Miami-Dade County, Florida
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURSCES
BOARD AND CODE ADMINISTRATION DIVISON
PRODUCT CONTROL SECTION
11805 S.W. 26 Street-Room 208
Miami, Florida 33175-2474
T (786) 315-2590 Fax (786) 315-2599

Laboratory Certificate

This certifies that SGS Tec Services, Inc. located at 235 Buford Dr., Lawrenceville, GA 30046 is an approved Testing Laboratory in accordance with Miami-Dade County Department of Regulatory and Economic Resources and Protocol TAS301-94, and is Certified to perform the following tests:

A2LA Certificate Number 3767-01
A2LA Certificate Number 3767-02
US Army Corps of Engineers Certificate of Laboratory Validation - Materials Testing Center (AASHTO R 18)

Results of the above mentioned test shall be properly submitted to the Miami-Dade County Department of Regulatory and Economic Resources per TAS301-94, along with all other documentation required for the approval of products. Approved engineer(s) for this laboratory:

Brian James, Wolfe, P.E.

This Certification and Registration Approved: **July 18, 2024**
This Certification and Registration Expires : **November 18, 2026**

Certification No. : **24-0603.06** *Revises: 21-1012.01*

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
Product Control Section

Americo Segura, M.S., CGC
Quality Assurance Unit Supervisor
Product Control Section

The Miami-Dade County Department of Regulatory and Economic Resources reserves the right to remove this certification for non-compliance with rules and regulations as set by Protocol TAS301-94.

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SGS TEC SERVICES, INC
235 Buford Drive
Lawrenceville, GA 30046
Shawn McCormick Phone: 770-995-8000

Valid To: April 30, 2025 Certificate Number: 3767.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory for:

CONSTRUCTION MATERIALS ENGINEERING

ASTM: E329 (Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection)

CONSTRUCTION MATERIALS TESTING

Test Method:	**Test Description:**
Aggregate:	
ASTM C117	Materials finer than 75-um (No. 200) Sieve in Mineral Aggregates by Washing
ASTM C127/C127M	Standard Test Method for Relative Density (Specific Gravity) and Absorption of Coarse Aggregate
ASTM C128/C128M	Standard Test Method for Relative Density (Specific Gravity) and Absorption of Fine Aggregate
ASTM C136/C136M	Sieve Analysis of Fine and Coarse Aggregates
ASTM C586	Potential Alkali Reactivity of Carbonate Rocks as Concrete Aggregates (Rock-Cylinder Method)
ASTM C702/C702M	Reducing Samples of Aggregate to Testing Size
ASTM C1105	Length Change of Concrete Due to Alkali-Carbonate Rock Reaction
ASTM C1293	Determination of Length Change of Concrete Due to Alkali-Silica Reaction
ASTM D75/D75M	Sampling Aggregates
Material Specifications for Aggregate:[1] ASTM C33	
Cement:	
ASTM C109/C109M	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-mm] Cube Specimens)
ASTM C114	Standard Test Methods for Chemical Analysis of Hydraulic Cement
ASTM C151/C151M	Autoclave Expansion of Hydraulic Cement
ASTM C157/C157M	Length Change of Hardened Hydraulic-Cement Mortar and Concrete
ASTM C183	Standard Practice for Sampling and the Amount of Testing of Hydraulic Cement

