AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

UES Professional Solutions 25, LLC

in

Memphis, 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 25, LLC

in Memphis, Tennessee, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	01/15/2002
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	09/29/2017
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	04/12/2012
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	09/29/2017
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/12/2012

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/15/2002
T88	Particle Size Analysis of Soils by Hydrometer	01/15/2002
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	01/15/2002
T90	Plastic Limit of Soils (Atterberg Limits)	01/15/2002
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/15/2002
T100	Specific Gravity of Soils	**Suspended**
T134	Moisture-Density Relations of Soil-Cement Mixtures	01/15/2002
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/15/2002
T191	Density of Soil In-Place by the Sand Cone Method	05/20/2024
T193	The California Bearing Ratio	01/15/2002
T208	Unconfined Compressive Strength of Cohesive Soil	01/15/2002
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	01/15/2002
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	10/25/2013
T265	Laboratory Determination of Moisture Content of Soils	01/15/2002
T267	Determination of Organic Content in Soils by Loss on Ignition	06/07/2018
T288	Minimum Soil Resistivity	06/07/2018
T289	pH of Soils for Corrosion Testing	06/07/2018
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	01/15/2002
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	01/15/2002
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/15/2002
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/15/2002
D422	Particle Size Analysis of Soils by Hydrometer	01/15/2002
D558	Moisture-Density Relations of Soil-Cement Mixtures	01/15/2002

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Soil (Continued)

Standard:	Accredited Since:
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/15/2002
D854 Specific Gravity of Soils	**Suspended**
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	06/07/2018
D1556 Density of Soil In-Place by the Sand Cone Method	06/07/2018
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/15/2002
D1883 The California Bearing Ratio	01/15/2002
D2166 Unconfined Compressive Strength of Cohesive Soil	01/15/2002
D2216 Laboratory Determination of Moisture Content of Soils	01/15/2002
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	01/15/2002
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	06/07/2018
D2488 Description and Identification of Soils (Visual-Manual Procedure)	05/20/2024
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	01/15/2002
D2974 Determination of Organic Content in Soils by Loss on Ignition	06/07/2018
D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions	10/25/2013
D4253 Maximum Index Density and Unit Weight of Soils Using a Vibratory Table	06/07/2018
D4254 Minimum Index Density and Unit Weight of Soils and Calculation of Relative Density	06/07/2018
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	01/15/2002
D4318 Plastic Limit of Soils (Atterberg Limits)	01/15/2002
D4718 Oversize Particle Correction	06/07/2018
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	01/15/2002
D4972 pH Testing of Soils	06/07/2018
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	06/07/2018
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	06/07/2018

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Soil (Continued)

Standard:	Accredited Since:
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/15/2002
D7263 Density and Unit Weight of Soil	05/20/2024
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	**Suspended**

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	03/04/2020
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	03/04/2020
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	03/04/2020
T21	Organic Impurities in Fine Aggregates for Concrete	03/04/2020
T27	Sieve Analysis of Fine and Coarse Aggregates	03/04/2020
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/04/2020
T85	Specific Gravity and Absorption of Coarse Aggregate	03/04/2020
T255	Total Moisture Content of Aggregate by Drying	03/04/2020
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	01/15/2003
C40	Organic Impurities in Fine Aggregates for Concrete	01/15/2003
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	01/15/2003
C127	Specific Gravity and Absorption of Coarse Aggregate	09/29/2017
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/15/2003
C136	Sieve Analysis of Fine and Coarse Aggregates	01/15/2003
C566	Total Moisture Content of Aggregate by Drying	01/15/2003
C702	Reducing Samples of Aggregate to Testing Size	01/15/2003

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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	06/28/2023
R39	Making and Curing Concrete Test Specimens in the Laboratory	06/28/2023
R60	Sampling Freshly Mixed Concrete	06/28/2023
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	06/28/2023
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/28/2023
T22	Compressive Strength of Cylindrical Concrete Specimens	06/28/2023
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	06/28/2023
T119	Slump of Hydraulic Cement Concrete	06/28/2023
T121	Density (Unit Weight), Yield, and Air Content of Concrete	06/28/2023
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	06/28/2023
T231 (6000 psi and below)	Capping Cylindrical Concrete Specimens	07/31/2026
T309	Temperature of Freshly Mixed Portland Cement Concrete	06/28/2023
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	01/15/2003
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	01/15/2003
C39	Compressive Strength of Cylindrical Concrete Specimens	01/15/2003
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	01/15/2003
C138	Density (Unit Weight), Yield, and Air Content of Concrete	01/15/2003
C143	Slump of Hydraulic Cement Concrete	01/15/2003
C172	Sampling Freshly Mixed Concrete	01/15/2003
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	01/15/2003
C192	Making and Curing Concrete Test Specimens in the Laboratory	01/15/2003
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/23/2012
C617 (6000 psi and below)	Capping Cylindrical Concrete Specimens	07/31/2026

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Concrete (Continued)

Standard:		Accredited Since:
C1064	Temperature of Freshly Mixed Portland Cement Concrete	01/15/2003
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	08/23/2012

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