AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

UES Professional Solutions, Inc.

in

West Sacramento, California, 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

This certificate was generated on 04/01/2026 at 12:37 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

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Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	11/15/1995
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/24/2012
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/31/2014
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	01/10/2011
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/24/2012
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/24/2012
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	09/20/2016
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/24/2012
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/24/2012
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/31/2014
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/03/2014
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/20/2016
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/31/2014

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Asphalt Mixture

Standard:		Accredited Since:
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	04/07/2020
T30	Mechanical Analysis of Extracted Aggregate	04/07/2020
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	04/07/2020
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/07/2020
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/07/2020
T275 (Cores)	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens (Cores)	04/07/2020
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/07/2020
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	04/07/2020

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Soil

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	09/08/2005
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	09/08/2005
D1556 Density of Soil In-Place by the Sand Cone Method	09/08/2005
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	09/08/2005
D2166 Unconfined Compressive Strength of Cohesive Soil	09/08/2005
D2216 Laboratory Determination of Moisture Content of Soils	09/08/2005
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	09/08/2005
D2488 Description and Identification of Soils (Visual-Manual Procedure)	09/08/2005
D2844 Resistance R-Value and Expansion Pressure of Compacted Soils	09/08/2005
D2974 Determination of Organic Content in Soils by Loss on Ignition	10/29/2012
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	09/08/2005
D4318 Plastic Limit of Soils (Atterberg Limits)	09/08/2005
D4718 Oversize Particle Correction	10/14/2022
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	09/08/2005
D4829 Expansion Index of Soils	09/08/2005
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	04/07/2020
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	09/08/2005
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	04/07/2020

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	09/22/2021
R90	Sampling Aggregate	09/22/2021
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	09/22/2021
T21	Organic Impurities in Fine Aggregates for Concrete	09/22/2021
T27	Sieve Analysis of Fine and Coarse Aggregates	09/22/2021
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	09/22/2021
T85	Specific Gravity and Absorption of Coarse Aggregate	09/22/2021
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	04/07/2020
T255	Total Moisture Content of Aggregate by Drying	09/22/2021
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	04/07/2020
C40	Organic Impurities in Fine Aggregates for Concrete	11/15/1995
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	11/15/1995
C127	Specific Gravity and Absorption of Coarse Aggregate	11/15/1995
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	11/15/1995
C136	Sieve Analysis of Fine and Coarse Aggregates	11/15/1995
C566	Total Moisture Content of Aggregate by Drying	11/15/1995
C702	Reducing Samples of Aggregate to Testing Size	11/15/1995
D75	Sampling Aggregate	10/29/2012
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	11/15/1995

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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	08/05/2010
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	08/05/2010

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Iron and Steel

Standard:		Accredited Since:
A563-E18	Internally Threaded Fasteners (Nuts): Rockwell Hardness	06/16/2016
A563-F606	Internally Threaded Fasteners (Nuts): Proof Load Determination	06/16/2016
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	06/16/2016
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	06/16/2016
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	06/16/2016
A615-E290	Carbon-Steel Bars, Deformed and Plain: Bend Test	07/08/2008
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Elongation)	06/16/2016
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	06/16/2016
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Yield Strength)	06/16/2016
A706-E290	Low Alloy Steel Bars, Deformed and Plain: Bend Test	10/29/2012
F3125-E18	Externally Threaded Fasteners (Bolts): Rockwell Hardness	07/08/2008
F3125-F606	Externally Threaded Fasteners (Bolts): Proof Load Determination	07/08/2008
F3125-F606	Externally Threaded Fasteners (Bolts): Ultimate Tensile Strength	07/08/2008

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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	04/03/2025
R60	Sampling Freshly Mixed Concrete	04/03/2025
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	04/03/2025
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/03/2025
T22	Compressive Strength of Cylindrical Concrete Specimens	04/03/2025
T24 (Drilling Cores of Concrete)	Drilling Cores of Concrete	04/03/2025
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	04/03/2025
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/03/2025
T119	Slump of Hydraulic Cement Concrete	04/03/2025
T121	Density (Unit Weight), Yield, and Air Content of Concrete	04/03/2025
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	04/03/2025
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	04/03/2025
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	04/03/2025
T231 (5000 psi and below)	Capping Cylindrical Concrete Specimens	04/03/2025
T309	Temperature of Freshly Mixed Portland Cement Concrete	04/03/2025
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	11/15/1995
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/15/1995
C39	Compressive Strength of Cylindrical Concrete Specimens	11/15/1995
C42 (Drilling Cores of Concrete)	Drilling Cores of Concrete	11/15/1995
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	11/15/1995
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	11/15/1995
C138	Density (Unit Weight), Yield, and Air Content of Concrete	11/15/1995
C143	Slump of Hydraulic Cement Concrete	11/15/1995

Concrete (Continued)

Standard:		Accredited Since:
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	11/15/1995
C172	Sampling Freshly Mixed Concrete	11/15/1995
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	11/15/1995
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	11/15/1995
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/17/2013
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	04/03/2025
C1064	Temperature of Freshly Mixed Portland Cement Concrete	11/15/1995
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	11/15/1995
C1542	Measuring Length of Concrete Cores	05/10/2016

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Controlled Low Strength Material (CLSM)

Standard:	Accredited Since:
D4832 Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders	07/20/2018
D5971 Sampling Freshly Mixed Controlled Low-Strength Material (CLSM)	09/22/2021

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Masonry

Standard:		Accredited Since:
C140 (Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	02/21/2006
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/17/2013
C1019	Sampling and Testing Grout	02/21/2006
C1314	Compressive Strength of Masonry Prisms	07/20/2018
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	02/21/2006