AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

John Turner Consulting, Inc.

in

Sutton, Massachusetts, 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 04/30/2026 at 4:22 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	12/18/2015
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	06/21/2024
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	06/21/2024
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	04/17/2018
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	12/18/2015
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	06/21/2024
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/18/2015
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/18/2015
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/21/2024
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/21/2024

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Asphalt Mixture

Standard:		Accredited Since:
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	12/18/2015
R97	Sampling Bituminous Paving Mixtures	04/26/2023
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	04/26/2023
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	12/18/2015
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	12/18/2015
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	12/18/2015
T355	Density of Bituminous Concrete In Place by Nuclear Methods	04/17/2018
D979	Sampling Bituminous Paving Mixtures	12/18/2015
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	12/18/2015
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	04/26/2023
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	04/17/2018
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	12/18/2015
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	12/20/2019

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/18/2015
T88	Particle Size Analysis of Soils by Hydrometer	12/18/2015
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	12/18/2015
T90	Plastic Limit of Soils (Atterberg Limits)	12/18/2015
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/18/2015
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/18/2015
T265	Laboratory Determination of Moisture Content of Soils	12/18/2015
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	12/18/2015
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/18/2015
D422	Particle Size Analysis of Soils by Hydrometer	12/18/2015
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/18/2015
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	12/18/2015
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/18/2015
D2216	Laboratory Determination of Moisture Content of Soils	12/18/2015
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	12/18/2015
D2488	Description and Identification of Soils (Visual-Manual Procedure)	12/18/2015
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	12/18/2015
D4318	Plastic Limit of Soils (Atterberg Limits)	12/18/2015
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	12/18/2015

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	12/18/2015
R90	Sampling Aggregate	12/18/2015
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	12/18/2015
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	12/18/2015
T21	Organic Impurities in Fine Aggregates for Concrete	12/18/2015
T27	Sieve Analysis of Fine and Coarse Aggregates	12/18/2015
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	12/18/2015
T85	Specific Gravity and Absorption of Coarse Aggregate	12/18/2015
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	12/18/2015
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	12/18/2015
T112	Clay Lumps and Friable Particles in Aggregate	12/18/2015
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/01/2025
T255	Total Moisture Content of Aggregate by Drying	12/18/2015
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	12/18/2015
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	12/18/2015
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	12/18/2015
C40	Organic Impurities in Fine Aggregates for Concrete	12/18/2015
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	12/18/2015
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	12/18/2015
C127	Specific Gravity and Absorption of Coarse Aggregate	12/18/2015
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	12/18/2015
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	12/18/2015
C136	Sieve Analysis of Fine and Coarse Aggregates	12/18/2015

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Aggregate (Continued)

Standard:		Accredited Since:
C142	Clay Lumps and Friable Particles in Aggregate	12/18/2015
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	12/18/2015
C566	Total Moisture Content of Aggregate by Drying	12/18/2015
C702	Reducing Samples of Aggregate to Testing Size	12/18/2015
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	12/18/2015
D75	Sampling Aggregate	12/18/2015
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/01/2025
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	12/18/2015
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	12/18/2015

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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	11/18/2016
R60	Sampling Freshly Mixed Concrete	11/18/2016
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	11/18/2016
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/18/2016
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	10/01/2025
T22	Compressive Strength of Cylindrical Concrete Specimens	11/18/2016
T24 (Drilling Cores of Concrete)	Drilling Cores of Concrete	11/18/2016
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	11/18/2016
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	11/18/2016
T119	Slump of Hydraulic Cement Concrete	11/18/2016
T121	Density (Unit Weight), Yield, and Air Content of Concrete	11/18/2016
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	11/18/2016
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	10/01/2025
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	11/18/2016
T231 (5000 psi and below)	Capping Cylindrical Concrete Specimens	10/01/2025
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	01/11/2019
T309	Temperature of Freshly Mixed Portland Cement Concrete	11/18/2016
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	11/18/2016
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/18/2016
C39	Compressive Strength of Cylindrical Concrete Specimens	11/18/2016
C42 (Drilling Cores of Concrete)	Drilling Cores of Concrete	11/18/2016
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	11/18/2016
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	11/18/2016

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Concrete (Continued)

Standard:		Accredited Since:
C138	Density (Unit Weight), Yield, and Air Content of Concrete	11/18/2016
C143	Slump of Hydraulic Cement Concrete	11/18/2016
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	10/01/2025
C172	Sampling Freshly Mixed Concrete	11/18/2016
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	11/18/2016
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	11/18/2016
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	10/01/2025
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/18/2016
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	10/01/2025
C1064	Temperature of Freshly Mixed Portland Cement Concrete	11/18/2016
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	11/18/2016
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	01/11/2019
C1542	Measuring Length of Concrete Cores	11/18/2016
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	01/11/2019