



CERTIFICATE OF ACCREDITATION



S&ME, Inc.

in

Knoxville, Tennessee, 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', is written over a horizontal line.

Jim Tymon,
AASHTO Executive Director

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

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 06/21/2026 at 7:42 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

S&ME, Inc.
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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	06/01/1997
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	06/02/2022
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	06/02/2022
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	06/14/2012
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/02/2022
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	06/14/2012
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/09/2013



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Asphalt Mixture

Standard:

Accredited Since:

T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	09/30/2014
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/07/2009
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/07/2009
T275 (Cores)	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens (Cores)	04/05/2016
D1188 (Cores)	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens (Cores)	04/05/2016
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/07/2009
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	09/30/2014
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	09/09/2013
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/07/2009



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/01/1997
T88	Particle Size Analysis of Soils by Hydrometer	06/01/1997
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	06/01/1997
T90	Plastic Limit of Soils (Atterberg Limits)	06/01/1997
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	06/01/1997
T100	Specific Gravity of Soils	06/01/1997
T134	Moisture-Density Relations of Soil-Cement Mixtures	08/29/2011
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/01/1997
T191	Density of Soil In-Place by the Sand Cone Method	08/29/2011
T193	The California Bearing Ratio	06/01/1997
T208	Unconfined Compressive Strength of Cohesive Soil	06/01/1997
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	06/01/1997
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	06/01/1997
T265	Laboratory Determination of Moisture Content of Soils	06/01/1997
T267	Determination of Organic Content in Soils by Loss on Ignition	08/29/2011
T288	Minimum Soil Resistivity	09/09/2013
T289	pH of Soils for Corrosion Testing	09/09/2013
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	06/01/1997
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	06/01/1997
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	08/29/2011
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/01/1997
D422	Particle Size Analysis of Soils by Hydrometer	06/01/1997
D558	Moisture-Density Relations of Soil-Cement Mixtures	08/29/2011



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Soil (Continued)

Standard:	Accredited Since:
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	06/01/1997
D854 Specific Gravity of Soils	06/01/1997
D1140 Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	06/01/1997
D1556 Density of Soil In-Place by the Sand Cone Method	08/29/2011
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/01/1997
D1883 The California Bearing Ratio	06/01/1997
D2166 Unconfined Compressive Strength of Cohesive Soil	06/01/1997
D2216 Laboratory Determination of Moisture Content of Soils	06/01/1997
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	06/01/1997
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	06/01/1997
D2488 Description and Identification of Soils (Visual-Manual Procedure)	04/05/2016
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	06/01/1997
D2937 Density of Soil in Place by the Drive-Cylinder Method	04/05/2016
D2974 Determination of Organic Content in Soils by Loss on Ignition	08/29/2011
D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions	06/01/1997
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	06/01/1997
D4318 Plastic Limit of Soils (Atterberg Limits)	06/01/1997
D4546 One-Dimensional Swell or Settlement Potential of Cohesive Soils	09/09/2013
D4643 Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	09/09/2013
D4718 Oversize Particle Correction	09/09/2013
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	06/01/1997
D4972 pH Testing of Soils	09/09/2013
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	06/01/1997



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Soil (Continued)

Standard:

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D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	04/05/2016
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	08/29/2011
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	03/29/2018
G57 Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	04/05/2016



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Rock

Standard:

Accredited Since:

D4543	Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	03/29/2018
D4644	Slake Durability of Shales and Weak Rocks	03/29/2018
D7012 (Method C)	Compressive Strength of Rock Core Specimens (Method C)	04/29/2024
D7012 (Method D)	Compressive Strength of Rock Core Specimens (Method D)	08/23/2023



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Aggregate

Standard:

Accredited Since:

C29	Bulk Density ("Unit Weight") and Voids in Aggregate	06/01/1997
C40	Organic Impurities in Fine Aggregates for Concrete	06/01/1997
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	06/01/1997
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	06/01/1997
C127	Specific Gravity and Absorption of Coarse Aggregate	06/01/1997
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	06/01/1997
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	06/01/1997
C136	Sieve Analysis of Fine and Coarse Aggregates	06/01/1997
C142	Clay Lumps and Friable Particles in Aggregate	06/01/1997
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	06/01/1997
C566	Total Moisture Content of Aggregate by Drying	06/01/1997
C702	Reducing Samples of Aggregate to Testing Size	06/01/1997
D75	Sampling Aggregate	08/23/2023
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	09/01/2017



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Sprayed Fire-Resistive Material

Standard:

Accredited Since:

E605 Thickness and Density of Sprayed Fire-Resistive Material(SFRM) Applied to Structural Members

09/09/2013

E736 Cohesion/Adhesion of Sprayed Fire-Resistive Materials Applied to Structural Members

09/09/2013



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Concrete

Standard:		Accredited Since:
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	06/01/1997
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/01/1997
C39	Compressive Strength of Cylindrical Concrete Specimens	06/01/1997
C42 (Drilling Cores of Concrete)	Drilling Cores of Concrete	03/05/2026
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	06/01/1997
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	06/01/1997
C138	Density (Unit Weight), Yield, and Air Content of Concrete	06/01/1997
C143	Slump of Hydraulic Cement Concrete	06/01/1997
C172	Sampling Freshly Mixed Concrete	06/01/1997
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	06/01/1997
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	03/05/2026
C192	Making and Curing Concrete Test Specimens in the Laboratory	03/12/2012
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	06/01/1997
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	04/21/2023
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	03/12/2012
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	03/05/2026
C1064	Temperature of Freshly Mixed Portland Cement Concrete	06/01/1997
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	03/12/2012
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	06/01/1997
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	03/12/2012