AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

UES Professional Solutions 30, LLC

in

Las Vegas, Nevada, 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 30, LLC

in Las Vegas, Nevada, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/15/2002
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	02/13/2015
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	08/23/2012
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	02/10/2016
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/30/2012
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/30/2012
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	07/24/2015
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/30/2012
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/30/2012
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/09/2014
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/06/2021
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/24/2015
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/30/2017

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Scope of AASHTO Accreditation for:

UES Professional Solutions 30, LLC

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Asphalt Mixture

Standard:		Accredited Since:
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	02/13/2015
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	02/13/2015
R97	Sampling Bituminous Paving Mixtures	12/01/2022
T30	Mechanical Analysis of Extracted Aggregate	02/13/2015
T164	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	02/13/2015
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	08/07/2008
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	08/07/2008
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	04/14/2016
T246	Resistance to Deformation and Cohesion of Bituminous Mixtures by Means of Hveem Apparatus	04/14/2016
T247	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	04/14/2016
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	08/07/2008
T275	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	08/07/2008
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	04/14/2016
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/14/2016
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	07/10/2019
T331	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	02/13/2015
T340	Determining Rutting Susceptibility of Hot Mix Asphalt (HMA) Using the Asphalt Pavement Analyzer (APA)	12/01/2022
T355	Density of Bituminous Concrete In Place by Nuclear Methods	12/01/2022
D979	Sampling Bituminous Paving Mixtures	05/30/2017
D1560 (Stability)	Resistance to Deformation of Bituminous Mixtures by Means of Hveem Apparatus	04/14/2016
D1561	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	04/14/2016
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	08/07/2008
D2172	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	02/13/2015

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Asphalt Mixture (Continued)

Standard:		Accredited Since:
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	08/07/2008
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	02/13/2015
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	08/07/2008
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	12/01/2022
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	04/14/2016
D5444	Mechanical Analysis of Extracted Aggregate	02/13/2015
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/14/2016
D6752	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	02/13/2015
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	02/13/2015
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	04/14/2016
D6931	Indirect Tensile Strength (IDT)	04/14/2016

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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	07/24/2015
T88	Particle Size Analysis of Soils by Hydrometer	07/24/2015
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	07/24/2015
T90	Plastic Limit of Soils (Atterberg Limits)	07/24/2015
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	07/24/2015
T100	Specific Gravity of Soils	05/26/2011
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/24/2015
T190	Resistance R-Value and Expansion Pressure of Compacted Soils	07/24/2015
T191	Density of Soil In-Place by the Sand Cone Method	07/24/2015
T193	The California Bearing Ratio	12/01/2022
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	07/10/2019
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	07/10/2019
T265	Laboratory Determination of Moisture Content of Soils	07/24/2015
T288	Minimum Soil Resistivity	07/10/2019
T289	pH of Soils for Corrosion Testing	12/01/2022
T290 (Method B)	Determining Water-Soluble Sulfate Ion Content in Soil	12/01/2022
T291	Determining Water-Soluble Chloride Ion Content in Soil	12/01/2022
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	07/24/2015
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	05/26/2011
D422	Particle Size Analysis of Soils by Hydrometer	05/26/2011
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	05/26/2011
D854	Specific Gravity of Soils	04/13/2026
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	05/26/2011

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Soil (Continued)

Standard:		Accredited Since:
D1556	Density of Soil In-Place by the Sand Cone Method	05/26/2011
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/26/2011
D1883	The California Bearing Ratio	12/01/2022
D2216	Laboratory Determination of Moisture Content of Soils	05/26/2011
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	07/10/2019
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	05/26/2011
D2488	Description and Identification of Soils (Visual-Manual Procedure)	07/24/2015
D2844	Resistance R-Value and Expansion Pressure of Compacted Soils	08/30/2012
D3080	Direct Shear Test of Soils Under Consolidated Drained Conditions	12/01/2022
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	05/26/2011
D4318	Plastic Limit of Soils (Atterberg Limits)	05/26/2011
D4718	Oversize Particle Correction	04/13/2026
D4829	Expansion Index of Soils	07/10/2019
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	05/26/2011

