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).

Jim Tymon,
AASHTO Executive Director

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 06/08/2026 at 3:50 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Asphalt Testing Solutions & Engineering, LLC

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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:	Accredited Since:
D7496-D88 Saybolt Furol Viscosity at 50°C (122°F)	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
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
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	10/27/2020

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Asphalt Mixture (Continued)

Standard:	Accredited Since:
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
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-µm (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-µm (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)

Standard:		Accredited Since:
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