundations
ASTM D5882	Standard Test Method for Low Strain Impact Integrity Testing of Deep Foundations
ASTM D6167	Standard Guide for Conducting Borehole Geophysical Logging: Mechanical Caliper
ASTM D6760	Test Method for Integrity Testing of Concrete Deep Foundations by Ultrasonic Crosshole Testing
ASTM D7949	Standard Test Methods for Thermal Integrity Profiling of Concrete Deep Foundations
ASTM D8169	Standard Test Methods for Deep Foundations Under Bi-Directional Static Axial Compressive Load
Building Material Testing	
AMAA 501	Water Penetration of Windows, Curtain Walls and Doors Using Dynamic Pressure

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AMAA 502	Standard Test Method for Determining Air Leakage Rate by Fan Pressurization
AMAA 503	Field Testing of Newly Installed Storefronts, Curtain Walls, and Sloped Glazing Systems
ASTM E90	Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements
ASTM E110	Standard Test Method for Rockwell and Brinell Hardness of Metallic Materials by Portable Hardness Testers
ASTM E283	Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Skylights, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen
ASTM E330	Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference
ASTM E331	Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference
ASTM E336	Standard Test Method for Measurement of Airborne Sound Attenuation between Rooms in Buildings
ASTM E547	Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference
ASTM E779	Determining Air Leakage Rate by Fan Pressurization
ASTM E783	Standard Test Method for Field Measurement of Air Leakage Through Installed Exterior Windows and Doors
ASTM E1007	Standard Test Method for Field Measurement of Tapping Machine Impact Sound Transmission Through Floor-Ceiling Assemblies and Associated Support Structures
ASTM E1105	Standard Test Method for Field Determination of Water Penetration of Installed Exterior Windows, Skylights, Doors, and Curtain Walls, by Uniform or Cyclic Static Air Pressure Difference
ATTMA-TSL1	Technical Standard L1. Measuring Air Permeability of Building Envelopes (Dwellings)
ATTMA-TSL2	Technical Standard L2. Measuring Air Permeability of Building Envelopes (Non-Dwellings)
BS EN 15004-1	Gaseous fire-extinguishing systems - Physical properties and system design "Door fan test for determining of minimum hold time"
ISO 4624	Pull-off test for adhesion
ISO 9972	Thermal performance of buildings -Determination of air permeability of buildings - Fan pressurization method
ISO/DIS 14520-1	Gaseous fire-extinguishing systems - Physical properties and system design "Door fan test for determining of minimum hold time"
NFPA 2001 Annex C	Standard on Clean Agent Fire Extinguishing Systems
USACE	U.S. Army Corps of Engineers Air Leakage Test Protocol for Building Envelopes
Geotechnical	
ASTM D1586	Standard Test Method for Standard Penetration Test (SPT) and Split-Barrel Sampling of Soils
ASTM D5334	Standard Test Method for Determination of Thermal Conductivity of Soil and Rock by Thermal Needle Probe Procedure

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ASTM G57	Standard Test Method for Measurement of Soil Resistivity Using the Wenner Four-Electrode Method
BS EN 5930	Code of Practice for Ground Investigations
Chemical and Environmental	
APHA 2130 B; 24 th edition	Turbidity (Nephelometric Method)
APHA 2320 B: 24 th edition	Total Alkalinity (Titration Method)
APHA 2540 C: 24 th edition	water and wastewater, Determination of TDS
APHA 2550: 24 th edition	Temperature (Laboratory and Field Methods)
APHA 3500-Ca B: 24 th edition	Calcium Hardness (EDTA Titrimetric Method)
APHA 4500 H ⁺ : 24 th edition	pH (Electrometric Method)
APHA 4500-O G: 24 th edition	Dissolved oxygen (Membrane Electrode Method)
APHA 5520 B: 24 th edition	Oil & Grease (Partition-Gravimetric Method)
APHA 5520 F: 24 th edition	Petroleum Hydrocarbons
ASTM C1603	Standard Test Method for Measurement of Solids in Water
ASTM D512	Chloride Cl (Argentometric Method)
ASTM D516	Standard Test Method for Sulfate Ion in Water
ASTM D5907	Standard Test Methods for Filterable Matter (Total Dissolved Solids) and Nonfilterable Matter (Total Suspended Solids) in Water
ASTM C1524	Standard Test Method for Water-Extractable Chloride in Aggregate (Soxhlet Method)
ASTM C 289	Standard Test Method for Potential Alkali-Silica Reactivity of Aggregates (Chemical Method) (Withdrawn 2016)
ASTM C1152	Standard Test Method for Acid-Soluble Chloride in Mortar and Concrete
ASTM C1218	Standard Test Method for Water-Soluble Chloride in Mortar and Concrete
ASTM C1582	Standard Test Method for Acid-Soluble Chloride in Mortar and Concrete
BS 1881-124	Testing Concrete - Methods for analysis of hardened concrete
ASTM D1411	Standard Test Methods for Water-Soluble Chlorides Present as Admixtures in Graded Aggregate Road Mixes (Withdrawn 2018)
ASTM D4972	Standard Test Methods for pH of Soils
ASTM D5268	Specification for Topsoil Used for Landscaping and Construction Purposes
BS 1377-3:2018 +A1:2021	Methods of test for soils for civil engineering purposes. Part 3: Chemical and electro-chemical tests, Cl. 4 – Organic Matter Content of Soil