Test Method:	**Test Description:**
ASTM C185	Air Content of Hydraulic Cement Mortar
ASTM C187	Amount of Water Required for Normal Consistency of Hydraulic Cement Paste
ASTM C188	Standard Test Method for Density of Hydraulic Cement
ASTM C191	Time of Setting of Hydraulic Cement by Vicat Needle
ASTM C204	Fineness of Hydraulic Cement by Air-Permeability Apparatus
ASTM C227	Potential Alkali Reactivity of Cement-Aggregate Combinations (Mortar-Bar Method)
ASTM C226	Air-Entraining Additions for Use in the Manufacture of Air-Entraining Hydraulic Cement
ASTM C266	Standard Test Method for Time of Setting of Hydraulic-Cement Paste by Gillmore Needles
ASTM C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency
ASTM C430	Fineness of Hydraulic Cement by the 45-µm (No. 325) Sieve
ASTM C441	Effectiveness of Pozzolans or Ground Blast-Furnace Slag in Preventing Excessive Expansion of Concrete Due to the Alkali-Silica Reaction
ASTM C451	Early Stiffening of Hydraulic Cement (Paste Method)
ASTM C596	Drying Shrinkage of Mortar Containing Hydraulic Cement
ASTM C827	Change in Height at Early Ages of Cylindrical Specimens of Cementitious Mixtures
ASTM C1090	Measuring Changes in Height of Cylindrical Specimens of Hydraulic-Cement Grout
ASTM C1012/C1012M	Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution
ASTM C1038/C1038M	Expansion of Hydraulic Cement Mortar Bars Stored in Water
ASTM C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)
ASTM C1324	Examination and Analysis of Hardened Masonry Mortar
ASTM C1365	Determination of the Proportion of Phases in Portland Cement and Portland-Cement Clinker Using X-Ray Powder Diffraction Analysis
ASTM C1437	Flow of Hydraulic Cement Mortar
ASTM 1506	Standard Test Method for Water Retention of Hydraulic Cement-Based Mortars and Plasters
ASTM C1556	Determining the Apparent Chloride Diffusion Coefficient of Cementitious Mixtures by Bulk Diffusion
ASTM C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)
ASTM C1702	Measurement of Heat of Hydration of Hydraulic Cementitious Materials Using Isothermal Conduction Calorimetry
Material Specifications for Cement:[1] ASTM C10, C91, C150, C270, C465, C593, C595, C845, C1157, C1329 & C1600	
Material Specification for Processing Additions for Use in the Manufacture of Hydraulic Cements[1] ASTM C465	

Test Method:	**Test Description:**
Material Specification for Silica Fume Used in Cementitious Mixtures ASTM C1240	
Material Mixing Water Used in the Production of Hydraulic Cement Concrete ASTM C1602	
Concrete:	
ASTM C39/C39M	Compressive Strength of Concrete Cylindrical Concrete Specimens
ASTM C42/42M	Obtaining & Testing Drilled Cores & Sawed Beams of Concrete
ASTM C78/78M	Flexural Strength of Concrete
ASTM C138/C138M	Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
ASTM C143/C143M	Slump of Hydraulic-Cement Concrete
ASTM C157/C157M	Length Change of Hardened Hydraulic-Cement Mortar & Concrete
ASTM C172C172M	Sampling Freshly Mixed Concrete
ASTM C173/C173	Air Content of Freshly Mixed Concrete by the Volumetric Method
ASTM C192/C192M	Making & Curing Concrete Test Specimens in the Laboratory
ASTM C231/C231M	Air Content of Freshly Mixed Concrete by the Pressure Method
ASTM C234[2] (Withdrawn 2000)	Comparing Concretes on the Basis of the Bond Developed with Reinforcing Steel
ASTM C293/C293M	Standard Test Method for Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)
ASTM C403/C403M	Time of Setting of Concrete by Penetration Resistance
ASTM C452	Standard Test Method for Potential Expansion of Portland-Cement Mortars Exposed to Sulfate
ASTM C457	Microscopical Determination of Parameters of the Air-Void System in Hardened Concrete
ASTM C496	Splitting Tensile Strength of Cylindrical Concrete Specimens
ASTM C617/C617M	Capping Cylindrical Concrete Specimens
ASTM C642	Density, Absorption, and Voids in Hardened Concrete
ASTM C666/C666M	Resistance of Concrete to Rapid Freezing & Thawing
ASTM C672/C672M	Scaling Resistance of Concrete Surfaces Exposed to Deicing Chemicals
ASTM C856	Petrographic Examination of Hardened Concrete
ASTM C939	Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method)
ASTM C1018[2] (Withdrawn 2006)	Flexural Toughness & First Crack Strength of Fiber Reinforced Conc.
ASTM C1064/C1064M	Temperature of Freshly Mixed Hydraulic-Cement Concrete
ASTM C1152/1152M	Standard Test Method for Acid-Soluble Chloride in Mortar and Concrete
ASTM C1218/1218M	Standard Test ethod for Water-Soluble Chloride in Mortar and Concrete
ASTM C1231/C1231M	Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders

