AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Atlas Technical Consultants LLC

in

Louisville, Kentucky, 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:

Atlas Technical Consultants LLC

in Louisville, Kentucky, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	12/12/2011
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	05/23/2016
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	09/11/2014
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	03/30/2026
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	04/14/2016
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/14/2023
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/30/2026

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Asphalt Mixture

Standard:		Accredited Since:
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	01/18/2019
T355	Density of Bituminous Concrete In Place by Nuclear Methods	01/18/2019
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	09/14/2018
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	09/14/2018
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	05/18/2021

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/18/2019
T88	Particle Size Analysis of Soils by Hydrometer	**Suspended**
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	01/18/2019
T90	Plastic Limit of Soils (Atterberg Limits)	01/18/2019
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/18/2019
T100	Specific Gravity of Soils	08/13/2013
T134	Moisture-Density Relations of Soil-Cement Mixtures	01/18/2019
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/18/2019
T191	Density of Soil In-Place by the Sand Cone Method	01/18/2019
T193	The California Bearing Ratio	01/18/2019
T208	Unconfined Compressive Strength of Cohesive Soil	01/18/2019
T265	Laboratory Determination of Moisture Content of Soils	01/18/2019
T288	Minimum Soil Resistivity	03/11/2016
T289	pH of Soils for Corrosion Testing	05/18/2021
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/18/2019
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/12/2011
D422	Particle Size Analysis of Soils by Hydrometer	**Suspended**
D558	Moisture-Density Relations of Soil-Cement Mixtures	09/14/2018
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/12/2011
D854	Specific Gravity of Soils	07/22/2024
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	12/12/2011
D1556	Density of Soil In-Place by the Sand Cone Method	12/12/2011
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	08/13/2013

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Soil (Continued)

Standard:	Accredited Since:
D1883 The California Bearing Ratio	09/14/2018
D2166 Unconfined Compressive Strength of Cohesive Soil	09/14/2018
D2216 Laboratory Determination of Moisture Content of Soils	12/12/2011
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	12/12/2011
D2488 Description and Identification of Soils (Visual-Manual Procedure)	12/12/2011
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	12/12/2011
D4318 Plastic Limit of Soils (Atterberg Limits)	12/12/2011
D4972 pH Testing of Soils	03/11/2016
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	03/11/2016
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	03/11/2016
D6951 Dynamic Cone Penetrometer In Shallow Pavement Applications	05/18/2021
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	**Suspended**
G57 Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	09/14/2018

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Rock

Standard:		Accredited Since:
D4543	Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	10/23/2024
D5731	Point Load Strength Index of Rock	03/11/2016
D7012 (Method C)	Compressive Strength of Rock Core Specimens (Method C)	10/23/2024

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Aggregate

Standard:	Accredited Since:
R76 Reducing Samples of Aggregate to Testing Size	01/18/2019
R90 Sampling Aggregate	01/18/2019
T11 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	03/11/2016
T27 Sieve Analysis of Fine and Coarse Aggregates	09/29/2016
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/18/2019
T85 Specific Gravity and Absorption of Coarse Aggregate	01/18/2019
T255 Total Moisture Content of Aggregate by Drying	01/18/2019
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	12/12/2011
C127 Specific Gravity and Absorption of Coarse Aggregate	08/13/2013
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	08/13/2013
C136 Sieve Analysis of Fine and Coarse Aggregates	09/29/2016
C566 Total Moisture Content of Aggregate by Drying	12/12/2011
C702 Reducing Samples of Aggregate to Testing Size	12/12/2011
D75 Sampling Aggregate	09/14/2018

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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	10/11/2018

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Concrete

Standard:		Accredited Since:
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	04/29/2020
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/29/2020
C39	Compressive Strength of Cylindrical Concrete Specimens	09/11/2014
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/29/2020
C138	Density (Unit Weight), Yield, and Air Content of Concrete	09/11/2014
C143	Slump of Hydraulic Cement Concrete	09/11/2014
C172	Sampling Freshly Mixed Concrete	09/11/2014
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	09/11/2014
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	09/11/2014
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/11/2014
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	12/05/2019
C1064	Temperature of Freshly Mixed Portland Cement Concrete	09/11/2014
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	09/11/2014

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Masonry

Standard:		Accredited Since:
C140 (Reduced-Size Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	05/26/2026
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/11/2014
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	03/30/2026
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	03/30/2026
C1019	Sampling and Testing Grout	09/11/2014
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	02/28/2023

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