



# CERTIFICATE OF ACCREDITATION



## **PRI Asphalt Technologies, Inc.**

in

### **Tampa, 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](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 'Moe Jamshidi', written over a horizontal line.

Moe Jamshidi,  
AASHTO COMP Chair

This certificate was generated on 08/06/2020 at 9:00 AM 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	05/15/1994
ISO/IEC 17025	General Requirements for the Competence of Testing and Calibration Laboratories	03/12/2007
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3666 (Asphalt Binder)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3666 (Emulsified Asphalt)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	10/15/1996



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## Asphalt Binder

### Standard:

### Accredited Since:

R28	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	05/15/1994
R29	Grading or Verifying the Performance Grade of an Asphalt Binder	05/15/1994
T44	Solubility of Asphalt Materials in Trichloroethylene	05/15/1994
T48	Flash Point by Cleveland Open Cup	05/15/1994
T49	Penetration of Original Sample of Asphalt Cement	05/15/1994
T50	Float Test for Bituminous Materials	05/15/1994
T51	Ductility of Bituminous Materials	05/15/1994
T53	Softening Point of Bitumen (Ring-and-Ball Apparatus)	05/15/1994
T55	Water in Petroleum Products and Bituminous Materials by Distillation	05/15/1994
T78	Distillation of Cut-Back Asphaltic (Bituminous) Products	05/15/1994
T79	Flash Point with Tag Open-Cup Apparatus for Use with Materials Having a Flash Less Than 93.3°C (200°F)	05/15/1994
T179	Effect of Heat and Air on Asphalt Materials [Thin-Film Oven Test]	05/15/1994
T201	Kinematic Viscosity	05/15/1994
T202	Viscosity by Vacuum Capillary	05/15/1994
T228	Specific Gravity (Relative Density) of Asphalt Cement	05/15/1994
T240	Rolling Thin-Film Oven Testing	05/15/1994
T295	Specific Gravity of Liquid Asphalts by Hydrometer Method	01/20/2016
T300	Force Ductility Test of Bituminous Materials	05/15/1994
T301	Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	05/15/1994
T313	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	05/15/1994
T314	Determining the Fracture Properties of Asphalt Binder in Direct Tension (DT)	05/15/1994
T315	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	05/15/1994
T316	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	05/15/1994



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## Asphalt Binder (Continued)

Standard:	Accredited Since:
T350 Multiple Stress Creep and Recovery (MSCR) at 64°C, 25mm plate, 1mm gap	01/20/2016
D5 Penetration of Original Sample of Asphalt Cement	05/15/1994
D36 Softening Point of Bitumen (Ring-and-Ball Apparatus)	05/15/1994
D70 Specific Gravity (Relative Density) of Asphalt Cement	05/15/1994
D92 Flash Point by Cleveland Open Cup	05/15/1994
D95 Water in Petroleum Products and Bituminous Materials by Distillation	05/15/1994
D113 Ductility of Bituminous Materials	05/15/1994
D139 Float Test for Bituminous Materials	05/15/1994
D402 Distillation of Cut-Back Asphaltic (Bituminous) Products	05/15/1994
D1754 Effect of Heat and Air on Asphalt Materials [Thin-Film Oven Test]	05/15/1994
D2042 Solubility of Asphalt Materials in Trichloroethylene	05/15/1994
D2170 Kinematic Viscosity	05/15/1994
D2171 Viscosity by Vacuum Capillary	05/15/1994
D2872 Rolling Thin-Film Oven Testing	05/15/1994
D3142 Specific Gravity of Liquid Asphalts by Hydrometer Method	01/20/2016
D3143 Flash Point with Tag Open-Cup Apparatus for Use with Materials Having a Flash Less Than 93.3°C (200°F)	05/15/1994
D4402 Viscosity Determination of Asphalt Binder Using Rotational Viscometer	05/15/1994
D5801 Toughness and Tenacity of Bituminous Materials	05/15/1994
D6084 Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	05/15/1994
D6521 Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	05/15/1994
D6648 Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	05/15/1994
D6723 Determining the Fracture Properties of Asphalt Binder in Direct Tension (DT)	05/15/1994
D7175 Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	05/15/1994



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## Asphalt Binder (Continued)

