



**AASHTO**  
ACCREDITED

# CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION  
OF STATE HIGHWAY AND  
TRANSPORTATION OFFICIALS

**AASHTO**

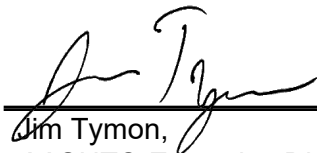
## Asphalt Testing Solutions & Engineering, LLC

in

**Jacksonville, Florida, 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](https://aashtoresource.org)).



Jim Tymon,  
AASHTO Executive Director



Matt Linneman,  
AASHTO COMP Chair

This certificate was generated on 04/22/2025 at 1:17 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://aashtoresource.org/aap/accreditation-directory)



# SCOPE OF AASHTO ACCREDITATION FOR:

Asphalt Testing Solutions & Engineering, LLC  
in Jacksonville, Florida, USA

## Quality Management System

### Standard:

### Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	10/27/2020
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/08/2021
D3666 (Asphalt Binder)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	07/13/2023
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	10/27/2020
D3666 (Emulsified Asphalt)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	07/13/2023
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/08/2021
E329 (Asphalt Binder)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/13/2023
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/27/2020
E329 (Emulsified Asphalt)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/13/2023



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## Asphalt Binder

### Standard:

### Accredited Since:

R28	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	07/13/2023
R29	Grading or Verifying the Performance Grade of an Asphalt Binder	07/13/2023
T44	Solubility of Asphalt Materials in Trichloroethylene	07/13/2023
T48	Flash Point by Cleveland Open Cup	08/08/2023
T49	Penetration of Original Sample of Asphalt Cement	08/08/2023
T51	Ductility of Bituminous Materials	07/13/2023
T53	Softening Point of Bitumen (Ring-and-Ball Apparatus)	08/08/2023
T202	Viscosity by Vacuum Capillary	10/27/2020
T228	Specific Gravity (Relative Density) of Asphalt Cement	08/08/2023
T240	Rolling Thin-Film Oven Testing	07/13/2023
T301	Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	07/13/2023
T313	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	08/08/2023
T315	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	07/13/2023
T316	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	10/27/2020
T350	Multiple Stress Creep and Recovery (MSCR)	07/13/2023
D5	Penetration of Original Sample of Asphalt Cement	08/08/2023
D36	Softening Point of Bitumen (Ring-and-Ball Apparatus)	08/08/2023
D70	Specific Gravity (Relative Density) of Asphalt Cement	08/08/2023
D92	Flash Point by Cleveland Open Cup	08/08/2023
D113	Ductility of Bituminous Materials	07/13/2023
D2042	Solubility of Asphalt Materials in Trichloroethylene	07/13/2023
D2171	Viscosity by Vacuum Capillary	10/27/2020
D2872	Rolling Thin-Film Oven Testing	07/13/2023



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## Asphalt Binder (Continued)

**Standard:**

**Accredited Since:**

D4402 Viscosity Determination of Asphalt Binder Using Rotational Viscometer	10/27/2020
D6084 Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	07/13/2023
D6521 Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	07/13/2023
D6648 Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	08/08/2023
D7175 Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	07/13/2023
D7405 Multiple Stress Creep and Recovery (MSCR)	10/27/2020
D7643 Determining the Continuous Grading Temperatures and Continuous Grades for PG Graded Asphalt Binders	07/13/2023
D8078 Ash Content of Asphalt and Emulsified Asphalt Residues	07/13/2023



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## Emulsified Asphalt

Standard:	Accredited Since:
T59 Aggregate Coating	07/13/2023
T59 Cement Mixing	07/13/2023
T59 Demulsibility	07/13/2023
T59 Density	08/08/2023
T59 Freezing	07/13/2023
T59 Particle Charge	07/13/2023
T59 Residue by Distillation	07/13/2023
T59 Residue by Evaporation	07/13/2023
T59 Settlement and Storage Stability	07/13/2023
T59 Sieve Test	07/13/2023
T59-T72 Saybolt Furol Viscosity at 25°C (77°F)	07/13/2023
T59-T72 Saybolt Furol Viscosity at 50°C (122°F)	07/13/2023
D6929 Freezing	07/13/2023
D6930 Settlement and Storage Stability	07/13/2023
D6933 Sieve Test	07/13/2023
D6934 Residue by Evaporation	07/13/2023
D6935 Cement Mixing	07/13/2023
D6936 Demulsibility	07/13/2023
D6937 Density	08/08/2023
D6997 Residue by Distillation	07/13/2023
D6998 Aggregate Coating	07/13/2023
D7402 Particle Charge	07/13/2023
D7496-D88 Saybolt Furol Viscosity at 25°C (77°F)	07/13/2023



