



CERTIFICATE OF ACCREDITATION



SGS TEC Services, Inc.

in

Lawrenceville, Georgia, USA

has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories (aashtoresource.org).

A handwritten signature in black ink, appearing to read 'Jim Tymon', written over a horizontal line.

Jim Tymon,
AASHTO Executive Director

A handwritten signature in black ink, appearing to read 'Matt Linneman', written over a horizontal line.

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 05/26/2026 at 12:40 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:
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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	12/15/2004
ISO/IEC 17025	General Requirements for the Competence of Testing and Calibration Laboratories	06/01/2010
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1222 (Cement)	Evaluation of Laboratories Testing Hydraulic Cement	01/10/2011
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/12/2014
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/12/2014



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Rock

Standard:

Accredited Since:

D5240 Evaluation of Durability of Rock for Erosion Control Using Sodium Sulfate or Magnesium Sulfate	05/31/2017
D5312 Evaluation of Durability of Rock for Erosion Control Under Freezing and Thawing Conditions	05/31/2017
D5313 Durability of Rock for Erosion Control Under Wetting and Drying Conditions	05/31/2017



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Aggregate

Standard:

Accredited Since:

T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	07/18/2022
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	12/15/2004
C40	Organic Impurities in Fine Aggregates for Concrete	12/15/2004
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	01/01/2011
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	12/15/2004
C123	Lightweight Pieces in Aggregate	08/12/2014
C127	Specific Gravity and Absorption of Coarse Aggregate	12/15/2004
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	12/15/2004
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	12/15/2004
C136	Sieve Analysis of Fine and Coarse Aggregates	06/02/2011
C142	Clay Lumps and Friable Particles in Aggregate	12/15/2004
C295	Petrographic Examination of Aggregates for Concrete	02/07/2017
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	12/15/2004
C566	Total Moisture Content of Aggregate by Drying	12/15/2004
C641	Iron Staining Materials in Lightweight Concrete Aggregates	08/12/2014
C702	Reducing Samples of Aggregate to Testing Size	12/15/2004
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	08/12/2014
D75	Sampling Aggregate	08/12/2014
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	07/09/2019
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	08/12/2014
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	02/07/2017
CRD-C130	Estimating Scratch Test Hardness of Coarse Aggregate Particles	07/09/2019



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Iron and Steel

Standard:

Accredited Since:

A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	02/07/2017
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	02/07/2017
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	02/07/2017
A615-E290 Carbon-Steel Bars, Deformed and Plain: Bend Test	07/09/2019
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Elongation)	02/07/2017
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	02/07/2017
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Yield Strength)	02/07/2017
A706-E290 Low Alloy Steel Bars, Deformed and Plain: Bend Test	07/09/2019



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Cementitious Material - Chemical Tests

Standard:

Accredited Since:

C114 Aluminum Oxide – X-Ray Fluorescence	02/07/2017
C114 Calcium Oxide – X-Ray Fluorescence	02/07/2017
C114 Carbon Dioxide – Leco Furnace	02/10/2026
C114 Chloride – Reference	02/10/2026
C114 Ferric Oxide – X-Ray Fluorescence	02/07/2017
C114 Insoluble Residue – Reference	02/07/2017
C114 Loss on Ignition – LECO Furnace	02/10/2026
C114 Magnesium Oxide – X-Ray Fluorescence	02/07/2017
C114 Manganic Oxide – X-Ray Fluorescence	02/07/2017
C114 Phosphorus Pentoxide – X-Ray Fluorescence	02/07/2017
C114 Potassium Oxide – X-Ray Fluorescence	02/07/2017
C114 Silicon Dioxide – X-Ray Fluorescence	02/07/2017
C114 Sodium Oxide – X-Ray Fluorescence	02/07/2017
C114 Sulfur Trioxide – X-Ray Fluorescence	02/07/2017
C114 Titanium Dioxide – X-Ray Fluorescence	02/07/2017
C114 Zinc Oxide – X-Ray Fluorescence	02/07/2017



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Cement - Physical Tests

Standard:	Accredited Since:
C109 Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	12/15/2004
C151 Autoclave Expansion of Hydraulic Cement	12/15/2004
C157 Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	02/10/2026
C183 Sampling and the Amount of Testing of Hydraulic Cement	12/15/2004
C185 Air Content of Hydraulic Cement Mortar	12/15/2004
C187 Normal Consistency of Hydraulic Cement	12/15/2004
C188 Density of Hydraulic Cement	07/09/2019
C191 Time of Setting of Hydraulic Cement by Vicat Needle	12/15/2004
C204 Fineness of Hydraulic Cement by Air Permeability Apparatus	12/15/2004
C266 Time of Setting of Hydraulic-Cement Paste by Gillmore Needles	02/07/2017
C305 Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	12/15/2004
C348 Flexural Strength of Hydraulic-Cement Mortars	08/12/2014
C430 Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	12/15/2004
C451 Early Stiffening of Hydraulic Cement (Paste Method)	12/15/2004
C452 Potential Expansion of Portland-Cement Mortars Exposed to Portland Cement	02/07/2017
C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	02/28/2013
C596 Drying Shrinkage of Mortar Containing Hydraulic Cement	08/12/2014
C1012 Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution	12/15/2004
C1038 Expansion of Hydraulic Cement Mortar Bars Stored in Water	08/12/2014
C1437 Flow of Hydraulic Cement Mortar	12/15/2004
C1506 Water Retention of Hydraulic Cement-Based Mortars and Plasters	12/15/2004
C1702 Measurement of Heat of Hydration of Hydraulic Cementitious Materials Using Isothermal Conduction Calorimetry	06/23/2020