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BS 1377-3:2018 +A1:2021	Methods of test for soils for civil engineering purposes. Part 3: Chemical and electro-chemical tests, Cl. 6 – Loss on ignition
BS 1377-3:2018 +A1:2021	Methods of test for soils for civil engineering purposes. Part 3: Chemical and electro-chemical tests, Cl. 7.3 – Water soluble sulphate
BS 1377-3:2018 +A1:2021	Methods of test for soils for civil engineering purposes. Part 3: Chemical and electro-chemical tests, Cl. 7.9– Acid soluble sulphate
BS 1377-3:2018 +A1:2021	Methods of test for soils for civil engineering purposes. Part 3: Chemical and electro-chemical tests, Cl. 9.2 – Water soluble chloride
BS 1377-3:2018 +A1:2021	Methods of test for soils for civil engineering purposes. Part 3: Chemical and electro-chemical tests, Cl. 9.3 – Acid soluble chloride
BS 1377-3:2018 +A1:2021	Methods of test for soils for civil engineering purposes. Part 3: Chemical and electro-chemical tests, Cl. 12.0 – pH
BS EN 933-9	Tests for Geometrical Properties of Aggregates - Assessment of Fines. Methylene Blue Test
BS EN 1744-1	Tests for chemical properties of aggregates - Chemical analysis
Tiles/ Dimension Stone/ Marble	
ASTM C97	Standard Test Methods for Absorption and Bulk Specific Gravity of Dimension Stone
ASTM C170	Standard Test Method for Compressive Strength of Dimension Stone
Steel	
ASTM A370	Standard Test Methods and Definitions for Mechanical Testing of Steel Products - Tension (Section 6 to 14) & Bending (Section 15)
ASTM A416	Standard Specification for Low-Relaxation, Seven-Wire Steel Strand for Prestressed Concrete
ASTM A615	Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement
ASTM A1034	Standard Test Methods for Testing Mechanical Splices for Steel Reinforcing Bars
ASTM A1061	Standard Test Methods for Testing Multi-Wire Steel Prestressing Strand
ASTM E8	Standard Test Methods for Tension Testing of Metallic Materials
ATM E110	Standard Test Method for Rockwell and Brinell Hardness of Metallic Materials by Portable Hardness Testers
ASTM E290	Standard Test Methods for Bend Testing of Material for Ductility
ASTM E415	Standard Test Method for Analysis of Carbon and Low-Alloy Steel by Spark Atomic Emission Spectrometry
ASTM F606	Standard Test Methods for Determining the Mechanical Properties of Externally and Internally Threaded Fasteners, Washers, Direct Tension Indicators, and Rivets
BS 7123	Specification for Metal Arc Welding of Steel for Concrete Reinforcement
BS 4449:2005+A3:2016	Tensile, Bend, Rebend of Steel for the Reinforcement of Concrete. Weldable Reinforcing Steel. Bar, Coil and Decoiled Product
BS EN ISO 6892-1	Metallic Materials - Tensile Testing Part 1: Method of Test at Room Temperature
BS EN ISO 17660	Welding of Reinforcing steel. Load-Bearing Welded Joints
ISO 898-1	Mechanical Properties of Fasteners Made of Carbon Steel and Alloy Steel Part 1: Bolts, Screws and Studs with Specified Property Classes

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ISO 898-2	Mechanical Properties of Fasteners Made of Carbon Steel and Alloy Steel Part 2: Nuts with Specified Property Classes
ISO 15630-1	Steel for The Reinforcement and Prestressing of Concrete

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