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## Emulsified Asphalt (Continued)

**Standard:**

D7496-D88 Saybolt Furol Viscosity at 50°C (122°F)

**Accredited Since:**

07/13/2023



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## Asphalt Mixture

**Standard:**

**Accredited Since:**

R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	10/27/2020
R35	Superpave Volumetric Design for Hot Mix Asphalt (HMA)	10/27/2020
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	10/27/2020
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	10/27/2020
R79	Rapid Drying of Compacted Asphalt Mixture Specimens Using Vacuum Drying Apparatus	07/13/2023
R97	Sampling Bituminous Paving Mixtures	07/13/2023
T30	Mechanical Analysis of Extracted Aggregate	10/27/2020
T164	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	10/27/2020
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	10/27/2020
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	10/27/2020
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	<b>Suspended</b>
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/27/2020
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	10/27/2020
T305	Draindown Characteristics of HMA	10/27/2020
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	10/27/2020
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	10/27/2020
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	10/27/2020
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	10/27/2020
T331	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	10/27/2020
T340	Determining Rutting Susceptibility of Hot Mix Asphalt (HMA) Using the Asphalt Pavement Analyzer (APA)	07/13/2023
D979	Sampling Bituminous Paving Mixtures	10/27/2020
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	10/27/2020
D2172	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	10/27/2020



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## Asphalt Mixture (Continued)

Standard:	Accredited Since:
D2726 Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	10/27/2020
D3203 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/27/2020
D3549 Thickness or Height of Compacted Bituminous Paving Mixture Specimens	10/27/2020
D3665 Random Sampling of Construction Materials	10/27/2020
D4867 Resistance of Compacted Mixtures to Moisture Induced Damage	10/27/2020
D5404 Recovery of Asphalt from Solution Using the Rotavapor Apparatus	10/27/2020
D5444 Mechanical Analysis of Extracted Aggregate	10/27/2020
D6307 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	10/27/2020
D6390 Draindown Characteristics of HMA	10/27/2020
D6752 Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	10/27/2020
D6925 Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	10/27/2020
D6926 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	10/27/2020
D6927 Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	<b>Suspended</b>
D6931 Indirect Tensile Strength (IDT)	10/27/2020
D7227 Rapid Drying of Compacted Asphalt Mixture Specimens Using Vacuum Drying Apparatus	10/27/2020
D7906 Recovery of Asphalt Using Toluene and Rotavapor	10/27/2020
D8159 Automated Extraction of Asphalt Binder from Asphalt Mixtures	07/13/2023
D8225 Determination of Cracking Tolerance Index of Asphalt Mixture Using the Indirect Tensile Cracking Test at Intermediate Temperature	07/13/2023





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## Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	10/27/2020
R90	Sampling Aggregate	10/27/2020
T11	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	10/27/2020
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	10/27/2020
T27	Sieve Analysis of Fine and Coarse Aggregates	10/27/2020
T37	Sieve Analysis of Mineral Filler for Road and Paving Materials	10/27/2020
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/27/2020
T85	Specific Gravity and Absorption of Coarse Aggregate	10/27/2020
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/27/2020
T100 (Mineral Filler)	Specific Gravity of Mineral Filler on Asphalt Mixture Designs	10/27/2020
T112	Clay Lumps and Friable Particles in Aggregate	10/27/2020
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/27/2020
T255	Total Moisture Content of Aggregate by Drying	10/27/2020
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	10/27/2020
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	10/27/2020
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	10/27/2020
C117	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	10/27/2020
C127	Specific Gravity and Absorption of Coarse Aggregate	10/27/2020
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/27/2020
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/27/2020
C136	Sieve Analysis of Fine and Coarse Aggregates	10/27/2020
C142	Clay Lumps and Friable Particles in Aggregate	10/27/2020
C566	Total Moisture Content of Aggregate by Drying	10/27/2020



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**Aggregate (Continued)**

<b>Standard:</b>		<b>Accredited Since:</b>
C702	Reducing Samples of Aggregate to Testing Size	10/27/2020
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	10/27/2020
D75	Sampling Aggregate	10/27/2020
D546	Sieve Analysis of Mineral Filler for Road and Paving Materials	10/27/2020
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/27/2020
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	10/27/2020
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	10/27/2020