



CERTIFICATE OF ACCREDITATION



The Mannik & Smith Group, Inc.

in

Canton, 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).

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 10/27/2026 at 1:26 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

The Mannik & Smith Group, Inc.

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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	09/28/2007
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	05/26/2021
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	02/11/2019
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/26/2021



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	09/28/2007
T88	Particle Size Analysis of Soils by Hydrometer	09/28/2007
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	09/28/2007
T90	Plastic Limit of Soils (Atterberg Limits)	09/28/2007
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	09/28/2007
T100	Specific Gravity of Soils	09/28/2007
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	02/21/2014
T208	Unconfined Compressive Strength of Cohesive Soil	09/28/2007
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	09/28/2007
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	09/28/2007
T265	Laboratory Determination of Moisture Content of Soils	09/28/2007
T267	Determination of Organic Content in Soils by Loss on Ignition	11/14/2013
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	09/28/2007
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	09/28/2007
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	09/28/2007
D422	Particle Size Analysis of Soils by Hydrometer	09/28/2007
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	09/28/2007
D854	Specific Gravity of Soils	09/28/2007
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	02/21/2014
D2166	Unconfined Compressive Strength of Cohesive Soil	09/28/2007
D2216	Laboratory Determination of Moisture Content of Soils	09/28/2007
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	09/28/2007
D2850	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	09/28/2007



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Soil (Continued)

Standard:	Accredited Since:
D2974 Determination of Organic Content in Soils by Loss on Ignition	11/14/2013
D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions	09/28/2007
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	09/28/2007
D4318 Plastic Limit of Soils (Atterberg Limits)	09/28/2007
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	09/28/2007
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	12/28/2021
D6951 Dynamic Cone Penetrometer In Shallow Pavement Applications	08/31/2024
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	12/28/2021



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Rock

Standard:

Accredited Since:

D4543	Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	08/31/2024
D4644	Slake Durability of Shales and Weak Rocks	11/21/2013
D5731	Point Load Strength Index of Rock	11/21/2013
D7012 (Method C)	Compressive Strength of Rock Core Specimens (Method C)	08/31/2024



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Concrete

Standard:

Accredited Since:

C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	05/26/2021
C39	Compressive Strength of Cylindrical Concrete Specimens	05/26/2021
C138	Density (Unit Weight), Yield, and Air Content of Concrete	05/26/2021
C143	Slump of Hydraulic Cement Concrete	05/26/2021
C172	Sampling Freshly Mixed Concrete	05/26/2021
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	05/28/2026
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	05/26/2021
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/26/2021
C1064	Temperature of Freshly Mixed Portland Cement Concrete	05/26/2021
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	12/30/2022