AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

S&ME, Inc.

in

Duluth, Georgia, 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.

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Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	08/15/2000
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	01/10/2011
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	02/03/2021
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	02/03/2021
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	06/30/2022
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/13/2019
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:
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	02/03/2021
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	02/03/2021
T30	Mechanical Analysis of Extracted Aggregate	02/03/2021
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	02/03/2021
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	02/03/2021
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	02/03/2021
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	02/03/2021
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	02/03/2021
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	02/03/2021
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	02/03/2021
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	02/03/2021
T331	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	02/03/2021
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	02/03/2021
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	02/03/2021
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	02/03/2021
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	02/03/2021
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	02/03/2021
D5444	Mechanical Analysis of Extracted Aggregate	02/03/2021
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	02/03/2021
D6752	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	02/03/2021
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	02/03/2021
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	02/03/2021
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	02/03/2021

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	08/15/2000
R74	Wet Preparation of Disturbed Soil Samples for Test	12/19/2017
T88	Particle Size Analysis of Soils by Hydrometer	08/15/2000
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	08/15/2000
T90	Plastic Limit of Soils (Atterberg Limits)	08/15/2000
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	08/15/2000
T100	Specific Gravity of Soils	08/15/2000
T134	Moisture-Density Relations of Soil-Cement Mixtures	08/15/2000
T135	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	08/15/2000
T136	Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	08/15/2000
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	08/15/2000
T191	Density of Soil In-Place by the Sand Cone Method	06/30/2022
T193	The California Bearing Ratio	08/15/2000
T208	Unconfined Compressive Strength of Cohesive Soil	08/15/2000
T215	Permeability of Granular Soils (Constant Head)	08/15/2000
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	12/22/2022
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	02/25/2026
T265	Laboratory Determination of Moisture Content of Soils	08/15/2000
T267	Determination of Organic Content in Soils by Loss on Ignition	08/15/2000
T289	pH of Soils for Corrosion Testing	02/10/2016
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	08/15/2000
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	08/15/2000
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	08/15/2000

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Soil (Continued)

Standard:	Accredited Since:
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	08/15/2000
D422 Particle Size Analysis of Soils by Hydrometer	08/15/2000
D558 Moisture-Density Relations of Soil-Cement Mixtures	08/15/2000
D559 Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	08/15/2000
D560 Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	06/30/2022
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	08/15/2000
D854 Specific Gravity of Soils	08/15/2000
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	08/15/2000
D1556 Density of Soil In-Place by the Sand Cone Method	08/15/2000
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	08/15/2000
D1633 Compressive Strength of Molded Soil-Cement Cylinders	02/25/2026
D1883 The California Bearing Ratio	08/15/2000
D2166 Unconfined Compressive Strength of Cohesive Soil	08/15/2000
D2216 Laboratory Determination of Moisture Content of Soils	08/15/2000
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	12/22/2022
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	08/15/2000
D2488 Description and Identification of Soils (Visual-Manual Procedure)	08/15/2000
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	08/15/2000
D2974 Determination of Organic Content in Soils by Loss on Ignition	09/29/2011
D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions	02/25/2026
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	08/15/2000
D4318 Plastic Limit of Soils (Atterberg Limits)	08/15/2000
D4546 One-Dimensional Swell or Settlement Potential of Cohesive Soils	02/10/2016

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Soil (Continued)

Standard:	Accredited Since:
D4718 Oversize Particle Correction	12/19/2017
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	08/15/2000
D4972 pH Testing of Soils	06/30/2022
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	08/15/2000
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	02/10/2016
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	08/15/2000
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	04/14/2021
G57 Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	02/25/2026