Test Method:	**Test Description:**
ASTM C1399/C1399M	Obtaining Average Residual-Strength of Fiber-Reinforced Concrete
ASTM C1506	Water Retention of Hydraulic Cement-Based Mortars and Plasters
ASTM C1557	Tensile Strength & Young's Modulus of Fibers
ASTM C1579	Standard Test Method for Evaluating Plastic Shrinkage Cracking of Restrained Fiber Reinforced Concrete (Using a Steel Form Insert)
ASTM C1581/C1581M	Standard Test Method for Determining Age at Cracking and Induced Tensile Stress Characteristics of Mortar and Concrete under Restrained Shrinkage
ASTM C1583/C1583M	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 C1609/C1609M	Flexural Performance of Fiber-Reinforced Concrete
ASTM C1812/C1812M	Standard Practice for Design of Journal Bearing Supports to be used in Fiber Reinforced Concrete Beam Tests
ASTM D7508	Standard Specifications for Polyolefin Chopped Strands for Use in Concrete
AC383	Polyolefin Chopped Strands for Use in Concrete
EN-480	Admixture for Concrete, Determination of water-soluble chloride content
EN-12390-8-2009	Testing hardened concrete - Part 8 - Depth of penetration of water under pressure
EN-14651	Metallic fibered concrete - Measuring the flexural tensile strength (limit of proportionality (LOP), residual
Material Specifications for Concrete:[1] C94, C260, C387, C494, C618, C928, C989, C1017, C1107, C1240, C1436, C1480 & C1697	
Material Specification for Ground-Glass Pozzolan for Use in Concrete ASTM C1866	
Concrete Coatings:	
ASTM E96/E96M	Water Vapor Transmission of Materials
ASTM D4060	Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abrase
Precast Stone Veneer:	
ASTM C67	Sampling and Testing Brick and Structural Clay Tile
ASTM C190[2] (Withdrawn 1990)	Tensile Strength of Hydraulic Cement Mortars
ASTM C348	Flexural Strength of Hydraulic-Cement Mortars
ASTM C482	Bond Strength of Ceramic Tile to Portland Cement Paste
ASTM C67, Section 16	Sampling and Testing Brick and Structural Clay Tile: Initial Rate of Absorption (Suction) – Field Test

Test Method:	**Test Description:**
Water Resistant Cementitious Coatings:	
ASTM C297/C297M	Flatwise Tensile Strength of Sandwich Constructions
ASTM D2247	Testing Water Resistance of Coatings in 100% Relative Humidity
ASTM E2485/E2485M	Freeze/Thaw Resistance of Exterior Insulation and Finish Systems (EIFS) and Water Resistive Barrier Coatings
Anchors in Concrete Elements:	
ASTM C882/C882M	Bond Strength of Epoxy-Resin Systems Used With Concrete By Slant Shear
ASTM E488/E488M	Strength of Anchors in Concrete Elements
ASTM E1512	Testing Bond Performance of Bonded Anchors
Dimensional Stone:	
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 C170/C170M	Standard Test Method for Compressive Strength of Dimension Stone
ASTM C241/C241M	Standard Test Method for Abrasion Resistance of Stone Subjected to Foot Traffic
ASTM C880/C880M	Standard Test Method for Flexural Strength of Dimension Stone
ASTM C1353/C1353M	Standard Test Method for Abrasion Resistance of Dimension Stone Subjected to Foot Traffic Using a Rotary Platform Abraser
Epoxy Resin Base Bonding Systems:	
ASTM C307	Tensile Strength of Chemical-Resistant Mortar, Grouts, and Monolithic Surfacing, chemical resistant, grout, monolithic surfacing, mortar, tensile strength
ASTM C531	Linear Shrinkage and Coefficient of Thermal Expansion of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes
ASTM C579	Compressive Strength of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes
ASTM C580	Flexural Strength and Modulus of Elasticity of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concrete
ASTM C884	Thermal Compatibility Between Concrete and an Epoxy-Resin Overlay
ASTM D412 (Test Method A)	Vulcanized Rubber and Thermoplastic Elastomers – Tension
ASTM D570	Water Absorption of Plastics
ASTM D624	Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers
ASTM D638	Tensile Properties of Plastics

