Certificate of Accreditation

Soil and Materials Engineers, Inc.

in

Plymouth, Michigan, 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 09/17/2026 at 12:03 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Soil and Materials Engineers, Inc.

in Plymouth, Michigan, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	03/25/2003
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	08/06/2019
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	05/05/2016
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/21/2024
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/21/2024

This certificate was generated on 09/17/2026 at 12:03 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Soil and Materials Engineers, Inc.

in Plymouth, Michigan, USA

Asphalt Mixture

Standard:		Accredited Since:
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	07/10/2009
T30	Mechanical Analysis of Extracted Aggregate	07/10/2009
T164 (Mineral Matter Not Determined)	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA) - Plant Control	07/10/2009
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	07/10/2009
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	07/10/2009
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	07/10/2009
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	07/10/2009
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	07/10/2009
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	07/10/2009
D2172 (Mineral Matter Not Determined)	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA) - Plant Control	07/10/2009
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	07/10/2009
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	07/10/2009
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	02/09/2022
D5444	Mechanical Analysis of Extracted Aggregate	07/10/2009
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	07/10/2009
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	07/10/2009
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	09/09/2013

This certificate was generated on 09/17/2026 at 12:03 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Soil and Materials Engineers, Inc.

in Plymouth, Michigan, USA

Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/25/2003
T88	Particle Size Analysis of Soils by Hydrometer	03/25/2003
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	03/25/2003
T90	Plastic Limit of Soils (Atterberg Limits)	03/25/2003
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	03/25/2003
T100	Specific Gravity of Soils	03/25/2003
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/25/2003
T193	The California Bearing Ratio	08/21/2024
T208	Unconfined Compressive Strength of Cohesive Soil	03/25/2003
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	01/17/2017
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	01/17/2017
T265	Laboratory Determination of Moisture Content of Soils	03/25/2003
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	08/21/2024
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/25/2003
D422	Particle Size Analysis of Soils by Hydrometer	03/25/2003
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	03/25/2003
D854	Specific Gravity of Soils	03/25/2003
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/25/2003
D1883	The California Bearing Ratio	08/21/2024
D2166	Unconfined Compressive Strength of Cohesive Soil	03/25/2003
D2216	Laboratory Determination of Moisture Content of Soils	03/25/2003
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	01/17/2017
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	02/09/2022

This certificate was generated on 09/17/2026 at 12:03 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Soil and Materials Engineers, Inc.

in Plymouth, Michigan, USA

Soil (Continued)

Standard:	Accredited Since:
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	08/21/2024
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	03/25/2003
D4318 Plastic Limit of Soils (Atterberg Limits)	03/25/2003
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	08/21/2024
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	08/21/2024

This certificate was generated on 09/17/2026 at 12:03 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Soil and Materials Engineers, Inc.

in Plymouth, Michigan, USA

Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	05/05/2016
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	05/05/2016
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	05/05/2016
T21	Organic Impurities in Fine Aggregates for Concrete	05/05/2016
T27	Sieve Analysis of Fine and Coarse Aggregates	05/05/2016
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/05/2016
T85	Specific Gravity and Absorption of Coarse Aggregate	05/05/2016
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	03/12/2019
T112	Clay Lumps and Friable Particles in Aggregate	03/12/2019
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	03/12/2019
T255	Total Moisture Content of Aggregate by Drying	05/05/2016
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	03/12/2019
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	05/05/2016
C40	Organic Impurities in Fine Aggregates for Concrete	05/05/2016
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	03/12/2019
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	05/05/2016
C127	Specific Gravity and Absorption of Coarse Aggregate	05/05/2016
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/05/2016
C136	Sieve Analysis of Fine and Coarse Aggregates	05/05/2016
C142	Clay Lumps and Friable Particles in Aggregate	03/12/2019
C566	Total Moisture Content of Aggregate by Drying	05/05/2016
C702	Reducing Samples of Aggregate to Testing Size	05/05/2016
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	03/12/2019

This certificate was generated on 09/17/2026 at 12:03 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Soil and Materials Engineers, Inc.

in Plymouth, Michigan, USA

Aggregate (Continued)

Standard:	Accredited Since:
D2419 Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	03/12/2019
D4791 Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	03/12/2019

This certificate was generated on 09/17/2026 at 12:03 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Soil and Materials Engineers, Inc.

in Plymouth, Michigan, USA

Iron and Steel

Standard:	Accredited Since:
M31-T244 Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	08/06/2019
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	05/05/2016

This certificate was generated on 09/17/2026 at 12:03 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Soil and Materials Engineers, Inc.

in Plymouth, Michigan, USA

Concrete

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/05/2016
R39	Making and Curing Concrete Test Specimens in the Laboratory	07/07/2026
R60	Sampling Freshly Mixed Concrete	05/05/2016
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	05/05/2016
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	05/05/2016
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	07/21/2022
T22	Compressive Strength of Cylindrical Concrete Specimens	05/05/2016
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	05/29/2026
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	**Suspended**
T119	Slump of Hydraulic Cement Concrete	05/05/2016
T121	Density (Unit Weight), Yield, and Air Content of Concrete	05/05/2016
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	05/05/2016
T177	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)	05/05/2016
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	05/05/2016
T231 (13000 psi and below)	Capping Cylindrical Concrete Specimens	05/29/2026
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	05/05/2016
T309	Temperature of Freshly Mixed Portland Cement Concrete	05/05/2016
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	05/05/2016
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	05/05/2016
C39	Compressive Strength of Cylindrical Concrete Specimens	05/05/2016
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	05/29/2026
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	**Suspended**
C138	Density (Unit Weight), Yield, and Air Content of Concrete	05/05/2016

This certificate was generated on 09/17/2026 at 12:03 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Soil and Materials Engineers, Inc.

in Plymouth, Michigan, USA

Concrete (Continued)

Standard:		Accredited Since:
C143	Slump of Hydraulic Cement Concrete	05/05/2016
C172	Sampling Freshly Mixed Concrete	05/05/2016
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	05/05/2016
C192	Making and Curing Concrete Test Specimens in the Laboratory	07/07/2026
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	05/05/2016
C293	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)	05/05/2016
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	07/21/2022
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/05/2016
C617 (13000 psi and below)	Capping Cylindrical Concrete Specimens	05/29/2026
C1064	Temperature of Freshly Mixed Portland Cement Concrete	05/05/2016
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	05/05/2016
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	05/05/2016
C1293	Determination of Length Change of Concrete Due to Alkali-Silica Reaction	07/07/2026
C1542	Measuring Length of Concrete Cores	05/29/2026
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	05/05/2016

This certificate was generated on 09/17/2026 at 12:03 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory