AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Universal Engineering Sciences, Inc.

in

Huntsville, Alabama, 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:

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Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	05/27/2009
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	02/12/2024
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

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Asphalt Mixture

Standard:		Accredited Since:
R97	Sampling Bituminous Paving Mixtures	02/12/2024
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	05/20/2016
T355	Density of Bituminous Concrete In Place by Nuclear Methods	02/12/2024
D979	Sampling Bituminous Paving Mixtures	02/12/2024
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	05/20/2016
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	02/12/2024

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/11/2018
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	04/03/2014
T90	Plastic Limit of Soils (Atterberg Limits)	04/03/2014
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/03/2014
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/03/2014
T191	Density of Soil In-Place by the Sand Cone Method	04/03/2014
T265	Laboratory Determination of Moisture Content of Soils	04/03/2014
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/03/2014
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/11/2018
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	05/27/2009
D1556	Density of Soil In-Place by the Sand Cone Method	05/27/2009
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/27/2009
D2216	Laboratory Determination of Moisture Content of Soils	05/27/2009
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	05/27/2009
D4318	Plastic Limit of Soils (Atterberg Limits)	05/27/2009
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	05/27/2009

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Aggregate

Standard:	Accredited Since:
R76 Reducing Samples of Aggregate to Testing Size	04/17/2026
T11 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	04/17/2026
T21 Organic Impurities in Fine Aggregates for Concrete	04/17/2026
T27 Sieve Analysis of Fine and Coarse Aggregates	04/17/2026
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/17/2026
T85 Specific Gravity and Absorption of Coarse Aggregate	04/17/2026
T255 Total Moisture Content of Aggregate by Drying	04/17/2026
C40 Organic Impurities in Fine Aggregates for Concrete	08/25/2009
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	08/25/2009
C127 Specific Gravity and Absorption of Coarse Aggregate	08/25/2009
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	08/25/2009
C136 Sieve Analysis of Fine and Coarse Aggregates	08/25/2009
C566 Total Moisture Content of Aggregate by Drying	08/25/2009
C702 Reducing Samples of Aggregate to Testing Size	08/25/2009

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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	10/27/2014
R39	Making and Curing Concrete Test Specimens in the Laboratory	08/08/2012
R60	Sampling Freshly Mixed Concrete	08/08/2012
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	08/08/2012
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	08/08/2012
T22	Compressive Strength of Cylindrical Concrete Specimens	08/08/2012
T24 (Drilling Cores of Concrete)	Drilling Cores of Concrete	04/17/2026
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	08/08/2012
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	08/08/2012
T119	Slump of Hydraulic Cement Concrete	08/08/2012
T121	Density (Unit Weight), Yield, and Air Content of Concrete	08/08/2012
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	08/08/2012
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	08/08/2012
T231 (6000 psi and below)	Capping Cylindrical Concrete Specimens	11/09/2019
T309	Temperature of Freshly Mixed Portland Cement Concrete	08/08/2012
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	08/08/2012
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	08/08/2012
C39	Compressive Strength of Cylindrical Concrete Specimens	08/25/2009
C42 (Drilling Cores of Concrete)	Drilling Cores of Concrete	04/17/2026
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	08/08/2012
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	08/08/2012
C138	Density (Unit Weight), Yield, and Air Content of Concrete	08/25/2009
C143	Slump of Hydraulic Cement Concrete	08/25/2009

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Concrete (Continued)

Standard:		Accredited Since:
C172	Sampling Freshly Mixed Concrete	08/25/2009
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	08/25/2009
C192	Making and Curing Concrete Test Specimens in the Laboratory	08/08/2012
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	08/25/2009
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/08/2012
C617 (6000 psi and below)	Capping Cylindrical Concrete Specimens	11/09/2019
C1064	Temperature of Freshly Mixed Portland Cement Concrete	08/25/2009
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	08/08/2012
C1542	Measuring Length of Concrete Cores	10/27/2014

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