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	04/15/2002
R90	Sampling Aggregate	08/30/2012
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	04/15/2002
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	04/15/2002
T21	Organic Impurities in Fine Aggregates for Concrete	04/15/2002
T27	Sieve Analysis of Fine and Coarse Aggregates	04/15/2002
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/15/2002
T85	Specific Gravity and Absorption of Coarse Aggregate	04/15/2002
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/10/2016
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	02/10/2016
T112	Clay Lumps and Friable Particles in Aggregate	02/10/2016
T113	Lightweight Pieces in Aggregate	02/10/2016
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	07/24/2015
T210	Aggregate Durability Index	07/10/2019
T255	Total Moisture Content of Aggregate by Drying	04/15/2002
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	04/14/2016
T330	The Qualitative Detection of Harmful Clays of the Smectite Group in Aggregates Using Methylene Blue	12/01/2022
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	02/10/2016
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	04/15/2002
C40	Organic Impurities in Fine Aggregates for Concrete	04/15/2002
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	02/10/2016
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	04/15/2002
C123	Lightweight Pieces in Aggregate	02/10/2016

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Aggregate (Continued)

Standard:		Accredited Since:
C127	Specific Gravity and Absorption of Coarse Aggregate	04/15/2002
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/15/2002
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/10/2016
C136	Sieve Analysis of Fine and Coarse Aggregates	04/15/2002
C142	Clay Lumps and Friable Particles in Aggregate	02/10/2016
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/10/2016
C566	Total Moisture Content of Aggregate by Drying	04/15/2002
C702	Reducing Samples of Aggregate to Testing Size	04/15/2002
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	04/14/2016
D75	Sampling Aggregate	08/30/2012
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	04/25/2012
D3744	Aggregate Durability Index	07/10/2019
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	02/10/2016
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	02/13/2015

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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	05/26/2011
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	07/24/2015

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Iron and Steel

Standard:		Accredited Since:
M31-T244	Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	07/10/2019
M31-T244	Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	07/10/2019
M31-T244	Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	07/10/2019
M31-T285	Carbon-Steel Bars, Deformed and Plain: Bend Test	08/31/2021
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	07/10/2019
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	07/10/2019
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	07/10/2019
A615-E290	Carbon-Steel Bars, Deformed and Plain: Bend Test	08/31/2021

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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	05/09/2014
R39	Making and Curing Concrete Test Specimens in the Laboratory	02/10/2016
R60	Sampling Freshly Mixed Concrete	05/09/2014
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	02/10/2016
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/10/2016
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	12/31/2024
T22	Compressive Strength of Cylindrical Concrete Specimens	05/09/2014
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	05/09/2014
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	02/10/2016
T119	Slump of Hydraulic Cement Concrete	05/09/2014
T121	Density (Unit Weight), Yield, and Air Content of Concrete	05/09/2014
T148	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	12/31/2024
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	05/09/2014
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	02/10/2016
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	05/09/2014
T198	Splitting Tensile Strength of Cylindrical Concrete Specimens	02/10/2016
T231 (6000 psi and below)	Capping Cylindrical Concrete Specimens	12/31/2024
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	02/10/2016
T309	Temperature of Freshly Mixed Portland Cement Concrete	05/09/2014
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	02/10/2016
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/10/2016
C39	Compressive Strength of Cylindrical Concrete Specimens	01/13/2011
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	05/01/2002

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Scope of AASHTO Accreditation for:

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Concrete (Continued)

Standard:		Accredited Since:
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	02/10/2016
C138	Density (Unit Weight), Yield, and Air Content of Concrete	05/01/2002
C143	Slump of Hydraulic Cement Concrete	05/01/2002
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	02/10/2016
C172	Sampling Freshly Mixed Concrete	05/01/2002
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	05/01/2002
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	12/31/2024
C192	Making and Curing Concrete Test Specimens in the Laboratory	02/10/2016
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	05/01/2002
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	12/31/2024
C469	Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression	02/10/2016
C496	Splitting Tensile Strength of Cylindrical Concrete Specimens	02/10/2016
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/09/2014
C567	Determining Density of Structural Lightweight Concrete	02/10/2016
C617 (6000 psi and below)	Capping Cylindrical Concrete Specimens	12/31/2024
C1064	Temperature of Freshly Mixed Portland Cement Concrete	05/01/2002
C1140	Preparing and Testing Specimens from Shotcrete Test Panels	02/10/2016
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	05/01/2002
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	02/10/2016
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	02/10/2016

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Masonry

Standard:		Accredited Since:
C140 (Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	02/10/2016
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/06/2021
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	04/06/2021
C780 (Annex 4)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Mortar Aggregate Ratio	04/06/2021
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	04/06/2021
C780 (Annex 6 - Cylinders)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cylinders	04/06/2021
C1314	Compressive Strength of Masonry Prisms	05/09/2014
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	05/09/2014

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