AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Speedie & Associates, LLC

in

Tucson, Arizona, 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 04/01/2026 at 12:37 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Speedie & Associates, LLC

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Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	10/16/2025
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	12/31/2025
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	10/16/2025
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	12/31/2025
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	12/31/2025
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	12/31/2025
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/31/2025
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/31/2025
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/16/2025
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/31/2025

Scope of AASHTO Accreditation for:

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Asphalt Mixture

Standard:		Accredited Since:
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	10/16/2025
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	10/16/2025
T30	Mechanical Analysis of Extracted Aggregate	10/16/2025
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	10/16/2025
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	10/16/2025
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	10/16/2025
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/16/2025
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	10/16/2025
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	10/16/2025
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	10/16/2025
T355	Density of Bituminous Concrete In Place by Nuclear Methods	10/16/2025
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	10/16/2025
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	10/16/2025
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	10/16/2025
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/16/2025
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	10/16/2025
D5444	Mechanical Analysis of Extracted Aggregate	10/16/2025
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	10/16/2025
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	10/16/2025
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	10/16/2025
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	10/16/2025

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/16/2025
R74	Wet Preparation of Disturbed Soil Samples for Test	10/16/2025
T88	Particle Size Analysis of Soils by Hydrometer	10/16/2025
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	10/16/2025
T90	Plastic Limit of Soils (Atterberg Limits)	10/16/2025
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/16/2025
T100	Specific Gravity of Soils	10/16/2025
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/16/2025
T191	Density of Soil In-Place by the Sand Cone Method	10/16/2025
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	10/16/2025
T217	Determination of Moisture in Soils by Means of a Calcium Carbide Gas Pressure Moisture Tester	10/16/2025
T265	Laboratory Determination of Moisture Content of Soils	10/16/2025
T288	Minimum Soil Resistivity	10/16/2025
T289	pH of Soils for Corrosion Testing	10/16/2025
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	10/16/2025
T311	Grain-Size Analysis of Granular Soil Materials	10/16/2025
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/16/2025
D422	Particle Size Analysis of Soils by Hydrometer	10/16/2025
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/16/2025
D854	Specific Gravity of Soils	10/16/2025
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	10/16/2025
D1556	Density of Soil In-Place by the Sand Cone Method	10/16/2025
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/16/2025

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Soil (Continued)

Standard:	Accredited Since:
D2216 Laboratory Determination of Moisture Content of Soils	10/16/2025
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	10/16/2025
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	10/16/2025
D2488 Description and Identification of Soils (Visual-Manual Procedure)	10/16/2025
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	10/16/2025
D4318 Plastic Limit of Soils (Atterberg Limits)	10/16/2025
D4546 One-Dimensional Swell or Settlement Potential of Cohesive Soils	10/16/2025
D4718 Oversize Particle Correction	10/16/2025
D4944 Determination of Moisture in Soils by Means of a Calcium Carbide Gas Pressure Moisture Tester	10/16/2025
D4972 pH Testing of Soils	10/16/2025
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	10/16/2025
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	10/16/2025
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	10/16/2025
G187 Soil Resistivity Using the Two-Electrode Soil Box	10/16/2025

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	10/16/2025
R90	Sampling Aggregate	10/16/2025
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	10/16/2025
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	10/16/2025
T21	Organic Impurities in Fine Aggregates for Concrete	10/16/2025
T27	Sieve Analysis of Fine and Coarse Aggregates	10/16/2025
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/16/2025
T85	Specific Gravity and Absorption of Coarse Aggregate	10/16/2025
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/16/2025
T112	Clay Lumps and Friable Particles in Aggregate	10/16/2025
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/16/2025
T255	Total Moisture Content of Aggregate by Drying	10/16/2025
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	10/16/2025
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	10/16/2025
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	10/16/2025
C40	Organic Impurities in Fine Aggregates for Concrete	10/16/2025
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	10/16/2025
C127	Specific Gravity and Absorption of Coarse Aggregate	10/16/2025
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/16/2025
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/16/2025
C136	Sieve Analysis of Fine and Coarse Aggregates	10/16/2025
C142	Clay Lumps and Friable Particles in Aggregate	10/16/2025
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/16/2025

Scope of AASHTO Accreditation for:

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Aggregate (Continued)

Standard:		Accredited Since:
C566	Total Moisture Content of Aggregate by Drying	10/16/2025
C702	Reducing Samples of Aggregate to Testing Size	10/16/2025
D75	Sampling Aggregate	10/16/2025
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/16/2025
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	10/16/2025
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	10/16/2025

Scope of AASHTO Accreditation for:

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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	10/16/2025
R39	Making and Curing Concrete Test Specimens in the Laboratory	10/16/2025
R60	Sampling Freshly Mixed Concrete	10/16/2025
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	10/16/2025
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	10/16/2025
T22	Compressive Strength of Cylindrical Concrete Specimens	10/16/2025
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	10/16/2025
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	10/16/2025
T119	Slump of Hydraulic Cement Concrete	10/16/2025
T121	Density (Unit Weight), Yield, and Air Content of Concrete	10/16/2025
T148	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	10/16/2025
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	10/16/2025
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	10/16/2025
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	10/16/2025
T309	Temperature of Freshly Mixed Portland Cement Concrete	10/16/2025
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	10/16/2025
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	10/16/2025
C39	Compressive Strength of Cylindrical Concrete Specimens	10/16/2025
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	10/16/2025
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	10/16/2025
C138	Density (Unit Weight), Yield, and Air Content of Concrete	10/16/2025
C143	Slump of Hydraulic Cement Concrete	10/16/2025
C172	Sampling Freshly Mixed Concrete	10/16/2025

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Concrete (Continued)

Standard:		Accredited Since:
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	10/16/2025
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	10/16/2025
C192	Making and Curing Concrete Test Specimens in the Laboratory	10/16/2025
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	10/16/2025
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/16/2025
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	10/16/2025
C642	Density, Absorption, and Voids in Hardened Concrete	10/16/2025
C1064	Temperature of Freshly Mixed Portland Cement Concrete	10/16/2025
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	10/16/2025

Scope of AASHTO Accreditation for:

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Masonry

Standard:	Accredited Since:
C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/16/2025
C1019 Sampling and Testing Grout	10/16/2025