AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Atlas Technical Consultants LLC

in

Burlington, New Jersey, 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

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Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/17/2006
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	08/03/2026
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	05/20/2016
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/03/2026
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/20/2016
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/28/2012

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Asphalt Mixture

Standard:		Accredited Since:
T30	Mechanical Analysis of Extracted Aggregate	04/17/2006
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	06/12/2018
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/17/2006
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/17/2006
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/17/2006
T355	Density of Bituminous Concrete In Place by Nuclear Methods	03/30/2020
D1188 (Cores)	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens (Cores)	03/30/2020
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/17/2006
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	06/12/2018
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	12/22/2015
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/17/2006
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	03/30/2020
D5444	Mechanical Analysis of Extracted Aggregate	04/17/2006
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/17/2006

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/17/2006
T88	Particle Size Analysis of Soils by Hydrometer	04/17/2006
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	04/17/2006
T90	Plastic Limit of Soils (Atterberg Limits)	04/17/2006
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/17/2006
T100	Specific Gravity of Soils	04/17/2006
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/17/2006
T193	The California Bearing Ratio	04/17/2006
T265	Laboratory Determination of Moisture Content of Soils	04/17/2006
T267	Determination of Organic Content in Soils by Loss on Ignition	12/28/2012
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/17/2006
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/17/2006
D422	Particle Size Analysis of Soils by Hydrometer	04/17/2006
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/17/2006
D854	Specific Gravity of Soils	04/17/2006
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	04/17/2006
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/17/2006
D1883	The California Bearing Ratio	04/17/2006
D2216	Laboratory Determination of Moisture Content of Soils	04/17/2006
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	04/17/2006
D2488	Description and Identification of Soils (Visual-Manual Procedure)	01/28/2026
D2974	Determination of Organic Content in Soils by Loss on Ignition	12/28/2012
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	04/17/2006

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Soil (Continued)

Standard:	Accredited Since:
D4318 Plastic Limit of Soils (Atterberg Limits)	04/17/2006
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/17/2006

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	04/17/2006
R90	Sampling Aggregate	03/30/2020
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	04/17/2006
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	04/17/2006
T21	Organic Impurities in Fine Aggregates for Concrete	04/17/2006
T27	Sieve Analysis of Fine and Coarse Aggregates	04/17/2006
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/17/2006
T85	Specific Gravity and Absorption of Coarse Aggregate	04/17/2006
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	12/28/2012
T112	Clay Lumps and Friable Particles in Aggregate	02/01/2011
T255	Total Moisture Content of Aggregate by Drying	04/17/2006
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	04/17/2006
C40	Organic Impurities in Fine Aggregates for Concrete	04/17/2006
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	04/17/2006
C127	Specific Gravity and Absorption of Coarse Aggregate	04/17/2006
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/17/2006
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	12/28/2012
C136	Sieve Analysis of Fine and Coarse Aggregates	04/17/2006
C142	Clay Lumps and Friable Particles in Aggregate	04/17/2006
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	03/30/2020
C566	Total Moisture Content of Aggregate by Drying	04/17/2006
C702	Reducing Samples of Aggregate to Testing Size	04/17/2006
D75	Sampling Aggregate	03/30/2020

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Aggregate (Continued)

Standard:	Accredited Since:
D4791 Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	12/28/2012

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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	12/28/2012
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	12/28/2012

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Concrete

Standard:		Accredited Since:
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	08/03/2026
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	08/03/2026
C39	Compressive Strength of Cylindrical Concrete Specimens	08/03/2026
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	07/23/2026
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	08/03/2026
C138	Density (Unit Weight), Yield, and Air Content of Concrete	07/23/2026
C143	Slump of Hydraulic Cement Concrete	07/23/2026
C172	Sampling Freshly Mixed Concrete	07/23/2026
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	07/23/2026
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	07/23/2026
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	07/23/2026
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/03/2026
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	07/23/2026
C1064	Temperature of Freshly Mixed Portland Cement Concrete	07/23/2026
C1231 (6000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	07/23/2026

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Masonry

Standard:		Accredited Since:
C140 (Full-Size Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	07/23/2026
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/03/2026
C780 (Annex 4)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Mortar Aggregate Ratio	07/23/2026
C1019	Sampling and Testing Grout	08/03/2026
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	07/23/2026

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