



# CERTIFICATE OF ACCREDITATION



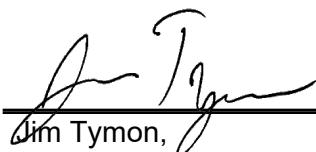
## John Turner Consulting, Inc.

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](http://aashtoresource.org)).



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Jim Tymon,  
AASHTO Executive Director



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Matt Linneman  
AASHTO COMP Chair



# 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:

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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- $\mu$ m) 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:

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R76	Reducing Samples of Aggregate to Testing Size	12/18/2015
R90	Sampling Aggregate	12/18/2015
T11	Materials Finer Than 75- $\mu$ m (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- $\mu$ m (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:

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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	Obtaining and Testing Drilled Cores and Sawed Beams 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	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	11/18/2016
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	11/18/2016
C138	Density (Unit Weight), Yield, and Air Content of Concrete	11/18/2016
C143	Slump of Hydraulic Cement Concrete	11/18/2016



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### Concrete (Continued)

#### Standard:

#### Accredited Since:

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