Test Method:	**Test Description:**
ASTM D648	Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position
ASTM D695	Compressive Properties of Rigid Plastics
ASTM D790	Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
ASTM D2196	Rheological Properties of Non-Newtonian Materials by Rotational Viscometer
ASTM D2240	Rubber Property – Durometer Hardness
ASTM D2393	Viscosity of Epoxy Resins and Related Components
ASTM D2471	Gel Time and Peak Exothermic Temperature of Reacting Thermosetting Resins
ASTM D2556	Apparent Viscosity of Adhesives Having Shear-Rate-Dependent Flow Properties Using Rotational Viscometry
ASTM D2566	Linear Shrinkage of Cured Thermosetting Casting Resins During Cure
ASTM E488	Strength of Anchors in Concrete Elements
ASTM E1252	General Techniques for Obtaining Infrared Spectra for Qualitative Analysis
Material Specifications for Epoxy Resin Base Bonding Systems:[1] ASTM C881/C881M	
Soils:	
ASTM D6913	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis
Water:	
ASTM D512	Chloride Ion in Water
ASTM D516	Sulfate Ion in Water
ASTM D1293	pH in Water
ASTM C1603	Measurement of Solids in Water
Plastics:	
ASTM D1921	Particle Size (Sieve Analysis) of Plastic Materials
ASTM E2651	Powder Particle Size Analysis
Polymer:	
ASTM D7205/D7205M	Tensile Properties of Fiber Reinforced Polymer Matrix Composite Bars

[1] 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. 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.

[2] 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.

The laboratory is only accredited for the test methods listed above. The accredited test methods are used in determining compliance with the guide and/or acceptance criteria listed below. The inclusion of this guide and/or acceptance criteria on this Scope does not confer laboratory accreditation to the guide and/or acceptance criteria nor does it confer accreditation for the method(s) embedded within them.

AC51	Acceptance Criteria for Precast Stone Veneer
AC32	Acceptance Criteria for Concrete with Synthetic Fibers
AC208	Acceptance Criteria for Concrete with Steel Fibers
AC212 (Section 4)	Acceptance Criteria for Water-resistive Coatings Used as Water-resistive Barriers over Exterior Sheathing
AC383	Acceptance Criteria for Polyolefin Chopped Strands for Use in Concrete
AC459	Acceptance Criteria for Proprietary Hydraulic Cement
ASTM C295/C295M	Guide for Petrographic Examination of Aggregates for Concrete

Accredited Laboratory

A2LA has accredited

SGS TEC SERVICES, INC.

Lawrenceville, GA

for technical competence in the field of

Construction Materials Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 15th day of August 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3767.01
Valid to April 30, 2025

For the tests to which this accreditation applies, please refer to the laboratory's Construction Materials Scope of Accreditation.

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SGS TEC SERVICES, INC
235 Buford Drive
Lawrenceville, GA 30046
Shawn McCormick Phone: 770-995-8000

MECHANICAL

Valid To: April 30, 2025 Certificate Number: 3767.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on treestands and fall arrest systems:

Test Method:	**Test Descriptions(s):**
ASTM F2128	Treestand Repetitive Loading Capability
ASTM F2337	Treestand Fall Arrest System
ASTM F3545	Standard Test Method for Static Loading of Treestands, Climbing Sticks, and Tripod or Tower Stands

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

ASTM F1749	Specification for Fitness Equipment and Fitness Facility Safety Signage and Labels
ASTM F2123	Practice for Treestand Instructions
ASTM F2275	Practice for Treestand Manufacturer Quality Assurance Program
ASTM F3249	Standard Specification for Tree Stands, Climbing Sticks, and Tripod or Tower Stands

5202 Presidents Court, Suite 220 | Frederick, MD 21703-8398 | Phone: 301 644 3248 | Fax: 240 454 9449 | www.A2LA.org

Accredited Laboratory

A2LA has accredited

SGS TEC SERVICES, INC.

Lawrenceville, GA

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 15th day of August 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3767.02
Valid to April 30, 2025

For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.

MTC
MATERIALS TESTING CENTER

USACE CERTIFICATE OF LABORATORY VALIDATION

ERDC
ENGINEER RESEARCH & DEVELOPMENT CENTER

SGS TEC Services, Inc.

235 Buford Drive
Lawrenceville, GA, United States
David Keyton
(770) 500-6824

has demonstrated, by abbreviated audit of its AASHTO accreditation, or by inspection of required records, equipment, procedures, facilities, and/or final reports, its proficiency to perform testing of construction materials, as established by the quality standards of AASHTO R 18 guidance and the requirements of the applicable ASTM standards.