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Concrete

Standard:		Accredited Since:
T336	Coefficient of Thermal Expansion of Hydraulic Cement Concrete	02/09/2017
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	12/15/2004
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/15/2004
C39	Compressive Strength of Cylindrical Concrete Specimens	12/15/2004
C42 (Drilling Cores of Concrete)	Drilling Cores of Concrete	12/15/2004
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	12/15/2004
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	12/15/2004
C87	Effect of Organic Impurities in Fine Aggregate on Strength of Mortar	12/15/2004
C138	Density (Unit Weight), Yield, and Air Content of Concrete	12/15/2004
C143	Slump of Hydraulic Cement Concrete	12/15/2004
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	12/15/2004
C172	Sampling Freshly Mixed Concrete	12/15/2004
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	12/15/2004
C192	Making and Curing Concrete Test Specimens in the Laboratory	12/15/2004
C215	Fundamental Transverse, Longitudinal and Torsional Frequencies of Concrete Specimens	12/15/2004
C227	Potential Alkali Reactivity of Cement-Aggregate Combinations (Mortar-Bar Method)	12/15/2004
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	12/15/2004
C232	Bleeding of Concrete	12/15/2004
C293	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)	08/12/2014
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	07/18/2022
C403	Time of Setting of Concrete Mixtures by Penetration Resistance	12/15/2004
C418	Abrasion Resistance of Concrete by Sandblasting	08/12/2014
C457	Microscopical Determination of Parameters of the Air-Void System in Hardened Concrete	12/15/2004



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Concrete (Continued)

Standard:		Accredited Since:
C469	Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression	12/15/2004
C496	Splitting Tensile Strength of Cylindrical Concrete Specimens	12/15/2004
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	02/28/2013
C512	Creep of Concrete in Compression	02/28/2013
C567	Determining Density of Structural Lightweight Concrete	12/15/2004
C597	Pulse Velocity Through Concrete	07/09/2019
C617 (10000 psi and below)	Capping Cylindrical Concrete Specimens	02/10/2026
C642	Density, Absorption, and Voids in Hardened Concrete	12/15/2004
C666	Resistance of Concrete to Rapid Freezing and Thawing	12/15/2004
C672	Scaling Resistance of Concrete Surfaces Exposed to De-icing Chemicals	12/15/2004
C779	Abrasion Resistance of Horizontal Concrete Surfaces	07/18/2022
C805	Rebound Number of Hardened Concrete	08/12/2014
C827	Change in Height at Early Ages of Cylindrical Specimens of Cementious Mixtures	12/15/2004
C856	Petrographic Examination of Hardened Concrete	11/05/2020
C882	Bond Strength of Epoxy-Resin Systems Used With Concrete By Slant Shear	12/15/2004
C884	Thermal Compatibility Between Concrete and an Epoxy-Resin Overlay	07/09/2019
C939	Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method)	02/10/2026
C944	Abrasion Resistance of Concrete or Mortar Surfaces by the Rotating-Cutter Method	12/15/2004
C1064	Temperature of Freshly Mixed Portland Cement Concrete	12/15/2004
C1074	Estimating Concrete Strength by the Maturity Method	08/12/2014
C1090	Measuring Changes in Height of Cylindrical Specimens of Hydraulic-Cement Grout	04/02/2009
C1105	Length Change of Concrete Due to Alkali-Carbonate Rock Reaction	08/12/2014
C1138	Abrasion Resistance of Concrete (Underwater Method)	02/07/2017



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Concrete (Continued)

