



# 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](https://www.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 07/10/2026 at 12:12 AM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://www.aashtoresource.org/aap/accreditation-directory)



# SCOPE OF AASHTO ACCREDITATION FOR:

Southern Earth Sciences, Inc.

in Mobile, Alabama, USA

## 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	<b>Suspended</b>
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	<b>Suspended</b>
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



# SCOPE OF AASHTO ACCREDITATION FOR:

Southern Earth Sciences, Inc.  
in Mobile, Alabama, USA

## Soil

### Standard:

### Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/15/2001
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
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- $\mu$ m) 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
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	06/15/2001
D4318	Plastic Limit of Soils (Atterberg Limits)	06/15/2001



# SCOPE OF AASHTO ACCREDITATION FOR:

Southern Earth Sciences, Inc.

in Mobile, Alabama, USA

## Soil (Continued)

**Standard:**

**Accredited Since:**

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



# SCOPE OF AASHTO ACCREDITATION FOR:

Southern Earth Sciences, Inc.

in Mobile, Alabama, USA

## 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- $\mu$ m (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	<b>Suspended</b>
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- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	06/15/2001
C127 Specific Gravity and Absorption of Coarse Aggregate	<b>Suspended</b>
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



**SCOPE OF AASHTO ACCREDITATION FOR:**  
 Southern Earth Sciences, Inc.  
 in Mobile, Alabama, USA

**Concrete**

<b>Standard:</b>		<b>Accredited Since:</b>
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 (7000 psi and below)	Capping Cylindrical Concrete Specimens	03/25/2026
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



# SCOPE OF AASHTO ACCREDITATION FOR:

Southern Earth Sciences, Inc.

in Mobile, Alabama, USA

## 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 (7000 psi and below)	Capping Cylindrical Concrete Specimens	03/25/2026
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