THIS USACE CERTIFICATE OF LABORATORY VALIDATION IS ACCURATE AS OF ITS DATE AND TIME OF GENERATION:
18 JUL 2024 AT 08:51 HOURS

ALL METHODS LISTED ON THIS CERTIFICATE OF VALIDATION WILL EXPIRE ON 08/08/2024

PLEASE CONFIRM THE CURRENT VALIDATION STATUS OF THIS LABORATORY USING THE SEARCH FEATURE ON OUR PUBLIC WEBSITE: https://mtc.erdc.dren.mil

Chad A. Gartrell, PE, Director
USACE Materials Testing Center
Vicksburg, Mississippi, USA

AGGREGATE

Aggregate - C 29 - Unit Weight and Voids in Aggregate
Aggregate - C 40 - Organic Impurities
Aggregate - D 75 - Sampling
Aggregate - C 87 - Effects of Organic Impurities on Mortar Strength
Aggregate - C 88 - Sulfate Soundness
Aggregate - C 117 - Material Finer than 75 µm (No. 200) Sieve
Aggregate - C 123 - Lightweight Particles
Aggregate - C 127 - Specific Gravity & Absorption in Coarse Aggregate
Aggregate - C 128 - Specific Gravity & Absorption in Fine Aggregate
Aggregate - C 131 - Los Angeles Abrasion Resistance on Small-Size Coarse Aggregate
Aggregate - C 136 - Sieve Analysis of Aggregates
Aggregate - C 142 - Clay Lumps
Aggregate - C 295 - Petrographic Examination
Aggregate - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
Aggregate - C 535 - Los Angeles Abrasion Resistance on Large Size Coarse Aggregate
Aggregate - C 566 - Total Moisture Content
Aggregate - C 641 - Staining Materials in Lightweight Aggregates
Aggregate - C 702 - Reducing Samples to Testing Size
Aggregate - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Aggregate - C 1252 - Uncompacted Void Content of Fine Aggregate (as influenced by particle shape, surface texture, and grading)
Aggregate - D 2419 - Sand Equivalent Value
Aggregate - D 4791 - Flat and Elongated Particles in Course Aggregate
Aggregate - D 5821 - Percentage of Fractured Particles in Coarse Aggregate

CEMENT

Cement - C 151 - Autoclave Expansion of Hydraulic Cement
Cement - C 183 - Sampling and the Amount of Testing of Hydraulic Cement
Cement - C 187 - Amount of Water Required for Normal Consistency of Hydraulic Cement Paste

Cement - C 191 - Time of Setting of Hydraulic Cement by Vicat Needle
Cement - C 266 - Time of Setting of Hydraulic-Cement Paste by Gillmore Needles
Cement - C 348 - Flexural Strength of Hydraulic-Cement Mortars
Cement - C 596 - Drying Shrinkage of Mortar Containing Hydraulic Cement
Cement - C 1012 - Length Change of Hydraulic Cement Mortars Exposed to a Sulfate Solution
Cement - C 1038 - Expansion of Hydraulic Cement Mortar Bars Stored in Water
Cement - C 1222 - Evaluation of Laboratories Testing Hydraulic Cement
Cement - C 1702 - Heat of Hydration of Hydraulic Cement Materials Using Isothermal Conduction Calorimetry