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	02/03/2021
R90	Sampling Aggregate	02/25/2026
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	02/03/2021
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	10/31/2022
T21	Organic Impurities in Fine Aggregates for Concrete	10/31/2022
T27	Sieve Analysis of Fine and Coarse Aggregates	02/03/2021
T37	Sieve Analysis of Mineral Filler for Road and Paving Materials	02/03/2021
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	02/03/2021
T85	Specific Gravity and Absorption of Coarse Aggregate	02/03/2021
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	05/13/2019
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	05/13/2019
T112	Clay Lumps and Friable Particles in Aggregate	10/31/2022
T113	Lightweight Pieces in Aggregate	10/31/2022
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	08/15/2002
T255	Total Moisture Content of Aggregate by Drying	02/03/2021
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	02/03/2021
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	02/03/2021
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	08/15/2002
C40	Organic Impurities in Fine Aggregates for Concrete	08/15/2002
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	08/15/2002
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	08/15/2002
C123	Lightweight Pieces in Aggregate	02/06/2017
C127	Specific Gravity and Absorption of Coarse Aggregate	08/15/2002

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Aggregate (Continued)

Standard:		Accredited Since:
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	08/15/2002
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	08/15/2002
C136	Sieve Analysis of Fine and Coarse Aggregates	08/15/2002
C142	Clay Lumps and Friable Particles in Aggregate	08/15/2002
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	08/15/2002
C566	Total Moisture Content of Aggregate by Drying	08/15/2002
C702	Reducing Samples of Aggregate to Testing Size	08/15/2002
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	02/03/2021
D75	Sampling Aggregate	02/25/2026
D546	Sieve Analysis of Mineral Filler for Road and Paving Materials	02/03/2021
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	08/15/2002
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	02/06/2017
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	02/03/2021

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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	10/31/2022
R39	Making and Curing Concrete Test Specimens in the Laboratory	10/31/2022
R60	Sampling Freshly Mixed Concrete	10/31/2022
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	10/31/2022
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	10/31/2022
T22	Compressive Strength of Cylindrical Concrete Specimens	10/31/2022
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	10/31/2022
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	10/31/2022
T119	Slump of Hydraulic Cement Concrete	10/31/2022
T121	Density (Unit Weight), Yield, and Air Content of Concrete	10/31/2022
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	10/31/2022
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	10/31/2022
T231 (8000 psi and below)	Capping Cylindrical Concrete Specimens	10/31/2022
T309	Temperature of Freshly Mixed Portland Cement Concrete	10/31/2022
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	08/15/2002
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	08/15/2002
C39	Compressive Strength of Cylindrical Concrete Specimens	08/15/2002
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	08/15/2002
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	08/15/2002
C138	Density (Unit Weight), Yield, and Air Content of Concrete	08/15/2002
C143	Slump of Hydraulic Cement Concrete	08/15/2002
C172	Sampling Freshly Mixed Concrete	08/15/2002
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	08/15/2002

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Concrete (Continued)

Standard:		Accredited Since:
C192	Making and Curing Concrete Test Specimens in the Laboratory	08/15/2002
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	08/15/2002
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/18/2012
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	08/01/2022
C642	Density, Absorption, and Voids in Hardened Concrete	08/15/2002
C1064	Temperature of Freshly Mixed Portland Cement Concrete	08/15/2002
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	01/18/2012
C1542	Measuring Length of Concrete Cores	10/09/2014

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Masonry

Standard:		Accredited Since:
C140 (Concrete Interlocking Paving Units)	Sampling and Testing Concrete Masonry Units and Related Units	05/13/2019
C140 (Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	12/04/2006
C140 (Segmental Retaining Wall Units)	Sampling and Testing Concrete Masonry Units and Related Units	05/13/2019
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/09/2013
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	07/16/2019
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	10/09/2014
C1019	Sampling and Testing Grout	12/04/2006
C1262	Evaluating the Freeze-Thaw Durability of Dry-Cast Segmental Retaining Wall Units and Related Concrete Units	05/13/2019
C1314	Compressive Strength of Masonry Prisms	12/04/2006
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	12/04/2006
C1645	Freeze-thaw and De-icing Salt Durability of Solid Concrete Interlocking Paving Units	05/13/2019