



CERTIFICATE OF ACCREDITATION



Southern Earth Sciences, Inc.

in

New Orleans, Louisiana, 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 05/17/2026 at 7:38 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	01/01/1994
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	06/30/2014
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	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	01/10/2011
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/14/2016
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/05/2014
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/23/2012



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Asphalt Mixture

Standard:

Accredited Since:

D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	01/01/1994
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	06/09/2021
D5444	Mechanical Analysis of Extracted Aggregate	01/01/1994
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	01/01/1994



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Soil

Standard:

Accredited Since:

T100	Specific Gravity of Soils	06/09/2021
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/01/1994
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/01/1994
D1140	Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	01/01/1994
D1556	Density of Soil In-Place by the Sand Cone Method	01/01/1994
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/01/1994
D2216	Laboratory Determination of Moisture Content of Soils	01/01/1994
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	01/01/1994
D2974	Determination of Organic Content in Soils by Loss on Ignition	12/02/2011
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	01/01/1994
D4318	Plastic Limit of Soils (Atterberg Limits)	01/01/1994
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/01/1994



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Aggregate

Standard:

Accredited Since:

R76 Reducing Samples of Aggregate to Testing Size	12/23/2019
T11 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	12/23/2019
T19 Bulk Density ("Unit Weight") and Voids in Aggregate	12/23/2019
T21 Organic Impurities in Fine Aggregates for Concrete	12/23/2019
T27 Sieve Analysis of Fine and Coarse Aggregates	12/23/2019
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	12/23/2019
T85 Specific Gravity and Absorption of Coarse Aggregate	12/23/2019
T104 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	02/14/2023
T255 Total Moisture Content of Aggregate by Drying	12/23/2019
C29 Bulk Density ("Unit Weight") and Voids in Aggregate	01/01/1994
C40 Organic Impurities in Fine Aggregates for Concrete	01/01/1994
C88 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	07/28/2017
C117 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	01/01/1994
C127 Specific Gravity and Absorption of Coarse Aggregate	01/01/1994
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/01/1994
C136 Sieve Analysis of Fine and Coarse Aggregates	01/01/1994
C566 Total Moisture Content of Aggregate by Drying	01/01/1994
C702 Reducing Samples of Aggregate to Testing Size	01/01/1994



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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	12/23/2019
R39	Making and Curing Concrete Test Specimens in the Laboratory	12/23/2019
R60	Sampling Freshly Mixed Concrete	12/23/2019
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	12/23/2019
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/23/2019
T22	Compressive Strength of Cylindrical Concrete Specimens	12/23/2019
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	12/23/2019
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	12/23/2019
T119	Slump of Hydraulic Cement Concrete	12/23/2019
T121	Density (Unit Weight), Yield, and Air Content of Concrete	12/23/2019
T148	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	12/23/2019
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	12/23/2019
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	12/23/2019
T198	Splitting Tensile Strength of Cylindrical Concrete Specimens	12/23/2019
T231 (6000 psi and below)	Capping Cylindrical Concrete Specimens	04/03/2026
T309	Temperature of Freshly Mixed Portland Cement Concrete	12/23/2019
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	01/01/1994
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	01/01/1994
C39	Compressive Strength of Cylindrical Concrete Specimens	01/01/1994
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	01/01/1994
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	01/01/1994
C138	Density (Unit Weight), Yield, and Air Content of Concrete	01/01/1994
C143	Slump of Hydraulic Cement Concrete	01/01/1994



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Concrete (Continued)

Standard:		Accredited Since:
C172	Sampling Freshly Mixed Concrete	01/01/1994
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	01/01/1994
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	01/01/1994
C192	Making and Curing Concrete Test Specimens in the Laboratory	01/01/1994
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	01/01/1994
C496	Splitting Tensile Strength of Cylindrical Concrete Specimens	01/01/1994
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/22/2013
C617 (6000 psi and below)	Capping Cylindrical Concrete Specimens	04/03/2026
C805	Rebound Number of Hardened Concrete	01/01/1994
C1064	Temperature of Freshly Mixed Portland Cement Concrete	01/01/1994
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	04/03/2026



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Masonry

Standard:

Accredited Since:

C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes

01/22/2013

C1019 Sampling and Testing Grout

01/22/2013