AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

UES Professional Solutions 44, LLC

in

Dallas, Texas, 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 44, LLC

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Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	12/30/2003
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	09/01/2020
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	03/26/2012
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	10/27/2022
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	11/03/2016
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/01/2020
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/11/2013
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/03/2016
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/03/2020

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Scope of AASHTO Accreditation for:

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/21/2016
R74	Wet Preparation of Disturbed Soil Samples for Test	10/27/2022
T88	Particle Size Analysis of Soils by Hydrometer	10/27/2022
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	12/30/2003
T90	Plastic Limit of Soils (Atterberg Limits)	12/30/2003
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/30/2003
T100	Specific Gravity of Soils	01/30/2025
T134	Moisture-Density Relations of Soil-Cement Mixtures	12/30/2003
T135	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	06/23/2020
T136	Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	01/30/2025
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/30/2003
T191	Density of Soil In-Place by the Sand Cone Method	06/23/2020
T193	The California Bearing Ratio	12/30/2003
T208	Unconfined Compressive Strength of Cohesive Soil	12/30/2003
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	12/30/2003
T265	Laboratory Determination of Moisture Content of Soils	12/30/2003
T289	pH of Soils for Corrosion Testing	01/30/2025
T291	Determining Water-Soluble Chloride Ion Content in Soil	01/30/2025
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	01/30/2025
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	01/30/2025
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	12/30/2003
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/21/2016
D422	Particle Size Analysis of Soils by Hydrometer	10/27/2022

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Soil (Continued)

Standard:		Accredited Since:
D558	Moisture-Density Relations of Soil-Cement Mixtures	12/30/2003
D559	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	06/23/2020
D560	Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	01/30/2025
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/30/2003
D854	Specific Gravity of Soils	01/30/2025
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	12/30/2003
D1556	Density of Soil In-Place by the Sand Cone Method	06/23/2020
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/30/2003
D1633	Compressive Strength of Molded Soil-Cement Cylinders	02/27/2025
D1883	The California Bearing Ratio	12/30/2003
D2166	Unconfined Compressive Strength of Cohesive Soil	12/30/2003
D2216	Laboratory Determination of Moisture Content of Soils	12/30/2003
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	12/30/2003
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	12/30/2003
D2488	Description and Identification of Soils (Visual-Manual Procedure)	12/30/2003
D2850	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	01/30/2025
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	12/30/2003
D4318	Plastic Limit of Soils (Atterberg Limits)	12/30/2003
D4546	One-Dimensional Swell or Settlement Potential of Cohesive Soils	12/30/2003
D4643	Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	10/27/2022
D4718	Oversize Particle Correction	10/27/2022
D4767	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	01/30/2025
D4972	pH Testing of Soils	10/27/2022

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Soil (Continued)

Standard:		Accredited Since:
D5084	Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	01/30/2025
D6913	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	01/30/2025
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	12/30/2003
D7263	Density and Unit Weight of Soil	01/30/2025
D7928	Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	01/30/2025
G57	Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	10/27/2022
Tex-113-E	Compaction Characteristics and Moisture-Density Relationship of Base Materials (Texas)	05/30/2025

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Rock

Standard:		Accredited Since:
D4543	Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	02/27/2025
D7012 (Method C)	Compressive Strength of Rock Core Specimens (Method C)	02/27/2025

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	03/29/2005
R90	Sampling Aggregate	10/27/2022
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	03/29/2005
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	10/27/2022
T21	Organic Impurities in Fine Aggregates for Concrete	02/09/2016
T27	Sieve Analysis of Fine and Coarse Aggregates	09/01/2020
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/29/2005
T85	Specific Gravity and Absorption of Coarse Aggregate	03/29/2005
T255	Total Moisture Content of Aggregate by Drying	03/29/2005
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	10/27/2022
C40	Organic Impurities in Fine Aggregates for Concrete	03/29/2005
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	03/29/2005
C127	Specific Gravity and Absorption of Coarse Aggregate	03/29/2005
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/29/2005
C136	Sieve Analysis of Fine and Coarse Aggregates	09/01/2020
C566	Total Moisture Content of Aggregate by Drying	03/29/2005
C702	Reducing Samples of Aggregate to Testing Size	03/29/2005
D75	Sampling Aggregate	10/27/2022
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	01/30/2025

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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	09/03/2020
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	09/03/2020

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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	02/09/2016
R39	Making and Curing Concrete Test Specimens in the Laboratory	12/10/2024
R60	Sampling Freshly Mixed Concrete	02/09/2016
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	02/09/2016
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/09/2016
T22	Compressive Strength of Cylindrical Concrete Specimens	02/09/2016
T24 (Drilling Cores of Concrete)	Drilling Cores of Concrete	02/09/2016
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	02/09/2016
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	02/09/2016
T119	Slump of Hydraulic Cement Concrete	02/09/2016
T121	Density (Unit Weight), Yield, and Air Content of Concrete	02/09/2016
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	02/09/2016
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/09/2016
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	08/21/2024
T309	Temperature of Freshly Mixed Portland Cement Concrete	02/09/2016
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	02/07/2011
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/07/2011
C39	Compressive Strength of Cylindrical Concrete Specimens	01/28/2008
C42 (Drilling Cores of Concrete)	Drilling Cores of Concrete	02/07/2011
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	02/07/2011
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	02/07/2011
C138	Density (Unit Weight), Yield, and Air Content of Concrete	01/28/2008
C143	Slump of Hydraulic Cement Concrete	01/28/2008

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Concrete (Continued)

Standard:		Accredited Since:
C172	Sampling Freshly Mixed Concrete	01/28/2008
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	01/28/2008
C192	Making and Curing Concrete Test Specimens in the Laboratory	12/10/2024
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	01/28/2008
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	12/11/2013
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	08/21/2024
C1064	Temperature of Freshly Mixed Portland Cement Concrete	01/28/2008
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	02/07/2011

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