Certificate of Accreditation

Southern Earth Sciences, Inc.

in

Mobile, Alabama, 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).

Jim Tymon,
AASHTO Executive Director

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 01/30/2026 at 6:06 AM 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	08/15/1997
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	**Suspended**
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	02/18/2014
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	**Suspended**
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/23/2021

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/15/2001
T88	Particle Size Analysis of Soils by Hydrometer	**Suspended**
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	06/15/2001
T90	Plastic Limit of Soils (Atterberg Limits)	06/15/2001
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	06/15/2001
T100	Specific Gravity of Soils	06/15/2001
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/15/2001
T193	The California Bearing Ratio	06/15/2001
T208	Unconfined Compressive Strength of Cohesive Soil	06/15/2001
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	06/15/2001
T265	Laboratory Determination of Moisture Content of Soils	06/15/2001
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	06/15/2001
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/15/2001
D422	Particle Size Analysis of Soils by Hydrometer	**Suspended**
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	06/15/2001
D854	Specific Gravity of Soils	06/15/2001
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	06/15/2001
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/15/2001
D1883	The California Bearing Ratio	06/15/2001
D2166	Unconfined Compressive Strength of Cohesive Soil	06/15/2001
D2216	Laboratory Determination of Moisture Content of Soils	06/15/2001
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	06/15/2001
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	04/07/2021

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Soil (Continued)

Standard:	Accredited Since:
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	06/15/2001
D4318 Plastic Limit of Soils (Atterberg Limits)	06/15/2001
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	06/15/2001
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	04/07/2021
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	06/15/2001
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	04/07/2021

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	06/15/2001
R90	Sampling Aggregate	04/07/2021
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	06/15/2001
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	06/15/2001
T21	Organic Impurities in Fine Aggregates for Concrete	06/15/2001
T27	Sieve Analysis of Fine and Coarse Aggregates	06/15/2001
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	06/15/2001
T85	Specific Gravity and Absorption of Coarse Aggregate	**Suspended**
T255	Total Moisture Content of Aggregate by Drying	06/15/2001
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	06/15/2001
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	06/15/2001
C40	Organic Impurities in Fine Aggregates for Concrete	06/15/2001
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	06/15/2001
C127	Specific Gravity and Absorption of Coarse Aggregate	**Suspended**
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	06/15/2001
C136	Sieve Analysis of Fine and Coarse Aggregates	06/15/2001
C566	Total Moisture Content of Aggregate by Drying	06/15/2001
C702	Reducing Samples of Aggregate to Testing Size	06/15/2001
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	06/15/2001
D75	Sampling Aggregate	04/07/2021

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Concrete

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/17/2012
R39	Making and Curing Concrete Test Specimens in the Laboratory	08/15/1997
R60	Sampling Freshly Mixed Concrete	08/15/1997
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	08/15/1997
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	08/15/1997
T22	Compressive Strength of Cylindrical Concrete Specimens	08/15/1997
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	08/15/1997
T119	Slump of Hydraulic Cement Concrete	08/15/1997
T121	Density (Unit Weight), Yield, and Air Content of Concrete	08/15/1997
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	08/15/1997
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	08/15/1997
T231 (8000 psi and below)	Capping Cylindrical Concrete Specimens	11/01/2019
T309	Temperature of Freshly Mixed Portland Cement Concrete	08/15/1997
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	08/15/1997
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	08/15/1997
C39	Compressive Strength of Cylindrical Concrete Specimens	08/15/1997
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	08/15/1997
C138	Density (Unit Weight), Yield, and Air Content of Concrete	08/15/1997
C143	Slump of Hydraulic Cement Concrete	08/15/1997
C172	Sampling Freshly Mixed Concrete	08/15/1997
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	08/15/1997
C192	Making and Curing Concrete Test Specimens in the Laboratory	08/15/1997
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	08/15/1997

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Concrete (Continued)

Standard:		Accredited Since:
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/17/2012
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	11/01/2019
C1064	Temperature of Freshly Mixed Portland Cement Concrete	08/15/1997
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	08/17/2012