CONCRETE

Concrete - C 31 - Making and Curing Test Specimens in the Field
Concrete - C 39 - Compressive Strength of Cylindrical Specimens
Concrete - C 42 - Drilled Cores and Sawed Beams
Concrete - CRD 48 - Water Permeability of Concrete
Concrete - C 78 - Flexural Strength by Third Point Loading
Concrete - C 138 - Unit Weight and Air Content by Gravimetric
Concrete - C 143 - Slump
Concrete - C 157 - Length Change of Concrete and Mortars
Concrete - C 172 - Sampling
Concrete - C 173 - Air Content by Volumetric ***required if C231 not performed***
Concrete - C 192 - Making and Curing Test Specimens in Laboratory
Concrete - C 215 - Fundamental Frequencies of Concrete
Concrete - C 231 - Air Content by Pressure ***required if C173 not performed***
Concrete - C 232 - Bleeding of Concrete
Concrete - C 293 - Flexural Strength by Center Point Loading
Concrete - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
Concrete - C 403 - Time of Setting by Penetration Resistance
Concrete - C 418 - Abrasion Resistance by Sand Blasting
Concrete - C 457 - Air-Void System by Microscopic Determination
Concrete - C 469 - Static Modulus of Elasticity and Poisson’s Ratio
Concrete - C 496 - Splitting Tensile Strength
Concrete - C 511 - Moist Cabinets, Moist Rooms, Water Storage Tanks
Concrete - C 512 - Creep of Concrete in Compression
Concrete - C 567 - Unit Mass of Structural Lightweight Concrete
Concrete - C 597 - Pulse Velocity Through Concrete
Concrete - C 617 - Capping Cylindrical Specimens
Concrete - C 642 - Density, Absorption, and Voids
Concrete - C 666 - Freezing & Thawing Concrete Specimens
Concrete - C 672 - Scaling Resistance by Deicing Chemicals
Concrete - C 684 - Making, Accel Curing, and Testing Concrete Compression Specimens (Withdrawn 2012)
Concrete - C 779 - Abrasion Resistance of Horizontal Surfaces
Concrete - C 805 - Rebound Number of Hardened Concrete
Concrete - C 827 - Change in Height at Early Ages of Cylindrical Specimens of Cementitious Mixtures
Concrete - C 856 - Petrographic Examination of Hardened Concrete
Concrete - C 878 - Restrained Expansion of Shrinkage-Compensating Concrete
Concrete - C 882 - Bond Strength of Epoxy-Resin Systems Used With Concrete By Slant Shear
Concrete - C 939 - Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method)
Concrete - C 942 - Compressive Strength of Grouts for Preplaced-Aggregate Concrete in the Lab
Concrete - C 944 - Abrasion Resistance by Rotating-Cutter Method
Concrete - C 1064 - Temperature of Concrete
Concrete - C 1074 - Estimating Concrete Strength by Maturity Method
Concrete - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Concrete - C 1090 - Changes in Ht of Cylindrical Specs of Hyd
Concrete - C 1152 - Acid-Soluble Chloride in Concrete
Concrete - C 1202 - Electrical Indication of Concrete to Resist Chloride Ion
Concrete - C 1218 - Water-Soluble Chloride in Concrete
Concrete - C 1231 - Unbonded Caps
Concrete - C 1383 - Measuring P-Wave Speed and Thickness of Concrete Plates Using Impact-Echo Method
Concrete - C 1399 - Average Residual-Strength of Fiber-Reinforced Concrete
Concrete - C 1542 - Measuring Length of Concrete Cores
Concrete - C 1550 - Flexural Toughness of Fiber-Reinforced Concrete (Centrally Loaded Round Panel)
Concrete - C 1567 - Potential Alkali Silica Reactivity Cementitious Materials and Aggregate Accelerated Mortar Bar Method
Concrete - C 1579 - Evaluating Plastic Shrinkage Cracking of Restrained Fiber Reinforced Concrete (Steel Form Insert)
Concrete - C 1581 - Determining Age at Cracking and Induced Tensile Stress Characteristics of Mortar and Concrete Under Restrained Shrinkage
Concrete - C 1583 - Tensile Strength - Conc Surfaces - Concrete Repair Overlay - Direct Tension (Pull-off Method)
Concrete - C 1603 - Method for Measurement of Solids in Water (Concrete Mixing)
Concrete - C 1609 - Flexural Performance of Fiber-Reinforced Concrete Beam (3rd Point Loading)
Concrete - C 1610 - Static Segregation of Self-Consolidating Concrete Using Column Technique
Concrete - C 1611 - Slump Flow of Self-Consolidating Concrete
Concrete - C 1621 - Passing Ability of Self-Consolidating Concrete by J-Ring
Concrete - C 1712 - Rapid Assessment of Static Segregation Resistance of Self-Consolidating Concrete (Penetration Test)
Concrete - C 1741 - Bleed Stability of Cementitious Post-Tensioning Tendon Grout
Concrete - D 4832 - Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders
Concrete - D 6023 - Density (Unit Weight), Yield, Cement Content, and Air Content (Gravimetric) of Controlled Low-Strength Material
Concrete - D 6103 - Flow Consistency of Controlled Low Strength Material

MASONRY

Masonry - C 109 - Compressive Strength of Cement Mortars Using Cube Specimens
Masonry - C 185 - Air Content of Hydraulic Cement Mortar
Masonry - C 305 - Mechanical Mixing of Cement Pastes & Mortars of Plastic Consistency
Masonry - C 511 - Mixing Rooms, Moist Cabinets, Cure Tanks
Masonry - C 1019 - Sampling and Testing Grout
Masonry - C 1403 - Rate of Water Absorption of Masonry Mortars
Masonry - C 1437 - Flow of Hydraulic Cement Mortar
Masonry - C 1506 - Water Retention of Hydraulic Cement-Based Mortars and Plasters

ROCK

Rock - D 5240 - Evaluating Durability of Rock for Erosion Control Using Sodium Sulfate or Magnesium Sulfate
Rock - D 5312 - Durability of Rock to Freezing and Thawing
Rock - D 5313 - Durability of Rock to Wetting and Drying