Certificate of Accreditation

S&ME, Inc.

in

Raleigh, North Carolina, 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 05/31/2026 at 4:36 PM 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	11/15/1996
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	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	01/10/2011
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	01/10/2011
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011

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Asphalt Mixture

Standard:		Accredited Since:
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	11/15/1996
T30	Mechanical Analysis of Extracted Aggregate	11/15/1996
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	11/15/1996
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	11/15/1996
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	11/15/1996
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	11/15/1996
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	12/28/2023
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	11/15/1996
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	11/15/1996
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	11/15/1996
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	11/15/1996
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	11/15/1996
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	07/28/2021
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	11/15/1996
D5444	Mechanical Analysis of Extracted Aggregate	11/15/1996
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	11/15/1996
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	11/15/1996
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	11/15/1996
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	11/15/1996

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	11/15/1996
T88	Particle Size Analysis of Soils by Hydrometer	11/15/1996
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	11/15/1996
T90	Plastic Limit of Soils (Atterberg Limits)	11/15/1996
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	11/15/1996
T100	Specific Gravity of Soils	11/15/1996
T134	Moisture-Density Relations of Soil-Cement Mixtures	11/15/1996
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	11/15/1996
T193	The California Bearing Ratio	11/15/1996
T208	Unconfined Compressive Strength of Cohesive Soil	11/15/1996
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	11/15/1996
T265	Laboratory Determination of Moisture Content of Soils	11/15/1996
T267	Determination of Organic Content in Soils by Loss on Ignition	02/15/2019
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	11/15/1996
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	11/15/1996
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	07/28/2021
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	11/15/1996
D422	Particle Size Analysis of Soils by Hydrometer	11/15/1996
D558	Moisture-Density Relations of Soil-Cement Mixtures	11/15/1996
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	11/15/1996
D854	Specific Gravity of Soils	11/15/1996
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	11/15/1996
D1556	Density of Soil In-Place by the Sand Cone Method	11/15/1996

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Soil (Continued)

Standard:	Accredited Since:
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	11/15/1996
D1883 The California Bearing Ratio	11/15/1996
D2166 Unconfined Compressive Strength of Cohesive Soil	11/15/1996
D2216 Laboratory Determination of Moisture Content of Soils	11/15/1996
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	11/15/1996
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	11/15/1996
D2488 Description and Identification of Soils (Visual-Manual Procedure)	05/05/2017
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	11/15/1996
D2937 Density of Soil in Place by the Drive-Cylinder Method	12/28/2023
D2974 Determination of Organic Content in Soils by Loss on Ignition	02/15/2019
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	11/15/1996
D4318 Plastic Limit of Soils (Atterberg Limits)	11/15/1996
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	11/15/1996
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	11/15/1996
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	05/05/2017
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	11/15/1996
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	12/28/2023

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Aggregate

Standard:		Accredited Since:
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	11/15/1996
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	11/15/1996
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	07/23/2013
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	11/15/1996
C40	Organic Impurities in Fine Aggregates for Concrete	11/15/1996
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	11/15/1996
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	11/15/1996
C127	Specific Gravity and Absorption of Coarse Aggregate	11/15/1996
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	11/15/1996
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	11/15/1996
C136	Sieve Analysis of Fine and Coarse Aggregates	11/15/1996
C142	Clay Lumps and Friable Particles in Aggregate	02/25/2014
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	11/15/1996
C566	Total Moisture Content of Aggregate by Drying	11/15/1996
C702	Reducing Samples of Aggregate to Testing Size	11/15/1996
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	11/15/1996
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	11/15/1996
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	11/15/1996
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	11/15/1996

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Concrete

Standard:		Accredited Since:
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	11/15/1996
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/15/1996
C39	Compressive Strength of Cylindrical Concrete Specimens	11/15/1996
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	11/15/1996
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	11/15/1996
C138	Density (Unit Weight), Yield, and Air Content of Concrete	11/15/1996
C143	Slump of Hydraulic Cement Concrete	11/15/1996
C172	Sampling Freshly Mixed Concrete	11/15/1996
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	11/15/1996
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	11/15/1996
C192	Making and Curing Concrete Test Specimens in the Laboratory	11/15/1996
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	11/15/1996
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/20/2011
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	12/31/2025
C1064	Temperature of Freshly Mixed Portland Cement Concrete	11/15/1996
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	02/25/2014