AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

UES Professional Solutions, LLC

in

Jacksonville, Florida, 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, LLC

in Jacksonville, Florida, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	01/23/2009
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	07/21/2014
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/20/2012
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	03/01/2012
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	01/10/2011
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/21/2014
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/14/2023

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/23/2009
T88	Particle Size Analysis of Soils by Hydrometer	01/23/2009
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	01/23/2009
T90	Plastic Limit of Soils (Atterberg Limits)	01/23/2009
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/23/2009
T100	Specific Gravity of Soils	01/23/2009
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/23/2009
T191	Density of Soil In-Place by the Sand Cone Method	01/23/2009
T193	The California Bearing Ratio	01/23/2009
T217	Determination of Moisture in Soils by Means of a Calcium Carbide Gas Pressure Moisture Tester	01/23/2009
T265	Laboratory Determination of Moisture Content of Soils	01/23/2009
T267	Determination of Organic Content in Soils by Loss on Ignition	01/23/2009
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/23/2009
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/23/2009
D422	Particle Size Analysis of Soils by Hydrometer	01/23/2009
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/23/2009
D854	Specific Gravity of Soils	01/23/2009
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	01/23/2009
D1556	Density of Soil In-Place by the Sand Cone Method	08/19/2026
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/23/2009
D1883	The California Bearing Ratio	01/23/2009
D2216	Laboratory Determination of Moisture Content of Soils	01/23/2009
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	01/23/2009

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Soil (Continued)

Standard:		Accredited Since:
D2488	Description and Identification of Soils (Visual-Manual Procedure)	01/23/2009
D2974	Determination of Organic Content in Soils by Loss on Ignition	09/29/2011
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	01/23/2009
D4318	Plastic Limit of Soils (Atterberg Limits)	01/23/2009
D4944	Determination of Moisture in Soils by Means of a Calcium Carbide Gas Pressure Moisture Tester	01/23/2009
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/23/2009
FM1-T180	Moisture-Density Relations of Soils for Limerock Bearing Ratio	07/12/2018
FM5-515	Limerock Bearing Ratio	09/29/2011
FM5-550	pH of Soil and Water	11/20/2020
FM5-551	Minimum Resistivity of Soil and Water	11/20/2020
FM5-552	Chloride in Soil and Water	11/20/2020
FM5-553	Sulfate in Soil and Water	11/20/2020

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	01/23/2009
R90	Sampling Aggregate	08/23/2013
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	01/23/2009
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	01/23/2009
T21	Organic Impurities in Fine Aggregates for Concrete	09/29/2011
T27	Sieve Analysis of Fine and Coarse Aggregates	01/23/2009
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/23/2009
T85	Specific Gravity and Absorption of Coarse Aggregate	01/23/2009
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/08/2016
T255	Total Moisture Content of Aggregate by Drying	01/23/2009
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	01/23/2009
C40	Organic Impurities in Fine Aggregates for Concrete	09/29/2011
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	01/23/2009
C127	Specific Gravity and Absorption of Coarse Aggregate	01/23/2009
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/23/2009
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/08/2016
C136	Sieve Analysis of Fine and Coarse Aggregates	01/23/2009
C566	Total Moisture Content of Aggregate by Drying	01/23/2009
C702	Reducing Samples of Aggregate to Testing Size	01/23/2009
D75	Sampling Aggregate	08/23/2013

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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	09/28/2026
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	03/14/2023

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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	07/21/2014
R39	Making and Curing Concrete Test Specimens in the Laboratory	07/21/2014
R60	Sampling Freshly Mixed Concrete	07/21/2014
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	07/21/2014
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	07/21/2014
T22	Compressive Strength of Cylindrical Concrete Specimens	07/21/2014
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	07/21/2014
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	07/21/2014
T119	Slump of Hydraulic Cement Concrete	07/21/2014
T121	Density (Unit Weight), Yield, and Air Content of Concrete	07/21/2014
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	07/21/2014
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	07/21/2014
T231 (8000 psi and below)	Capping Cylindrical Concrete Specimens	05/13/2026
T309	Temperature of Freshly Mixed Portland Cement Concrete	07/21/2014
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	01/20/2012
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	01/20/2012
C39	Compressive Strength of Cylindrical Concrete Specimens	01/20/2012
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	01/20/2012
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	01/20/2012
C138	Density (Unit Weight), Yield, and Air Content of Concrete	01/20/2012
C143	Slump of Hydraulic Cement Concrete	01/20/2012
C172	Sampling Freshly Mixed Concrete	01/20/2012
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	01/20/2012

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Concrete (Continued)

Standard:		Accredited Since:
C192	Making and Curing Concrete Test Specimens in the Laboratory	01/20/2012
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	01/20/2012
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/20/2012
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	05/13/2026
C803	Penetration Resistance of Hardened Concrete	01/20/2012
C805	Rebound Number of Hardened Concrete	01/20/2012
C1064	Temperature of Freshly Mixed Portland Cement Concrete	01/20/2012
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	01/20/2012
C1542	Measuring Length of Concrete Cores	07/21/2014

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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	01/20/2012
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	06/20/2019
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	07/21/2014
C780 (Annex 6 - Cylinders)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cylinders	01/26/2017
C1019	Sampling and Testing Grout	01/20/2012

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