AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

UES Professional Solutions 44, LLC

in

Round Rock, 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	02/10/2016
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	10/25/2023
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	02/10/2016
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/11/2021
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	06/29/2016
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/10/2016
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/10/2016
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/29/2016

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	08/02/2018
T88	Particle Size Analysis of Soils by Hydrometer	08/02/2018
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	08/02/2018
T90	Plastic Limit of Soils (Atterberg Limits)	08/02/2018
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	08/17/2018
T134	Moisture-Density Relations of Soil-Cement Mixtures	08/02/2018
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	08/02/2018
T191	Density of Soil In-Place by the Sand Cone Method	08/02/2018
T193	The California Bearing Ratio	08/17/2018
T208	Unconfined Compressive Strength of Cohesive Soil	08/02/2018
T265	Laboratory Determination of Moisture Content of Soils	08/02/2018
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	08/02/2018
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	05/19/2016
D422	Particle Size Analysis of Soils by Hydrometer	08/02/2018
D558	Moisture-Density Relations of Soil-Cement Mixtures	08/02/2018
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	05/19/2016
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	05/19/2016
D1556	Density of Soil In-Place by the Sand Cone Method	05/19/2016
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/19/2016
D1883	The California Bearing Ratio	05/19/2016
D2166	Unconfined Compressive Strength of Cohesive Soil	05/19/2016
D2216	Laboratory Determination of Moisture Content of Soils	05/19/2016
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	05/19/2016

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Soil (Continued)

Standard:		Accredited Since:
D2488	Description and Identification of Soils (Visual-Manual Procedure)	05/19/2016
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	05/19/2016
D4318	Plastic Limit of Soils (Atterberg Limits)	05/19/2016
D4546	One-Dimensional Swell or Settlement Potential of Cohesive Soils	05/15/2023
D4718	Oversize Particle Correction	05/19/2016
D4972	pH Testing of Soils	10/30/2025
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	05/19/2016
D6951	Dynamic Cone Penetrometer In Shallow Pavement Applications	10/30/2025
G57	Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	10/30/2025
Tex-113-E	Compaction Characteristics and Moisture-Density Relationship of Base Materials (Texas)	08/02/2018

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Rock

Standard:		Accredited Since:
D4543	Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	10/30/2025
D7012 (Method C)	Compressive Strength of Rock Core Specimens (Method C)	10/30/2025

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	09/08/2021
R90	Sampling Aggregate	08/02/2018
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	09/08/2021
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	09/08/2021
T21	Organic Impurities in Fine Aggregates for Concrete	09/08/2021
T27	Sieve Analysis of Fine and Coarse Aggregates	09/08/2021
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/19/2022
T85	Specific Gravity and Absorption of Coarse Aggregate	09/08/2021
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	05/15/2023
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	05/15/2023
T112	Clay Lumps and Friable Particles in Aggregate	08/02/2018
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	09/08/2021
T255	Total Moisture Content of Aggregate by Drying	09/08/2021
T327	Resistance to Abrasion by Micro-Deval (Coarse Aggregate)	10/30/2025
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	08/02/2018
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	09/08/2021
C40	Organic Impurities in Fine Aggregates for Concrete	02/10/2016
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	05/15/2023
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	02/10/2016
C127	Specific Gravity and Absorption of Coarse Aggregate	02/10/2016
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	02/10/2016
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	05/19/2016
C136	Sieve Analysis of Fine and Coarse Aggregates	02/10/2016

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Aggregate (Continued)

Standard:		Accredited Since:
C142	Clay Lumps and Friable Particles in Aggregate	08/02/2018
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	06/15/2018
C566	Total Moisture Content of Aggregate by Drying	02/10/2016
C702	Reducing Samples of Aggregate to Testing Size	02/10/2016
D75	Sampling Aggregate	08/02/2018
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	09/08/2021
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	09/08/2021
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	08/02/2018
D6928	Resistance to Abrasion by Micro-Deval (Coarse Aggregate)	10/30/2025

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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	09/08/2021
R60	Sampling Freshly Mixed Concrete	09/08/2021
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	09/08/2021
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	09/08/2021
T22	Compressive Strength of Cylindrical Concrete Specimens	09/08/2021
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	10/15/2025
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	09/08/2021
T119	Slump of Hydraulic Cement Concrete	09/08/2021
T121	Density (Unit Weight), Yield, and Air Content of Concrete	09/08/2021
T148	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	10/15/2025
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	09/08/2021
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	04/19/2022
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	10/15/2025
T309	Temperature of Freshly Mixed Portland Cement Concrete	09/08/2021
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	06/15/2018
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/15/2018
C39	Compressive Strength of Cylindrical Concrete Specimens	02/10/2016
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	10/15/2025
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	06/15/2018
C138	Density (Unit Weight), Yield, and Air Content of Concrete	02/10/2016
C143	Slump of Hydraulic Cement Concrete	02/10/2016
C172	Sampling Freshly Mixed Concrete	02/10/2016
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/10/2016

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Concrete (Continued)

Standard:		Accredited Since:
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	10/15/2025
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	02/10/2016
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	02/10/2016
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	10/15/2025
C1064	Temperature of Freshly Mixed Portland Cement Concrete	02/10/2016
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	02/10/2016

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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	02/10/2016
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	09/08/2021
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	02/10/2016

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