AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

UES Professional Solutions 18, LLC

in

Douglasville, 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:

UES Professional Solutions 18, LLC

in Douglasville, Georgia, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	05/06/2016
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	09/21/2016
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	07/21/2025
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	06/26/2026
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	05/06/2016
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/10/2020
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/26/2026
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/23/2016
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/06/2016
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/06/2016

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Scope of AASHTO Accreditation for:

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Asphalt Mixture

Standard:		Accredited Since:
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	07/21/2025
T30	Mechanical Analysis of Extracted Aggregate	07/21/2025
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	07/21/2025
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	07/21/2025
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	07/21/2025
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	07/21/2025
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	07/21/2025
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	07/21/2025
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	07/21/2025
D5444	Mechanical Analysis of Extracted Aggregate	07/21/2025
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	07/21/2025

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	05/06/2016
T88	Particle Size Analysis of Soils by Hydrometer	05/25/2022
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	05/06/2016
T90	Plastic Limit of Soils (Atterberg Limits)	05/06/2016
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	05/06/2016
T134	Moisture-Density Relations of Soil-Cement Mixtures	07/21/2025
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/06/2016
T265	Laboratory Determination of Moisture Content of Soils	05/06/2016
T267	Determination of Organic Content in Soils by Loss on Ignition	07/21/2025
T289	pH of Soils for Corrosion Testing	07/21/2025
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	07/21/2025
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	05/06/2016
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	05/06/2016
D422	Particle Size Analysis of Soils by Hydrometer	05/25/2022
D558	Moisture-Density Relations of Soil-Cement Mixtures	07/21/2025
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	05/06/2016
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	05/06/2016
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/06/2016
D1633	Compressive Strength of Molded Soil-Cement Cylinders	07/21/2025
D2216	Laboratory Determination of Moisture Content of Soils	05/06/2016
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	05/06/2016
D2488	Description and Identification of Soils (Visual-Manual Procedure)	05/06/2016
D2937	Density of Soil in Place by the Drive-Cylinder Method	12/21/2017

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Soil (Continued)

Standard:	Accredited Since:
D2974 Determination of Organic Content in Soils by Loss on Ignition	07/21/2025
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	05/06/2016
D4318 Plastic Limit of Soils (Atterberg Limits)	05/06/2016
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	07/21/2025
D4972 pH Testing of Soils	07/21/2025
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	07/21/2025
D5334 Determination of Thermal Conductivity of Soil and Rock by Thermal Needle Probe	07/21/2025
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	05/06/2016

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	05/06/2016
R90	Sampling Aggregate	05/25/2022
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	05/06/2016
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	07/21/2025
T21	Organic Impurities in Fine Aggregates for Concrete	07/21/2025
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/06/2016
T85	Specific Gravity and Absorption of Coarse Aggregate	05/06/2016
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	01/13/2026
T112	Clay Lumps and Friable Particles in Aggregate	07/21/2025
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	07/21/2025
T255	Total Moisture Content of Aggregate by Drying	05/06/2016
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	07/21/2025
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	07/21/2025
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	07/21/2025
C40	Organic Impurities in Fine Aggregates for Concrete	07/21/2025
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	01/13/2026
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	05/06/2016
C127	Specific Gravity and Absorption of Coarse Aggregate	05/06/2016
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/06/2016
C142	Clay Lumps and Friable Particles in Aggregate	07/21/2025
C566	Total Moisture Content of Aggregate by Drying	05/06/2016
C702	Reducing Samples of Aggregate to Testing Size	05/06/2016
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	07/21/2025

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Aggregate (Continued)

Standard:		Accredited Since:
D75	Sampling Aggregate	05/25/2022
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	07/21/2025
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	07/21/2025
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	07/21/2025

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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	05/06/2016
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	05/06/2016

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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	02/28/2017
R39	Making and Curing Concrete Test Specimens in the Laboratory	11/09/2022
R60	Sampling Freshly Mixed Concrete	02/28/2017
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	02/28/2017
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/28/2017
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	01/13/2026
T22	Compressive Strength of Cylindrical Concrete Specimens	02/28/2017
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	10/03/2019
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	02/28/2017
T119	Slump of Hydraulic Cement Concrete	02/28/2017
T121	Density (Unit Weight), Yield, and Air Content of Concrete	02/28/2017
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	02/28/2017
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	01/13/2026
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/28/2017
T231 (11000 psi and below)	Capping Cylindrical Concrete Specimens	01/13/2026
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	01/13/2026
T309	Temperature of Freshly Mixed Portland Cement Concrete	02/28/2017
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	02/28/2017
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/28/2017
C39	Compressive Strength of Cylindrical Concrete Specimens	09/21/2016
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	10/03/2019
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	02/28/2017
C138	Density (Unit Weight), Yield, and Air Content of Concrete	09/21/2016

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Concrete (Continued)

Standard:		Accredited Since:
C143	Slump of Hydraulic Cement Concrete	09/21/2016
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	01/13/2026
C172	Sampling Freshly Mixed Concrete	09/21/2016
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	09/21/2016
C192	Making and Curing Concrete Test Specimens in the Laboratory	11/09/2022
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	09/21/2016
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	01/13/2026
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/21/2016
C617 (11000 psi and below)	Capping Cylindrical Concrete Specimens	01/13/2026
C1064	Temperature of Freshly Mixed Portland Cement Concrete	09/21/2016
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	09/21/2016
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	01/13/2026
C1542	Measuring Length of Concrete Cores	10/03/2019
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	01/13/2026

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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	09/21/2016
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	01/13/2026
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	01/13/2026
C780 (Annex 6 - Cylinders)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cylinders	01/13/2026
C1019	Sampling and Testing Grout	09/21/2016

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