Standard:		Accredited Since:
C1140 (Obtaining and Testing Specimens)	Preparing and Testing Specimens from Shotcrete Test Panels	07/18/2022
C1152	Acid-Soluble Chloride in Mortar and Concrete	02/09/2017
C1202	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	12/15/2004
C1218	Water-Soluble Chloride in Mortar and Concrete	02/09/2017
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	02/28/2013
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	12/15/2004
C1293	Determination of Length Change of Concrete Due to Alkali-Silica Reaction	08/12/2014
C1383	Measuring the P-Wave Speed and the Thickness of Concrete Plates Using the Impact-Echo Method	12/15/2004
C1399	Obtaining Average Residual-Strength of Fiber-Reinforced Concrete	12/15/2004
C1437	Flow of Hydraulic Cement Mortar	07/18/2022
C1542	Measuring Length of Concrete Cores	08/12/2014
C1550	Flexural Toughness of Fiber Reinforced Concrete (Using Centrally Loaded Round Panel)	02/07/2017
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	12/15/2004
C1579	Evaluating Plastic Shrinkage Cracking of Restrained Fiber Reinforced Concrete (Using a Steel Form Insert)	02/09/2017
C1581	Determining Age at Cracking and Induced Tensile Stress	02/28/2013
C1583	Tensile Strength of Concrete Surfaces and the Bond Strength or Tensile Strength of Concrete Repair and Overlay Materials by Direct Tension (Pull-off Method)	12/15/2004
C1609	Flexural Performance of Fiber-Reinforced Concrete (Using Beam With Third-Point Loading)	12/15/2004
C1610	Static Segregation of Self-Consolidating Concrete Using Column Technique	08/12/2014
C1611	Slump Flow of Self-Consolidating Concrete	08/12/2014
C1621	Passing Ability of Self-Consolidating Concrete by J-Ring	08/12/2014
C1712	Rapid Assessment of Static Segregation Resistance of Self-Consolidating Concrete Using Penetration Test	08/12/2014
C1741	Bleed Stability of Cementitious Post-Tensioning Tendon Grout	08/12/2014
G109	Determining Effects of Chemical Admixtures on Corrosion of Embedded Steel Reinforcement in Concrete Exposed to Chloride Environments	07/09/2019



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Concrete (Continued)

Standard:

Accredited Since:

CRD-C48	Water Permeability of Concrete	07/18/2022
CRD-C61	Determining the Resistance of Freshly Mixed Concrete to Washing Out in Water	07/09/2019



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Masonry

Standard:

Accredited Since:

C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	04/02/2009
C185	Air Content of Hydraulic Cement Mortar	04/02/2009
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	04/02/2009
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	02/28/2013
C1437	Flow of Hydraulic Cement Mortar	04/02/2009
C1506	Water Retention of Hydraulic Cement-Based Mortars and Plasters	04/02/2009



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Pozzolan

Standard:		Accredited Since:
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	08/12/2014
C151	Autoclave Expansion of Hydraulic Cement	08/12/2014
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	08/12/2014
C185	Air Content of Hydraulic Cement Mortar	02/07/2017
C187	Normal Consistency of Hydraulic Cement	08/12/2014
C188	Density of Hydraulic Cement	08/12/2014
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	08/12/2014
C311 (Loss on Ignition)	Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete (Loss on Ignition)	07/18/2022
C311 (Moisture Content)	Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete (Moisture Content)	02/10/2026
C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	08/12/2014
C441	Effectiveness of Pozzolans or Ground Blast-Furnace Slag in Preventing Excessive Expansion of Concrete Due to the Alkali-Silica Reaction	08/12/2014
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/12/2014
C1012	Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution	08/12/2014
C1437	Flow of Hydraulic Cement Mortar	08/12/2014



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Slag Cement

Standard:

Accredited Since:

C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	08/12/2014
C185	Air Content of Hydraulic Cement Mortar	08/12/2014
C188	Density of Hydraulic Cement	08/12/2014
C204	Fineness of Hydraulic Cement by Air Permeability Apparatus	08/12/2014
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	08/12/2014
C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	08/12/2014
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/12/2014
C1038	Expansion of Hydraulic Cement Mortar Bars Stored in Water	07/09/2019
C1437	Flow of Hydraulic Cement Mortar	08/12/2014



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Ultra-High Performance Concrete (UHPC)

Standard:

Accredited Since:

C1856 (Sampling)	Sampling Specimens of Ultra-High Performance Concrete	02/10/2026
C1856-C39	Compressive Strength of Cylindrical Ultra-High Performance Concrete Specimens	07/18/2022
C1856-C42 (Testing Drilled Cores of Ultra-High Performance Concrete)	Testing Drilled Cores of Ultra-High Performance Concrete	07/18/2022
C1856-C157	Length Change of Hardened Ultra-High Performance Concrete	07/18/2022
C1856-C192 (Cylinders)	Making Ultra-High Performance Concrete Test Specimens in the Laboratory (Cylinders)	02/10/2026
C1856-C192 (Prisms)	Making Ultra-High Performance Concrete Test Specimens in the Laboratory (Prisms)	02/10/2026
C1856-C469	Static Modulus of Elasticity and Poisson's Ratio of Ultra-High Performance Concrete in Compression	07/18/2022
C1856-C511	Curing Specimens of Ultra-High Performance Concrete	02/10/2026
C1856-C512	Creep of Ultra-High Performance Concrete in Compression	07/18/2022
C1856-C666	Resistance of Ultra-High Performance Concrete to Rapid Freezing and Thawing	07/18/2022
C1856-C944	Abrasion Resistance of Ultra-High Performance Concrete Surfaces by the Rotating-Cutter Method	07/18/2022
C1856-C1202	Electrical Indication of Ultra-High Performance Concrete's Ability to Resist Chloride Ion Penetration	07/18/2022
C1856-C1609	Flexural Performance of Fiber-Reinforced Ultra-High Performance Concrete (Using Beam With Third-Point Loading)	07/18/2022