Certificate of Accreditation

S&ME, Inc.

in

Charlotte, 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

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Scope of AASHTO Accreditation for:

S&ME, Inc.

in Charlotte, North Carolina, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/15/1997
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	06/26/2019
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	06/26/2019
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	07/24/2018
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/26/2019
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/26/2019
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/24/2018

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Scope of AASHTO Accreditation for:

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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)	04/19/2022
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	11/22/2017

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/08/2019
T88	Particle Size Analysis of Soils by Hydrometer	03/08/2019
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	03/08/2019
T90	Plastic Limit of Soils (Atterberg Limits)	03/08/2019
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	03/08/2019
T100	Specific Gravity of Soils	03/08/2019
T134	Moisture-Density Relations of Soil-Cement Mixtures	04/19/2022
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/08/2019
T193	The California Bearing Ratio	03/08/2019
T208	Unconfined Compressive Strength of Cohesive Soil	04/19/2022
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	04/19/2022
T265	Laboratory Determination of Moisture Content of Soils	03/08/2019
T267	Determination of Organic Content in Soils by Loss on Ignition	04/19/2022
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/15/1997
D422	Particle Size Analysis of Soils by Hydrometer	04/15/1997
D558	Moisture-Density Relations of Soil-Cement Mixtures	04/19/2022
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/15/1997
D854	Specific Gravity of Soils	04/15/1997
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	04/15/1997
D1556	Density of Soil In-Place by the Sand Cone Method	11/22/2017
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/15/1997
D1883	The California Bearing Ratio	04/15/1997
D2166	Unconfined Compressive Strength of Cohesive Soil	06/08/2015

Scope of AASHTO Accreditation for:

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Soil (Continued)

Standard:	Accredited Since:
D2216 Laboratory Determination of Moisture Content of Soils	04/15/1997
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	04/15/1997
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	11/22/2017
D2488 Description and Identification of Soils (Visual-Manual Procedure)	04/19/2022
D2937 Density of Soil in Place by the Drive-Cylinder Method	11/22/2017
D2974 Determination of Organic Content in Soils by Loss on Ignition	04/19/2022
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	04/15/1997
D4318 Plastic Limit of Soils (Atterberg Limits)	04/15/1997
D4718 Oversize Particle Correction	04/19/2022
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	04/15/1997
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	04/15/1997
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	11/22/2017

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Aggregate

Standard:	Accredited Since:
R90 Sampling Aggregate	04/19/2022
T27 Sieve Analysis of Fine and Coarse Aggregates	06/29/2022
C29 Bulk Density (“Unit Weight”) and Voids in Aggregate	11/02/2017
C40 Organic Impurities in Fine Aggregates for Concrete	11/02/2017
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	11/02/2017
C127 Specific Gravity and Absorption of Coarse Aggregate	11/02/2017
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	11/02/2017
C136 Sieve Analysis of Fine and Coarse Aggregates	06/26/2019
C566 Total Moisture Content of Aggregate by Drying	11/02/2017
C702 Reducing Samples of Aggregate to Testing Size	11/02/2017
D75 Sampling Aggregate	04/19/2022

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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	04/19/2022

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Concrete

Standard:		Accredited Since:
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	06/26/2019
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/26/2019
C39	Compressive Strength of Cylindrical Concrete Specimens	06/26/2019
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	11/02/2017
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	06/26/2019
C138	Density (Unit Weight), Yield, and Air Content of Concrete	11/02/2017
C143	Slump of Hydraulic Cement Concrete	11/02/2017
C172	Sampling Freshly Mixed Concrete	11/02/2017
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	11/02/2017
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/26/2019
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	11/02/2017
C1064	Temperature of Freshly Mixed Portland Cement Concrete	11/02/2017
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	11/02/2017
C1542	Measuring Length of Concrete Cores	11/02/2017