



# CERTIFICATE OF ACCREDITATION



## Rutgers Asphalt Pavement Laboratory

in

### Piscataway, 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](http://aashtoresource.org)).

A handwritten signature in black ink, appearing to read 'Jim Tymon', written over a horizontal line.

Jim Tymon,  
AASHTO Executive Director

A handwritten signature in black ink, appearing to read 'Matt Linneman', written over a horizontal line.

Matt Linneman,  
AASHTO COMP Chair

This certificate was generated on 04/02/2026 at 6:06 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](http://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	05/22/2006
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	07/03/2024
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	07/03/2024



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## Asphalt Binder

**Standard:**

**Accredited Since:**

R28	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	03/07/2011
R29	Grading or Verifying the Performance Grade of an Asphalt Binder	03/07/2011
T240	Rolling Thin-Film Oven Testing	03/07/2011
T313	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	03/07/2011
T315	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	<b>Suspended</b>
T316	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	03/07/2011
T350	Multiple Stress Creep and Recovery (MSCR)	11/13/2018
D2872	Rolling Thin-Film Oven Testing	03/07/2011
D4402	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	03/07/2011
D6521	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	03/07/2011
D6648	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	03/07/2011
D7175	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	<b>Suspended</b>
D7405	Multiple Stress Creep and Recovery (MSCR)	03/07/2011
D7643	Determining the Continuous Grading Temperatures and Continuous Grades for PG Graded Asphalt Binders	02/29/2016



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## Emulsified Asphalt

### Standard:

### Accredited Since:

T59 Residue by Distillation

07/03/2024

D6997 Residue by Distillation

07/03/2024



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## Asphalt Mixture

### Standard:

### Accredited Since:

R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	02/29/2016
R35	Superpave Volumetric Design for Hot Mix Asphalt (HMA)	03/09/2016
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	09/22/2021
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	05/22/2006
R79	Rapid Drying of Compacted Asphalt Mixture Specimens Using Vacuum Drying Apparatus	07/03/2024
T30	Mechanical Analysis of Extracted Aggregate	05/22/2006
T164	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	06/17/2013
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	05/22/2006
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/22/2006
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	05/22/2006
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/22/2006
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	05/22/2006
T305	Draindown Characteristics of HMA	06/17/2013
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	05/22/2006
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	05/22/2006
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	05/22/2006
T331	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	05/22/2006
T340	Determining Rutting Susceptibility of Hot Mix Asphalt (HMA) Using the Asphalt Pavement Analyzer (APA)	07/03/2024
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/22/2006
D2172	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	06/17/2013
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	07/03/2024
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/22/2006
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	09/22/2021



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## Asphalt Mixture (Continued)

### Standard:

### Accredited Since:

D4867 Resistance of Compacted Mixtures to Moisture Induced Damage	05/22/2006
D5404 Recovery of Asphalt from Solution Using the Rotavapor Apparatus	06/17/2013
D5444 Mechanical Analysis of Extracted Aggregate	05/22/2006
D6307 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	05/22/2006
D6390 Draindown Characteristics of HMA	06/17/2013
D6752 Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	05/22/2006
D6925 Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	05/22/2006
D6926 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	05/22/2006
D6927 Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	05/22/2006
D6931 Indirect Tensile Strength (IDT)	11/13/2018
D7227 Rapid Drying of Compacted Asphalt Mixture Specimens Using Vacuum Drying Apparatus	07/03/2024
D8225 Determination of Cracking Tolerance Index of Asphalt Mixture Using the Indirect Tensile Cracking Test at Intermediate Temperature	07/03/2024



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## Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	05/22/2006
R90	Sampling Aggregate	02/29/2016
T11	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	05/22/2006
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	11/13/2018
T27	Sieve Analysis of Fine and Coarse Aggregates	05/22/2006
T37	Sieve Analysis of Mineral Filler for Road and Paving Materials	05/22/2006
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/22/2006
T85	Specific Gravity and Absorption of Coarse Aggregate	05/22/2006
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	07/03/2024
T100 (Mineral Filler)	Specific Gravity of Mineral Filler on Asphalt Mixture Designs	02/08/2017
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	05/22/2006
T255	Total Moisture Content of Aggregate by Drying	05/22/2006
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/22/2006
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	02/29/2016
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	11/13/2018
C117	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	05/22/2006
C127	Specific Gravity and Absorption of Coarse Aggregate	05/22/2006
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/22/2006
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	07/03/2024
C136	Sieve Analysis of Fine and Coarse Aggregates	05/22/2006
C566	Total Moisture Content of Aggregate by Drying	05/22/2006
C702	Reducing Samples of Aggregate to Testing Size	05/22/2006
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/22/2006



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## Aggregate (Continued)

Standard:		Accredited Since:
D75	Sampling Aggregate	02/29/2016
D546	Sieve Analysis of Mineral Filler for Road and Paving Materials	05/22/2006
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	05/22/2006
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	05/22/2006
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	05/22/2006