AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

UES Professional Solutions 29, Inc.

in

Chantilly, Virginia, 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:

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Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	06/27/2019
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	07/18/2019
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	06/27/2019
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	07/18/2019
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/29/2024
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	07/18/2019
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/18/2019
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/29/2024
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/27/2019
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/18/2019
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/18/2019

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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)	07/18/2019
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	**Suspended**
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	07/18/2019
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	**Suspended**
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	07/18/2019
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	07/18/2019
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	08/26/2026

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	07/18/2019
T88	Particle Size Analysis of Soils by Hydrometer	07/18/2019
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	07/18/2019
T90	Plastic Limit of Soils (Atterberg Limits)	07/18/2019
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	07/18/2019
T100	Specific Gravity of Soils	07/18/2019
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/18/2019
T191	Density of Soil In-Place by the Sand Cone Method	07/18/2019
T193	The California Bearing Ratio	07/18/2019
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	07/18/2019
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	07/18/2019
T265	Laboratory Determination of Moisture Content of Soils	07/18/2019
T267	Determination of Organic Content in Soils by Loss on Ignition	07/18/2019
T289	pH of Soils for Corrosion Testing	08/26/2026
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	07/18/2019
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	07/18/2019
D422	Particle Size Analysis of Soils by Hydrometer	07/18/2019
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	07/18/2019
D854	Specific Gravity of Soils	07/18/2019
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	07/18/2019
D1556	Density of Soil In-Place by the Sand Cone Method	07/18/2019
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/18/2019
D1883	The California Bearing Ratio	07/18/2019

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Soil (Continued)

Standard:	Accredited Since:
D2216 Laboratory Determination of Moisture Content of Soils	07/18/2019
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	07/18/2019
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	07/18/2019
D2488 Description and Identification of Soils (Visual-Manual Procedure)	07/18/2019
D2974 Determination of Organic Content in Soils by Loss on Ignition	07/18/2019
D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions	01/29/2024
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	07/18/2019
D4318 Plastic Limit of Soils (Atterberg Limits)	07/18/2019
D4643 Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	07/18/2019
D4972 pH Testing of Soils	07/18/2019
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	08/26/2026
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	07/18/2019
D6951 Dynamic Cone Penetrometer In Shallow Pavement Applications	08/26/2026
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	07/18/2019

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Rock

Standard:		Accredited Since:
D4543	Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	07/18/2019
D7012 (Method C)	Compressive Strength of Rock Core Specimens (Method C)	07/18/2019

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Aggregate

Standard:	Accredited Since:
R76 Reducing Samples of Aggregate to Testing Size	07/18/2019
R90 Sampling Aggregate	07/18/2019
T11 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	07/18/2019
T27 Sieve Analysis of Fine and Coarse Aggregates	07/18/2019
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	07/18/2019
T85 Specific Gravity and Absorption of Coarse Aggregate	07/18/2019
T255 Total Moisture Content of Aggregate by Drying	07/18/2019
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	07/18/2019
C127 Specific Gravity and Absorption of Coarse Aggregate	07/18/2019
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	07/18/2019
C136 Sieve Analysis of Fine and Coarse Aggregates	07/18/2019
C566 Total Moisture Content of Aggregate by Drying	07/18/2019
C702 Reducing Samples of Aggregate to Testing Size	07/18/2019
D75 Sampling Aggregate	07/18/2019

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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	07/18/2019
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	07/18/2019

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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	06/27/2019
R60	Sampling Freshly Mixed Concrete	06/27/2019
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	06/27/2019
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/27/2019
T22	Compressive Strength of Cylindrical Concrete Specimens	06/27/2019
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	06/27/2019
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	06/27/2019
T119	Slump of Hydraulic Cement Concrete	06/27/2019
T121	Density (Unit Weight), Yield, and Air Content of Concrete	06/27/2019
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	06/27/2019
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	06/27/2019
T231 (6000 psi and below)	Capping Cylindrical Concrete Specimens	06/27/2019
T309	Temperature of Freshly Mixed Portland Cement Concrete	06/27/2019
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	06/27/2019
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/27/2019
C39	Compressive Strength of Cylindrical Concrete Specimens	06/27/2019
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	06/27/2019
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	06/27/2019
C138	Density (Unit Weight), Yield, and Air Content of Concrete	06/27/2019
C143	Slump of Hydraulic Cement Concrete	06/27/2019
C172	Sampling Freshly Mixed Concrete	06/27/2019
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	06/27/2019
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	06/27/2019

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Concrete (Continued)

Standard:		Accredited Since:
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/27/2019
C617 (6000 psi and below)	Capping Cylindrical Concrete Specimens	06/27/2019
C1064	Temperature of Freshly Mixed Portland Cement Concrete	06/27/2019
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	06/27/2019
C1542	Measuring Length of Concrete Cores	06/27/2019

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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	09/12/2024
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	08/23/2024
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	09/12/2024
C1019	Sampling and Testing Grout	09/12/2024

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