



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MATERIAL TEC
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Lawrenceville, GA 30045
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Valid To: July 31, 2028

Certificate Number: 7862.01

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

CONSTRUCTION MATERIALS ENGINEERING

ASTM: C1077 (Standard Practice for Agencies Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Testing Agency Evaluation);
C1222 (Evaluation of Laboratories Testing Hydraulic Cement);
E329 (Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection)

CONSTRUCTION MATERIALS TESTING

Test Method:	Test Description:
Aggregate:	
ASTM C29/C29M	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 C87	Standard Test Method for Effect of Organic Impurities in Fine Aggregate on Strength of Mortar
ASTM C88	Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
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 Aggregate
ASTM C142/C142M	Standard Test Method for Clay Lumps and Friable Particles in Aggregates
ASTM C231	Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
ASTM C535	Standard Test Method for Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
ASTM C566	Standard Test Method for Total Evaporable Moisture Content of Aggregate by Drying

Test Method:	Test Description:
ASTM C1260	Standard Test Method for Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)
ASTM C1293	Standard Test Method for Determination of Length Change of Concrete Due to Alkali-Silica Reaction
ASTM C1567	Standard Test Method for Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)
ASTM D4791	Standard Test Method for Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate
Cement:	
ASTM C109	Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 50 mm [2 in.] Cube Specimens)
ASTM C114	Standard Test Methods for Chemical Analysis of Hydraulic Cement
ASTM C151	Standard Test Method for Autoclave Expansion of Hydraulic Cement
ASTM C183	Standard Practice for Sampling and the Amount of Testing of Hydraulic Cement
ASTM C185	Standard Test Method for Air Content of Hydraulic Cement Mortar
ASTM C187	Standard Test Method for Amount of Water Required for Normal Consistency of Hydraulic Cement Paste
ASTM C188	Standard Test Method for Density of Hydraulic Cement
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 C266	Time of Setting of Hydraulic-Cement Paste by Gillmore Needles
ASTM C305	Standard Practice for Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency
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-um (No. 325) Sieve
ASTM C441	Standard Test Method for Effectiveness of Pozzolans or Ground Blast-Furnace Slag in Preventing Excessive Expansion of Concrete Due to the Alkali-Silica Reaction
ASTM C451	Standard Test Method for Early Stiffening of Hydraulic Cement (Paste Method)
ASTM C452	Standard Test Method for Potential Expansion of Portland-Cement Mortars Exposed to Sulfate
ASTM C596	Standard Test Method for Drying Shrinkage of Mortar Containing Hydraulic Cement
ASTM C1012	Standard Test Method for Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution
ASTM C1038	Standard Test Method for Expansion of Hydraulic Cement Mortar Bars Stored in Water
ASTM C1437	Standard Test Method for Flow of Hydraulic Cement Mortar
ASTM C1506	Standard Test Method for Water Retention of Hydraulic Cement-Based Mortars and Plasters

Test Method:	Test Description:
ASTM C1702	Standard Test Method for Measurement of Heat of Hydration of Hydraulic Cementitious Materials Using Isothermal Conduction Calorimetry
Concrete:	
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 C78	Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)
ASTM C138	Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
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 C403	Standard Test Method for Time of Setting of Concrete Mixtures by Penetration Resistance
ASTM C469	Standard Test Method for Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression
ASTM C617	Standard Practice for Capping Cylindrical Concrete Specimens
ASTM C666	Standard Test Method for Resistance of Concrete to Rapid Freezing and Thawing
ASTM C1064	Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete
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

Specifications referenced below apply to specification-related testing performed under the listed scope methods only:

C511 (Specification for Mixing Rooms, Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the Testing of Hydraulic Cements and Concretes)

ASTM C33 (Standard Specification for Concrete Aggregates)

ASTM C144 (Standard Specification for Aggregate for Masonry Mortar)

ASTM C150 (Standard Specification for Portland Cement)

ASTM C595 (Standard Specification for Blended Hydraulic Cements)

ASTM C618 (Standard Specification for Coal Ash and Raw or Calcined Natural Pozzolan for Use in Concrete)

ASTM C1866 (Standard Specification for Ground-Glass Pozzolan for Use in Concrete)

ASTM C1945 (Standard Specification for Natural Pozzolan for Use in Concrete)



Accredited Laboratory

A2LA has accredited

MATERIAL TEC

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 4th day of August 2026.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 7862.01
Valid to July 31, 2028

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