AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

UES Professional Solutions 18, LLC

in

Kingsport, Tennessee, 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 Kingsport, Tennessee, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	08/27/2013
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	09/13/2023
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/17/2019
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	04/30/2018
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	04/30/2018
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	04/30/2018
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/06/2021
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/06/2021
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/27/2021
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/06/2021
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/06/2021

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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)	04/30/2018
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	08/27/2013
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	08/27/2013
T355	Density of Bituminous Concrete In Place by Nuclear Methods	01/06/2021
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	08/27/2013
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	04/30/2018
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	04/30/2018
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	08/27/2013

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	08/27/2013
T88	Particle Size Analysis of Soils by Hydrometer	04/30/2018
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	08/27/2013
T90	Plastic Limit of Soils (Atterberg Limits)	08/27/2013
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	08/27/2013
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	08/27/2013
T191	Density of Soil In-Place by the Sand Cone Method	08/27/2013
T265	Laboratory Determination of Moisture Content of Soils	08/27/2013
T267	Determination of Organic Content in Soils by Loss on Ignition	04/30/2018
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	08/27/2013
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	08/27/2013
D422	Particle Size Analysis of Soils by Hydrometer	04/30/2018
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	08/27/2013
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	08/27/2013
D1556	Density of Soil In-Place by the Sand Cone Method	08/27/2013
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	08/27/2013
D2216	Laboratory Determination of Moisture Content of Soils	08/27/2013
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	08/27/2013
D2974	Determination of Organic Content in Soils by Loss on Ignition	04/30/2018
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	04/27/2016
D4318	Plastic Limit of Soils (Atterberg Limits)	08/27/2013
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	08/27/2013

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	09/13/2023
R90	Sampling Aggregate	01/06/2021
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	09/13/2023
T21	Organic Impurities in Fine Aggregates for Concrete	09/13/2023
T27	Sieve Analysis of Fine and Coarse Aggregates	09/13/2023
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	09/13/2023
T85	Specific Gravity and Absorption of Coarse Aggregate	09/13/2023
T112	Clay Lumps and Friable Particles in Aggregate	01/06/2021
T255	Total Moisture Content of Aggregate by Drying	09/13/2023
C40	Organic Impurities in Fine Aggregates for Concrete	09/13/2023
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	09/13/2023
C127	Specific Gravity and Absorption of Coarse Aggregate	09/13/2023
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	09/13/2023
C136	Sieve Analysis of Fine and Coarse Aggregates	09/13/2023
C142	Clay Lumps and Friable Particles in Aggregate	01/06/2021
C566	Total Moisture Content of Aggregate by Drying	09/13/2023
C702	Reducing Samples of Aggregate to Testing Size	09/13/2023
D75	Sampling Aggregate	01/06/2021

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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	01/06/2021
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	01/06/2021

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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	06/30/2016
R60	Sampling Freshly Mixed Concrete	06/30/2016
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/30/2016
T22	Compressive Strength of Cylindrical Concrete Specimens	06/30/2016
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	10/27/2021
T119	Slump of Hydraulic Cement Concrete	06/30/2016
T121	Density (Unit Weight), Yield, and Air Content of Concrete	06/30/2016
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	06/30/2016
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	06/30/2016
T231 (5000 psi and below)	Capping Cylindrical Concrete Specimens	06/24/2025
T309	Temperature of Freshly Mixed Portland Cement Concrete	06/30/2016
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/30/2016
C39	Compressive Strength of Cylindrical Concrete Specimens	06/30/2016
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	10/27/2021
C138	Density (Unit Weight), Yield, and Air Content of Concrete	06/30/2016
C143	Slump of Hydraulic Cement Concrete	06/30/2016
C172	Sampling Freshly Mixed Concrete	06/30/2016
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	06/30/2016
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	06/30/2016
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/30/2016
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	06/24/2025
C1064	Temperature of Freshly Mixed Portland Cement Concrete	06/30/2016
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	06/30/2016

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Concrete (Continued)

Standard:		Accredited Since:
C1542	Measuring Length of Concrete Cores	10/27/2021

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