**Standard:**

**Accredited Since:**

D7405 Multiple Stress Creep and Recovery (MSCR) at 64°C, 25mm plate, 1mm gap	05/15/1994
D7553 Solubility of Asphalt Materials in N-Propyl Bromide	02/27/2014
D7643 Determining the Continuous Grading Temperatures and Continuous Grades for PG Graded Asphalt Binders	01/20/2016
D8078 Ash Content of Asphalt and Emulsified Asphalt Residues	06/30/2020



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## Emulsified Asphalt

<b>Standard:</b>	<b>Accredited Since:</b>
T59 Aggregate Coating	10/15/1996
T59 Cement Mixing	10/15/1996
T59 Demulsibility	10/15/1996
T59 Density	10/15/1996
T59 Freezing	02/27/2014
T59 Particle Charge	10/15/1996
T59 Residue by Distillation	10/15/1996
T59 Residue by Evaporation	10/15/1996
T59 Saybolt Viscosity at 25°C (77°F)	10/15/1996
T59 Saybolt Viscosity at 50°C (122°F)	10/15/1996
T59 Settlement and Storage Stability	10/15/1996
T59 Sieve Test	10/15/1996
D6929 Freezing	02/27/2014
D6930 Settlement and Storage Stability	10/15/1996
D6933 Sieve Test	10/15/1996
D6934 Residue by Evaporation	10/15/1996
D6935 Cement Mixing	10/15/1996
D6936 Demulsibility	10/15/1996
D6937 Density	10/15/1996
D6997 Residue by Distillation	10/15/1996
D6998 Aggregate Coating	10/15/1996
D7402 Particle Charge	10/15/1996
D7496-D88 Saybolt Viscosity at 25°C (77°F)	10/15/1996



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## Emulsified Asphalt (Continued)

**Standard:**

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

**Accredited Since:**

10/15/1996



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## Pavement Preservation

**Standard:**

**Accredited Since:**

D7000 Sweep Test of Bituminous Emulsion Surface Treatment

11/10/2011





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## Asphalt Mixture

### Standard:

### Accredited Since:

R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	01/20/2016
R35	Superpave Volumetric Design for Hot Mix Asphalt (HMA)	01/20/2016
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	11/10/2011
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	04/01/1997
T30	Mechanical Analysis of Extracted Aggregate	04/01/1997
T110	Moisture or Volatile Distillates in Bituminous Paving Mixtures	04/01/1997
T164	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	04/01/1997
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/01/1997
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/01/1997
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	04/01/1997
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/01/1997
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	04/01/1997
T305	Draindown Characteristics of HMA	01/20/2016
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/01/1997
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	04/01/1997
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	02/27/2014
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	04/01/1997
T331	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	11/10/2011
D1461	Moisture or Volatile Distillates in Bituminous Paving Mixtures	04/01/1997
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/01/1997
D2172	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	04/01/1997
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/01/1997
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/01/1997



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## Asphalt Mixture (Continued)

<b>Standard:</b>	<b>Accredited Since:</b>
D3549 Thickness or Height of Compacted Bituminous Paving Mixture Specimens	06/30/2020
D4867 Resistance of Compacted Mixtures to Moisture Induced Damage	04/01/1997
D5404 Recovery of Asphalt from Solution Using the Rotavapor Apparatus	04/01/1997
D5444 Mechanical Analysis of Extracted Aggregate	04/01/1997
D6307 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/01/1997
D6390 Draindown Characteristics of HMA	01/20/2016
D6752 Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	11/10/2011
D6925 Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyrotory Compactor	04/01/1997
D6926 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	04/01/1997
D6927 Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	04/01/1997
D6931 Indirect Tensile Strength (IDT)	04/01/1997
D7906 Recovery of Asphalt Using Toluene and Rotavapor	01/17/2018



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**Aggregate**

<b>Standard:</b>	<b>Accredited Since:</b>	
R76	Reducing Samples of Aggregate to Testing Size	06/15/2001
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	06/15/2001
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	06/15/2001
T27	Sieve Analysis of Fine and Coarse Aggregates	06/15/2001
T37	Sieve Analysis of Mineral Filler for Road and Paving Materials	06/15/2001
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	06/15/2001
T85	Specific Gravity and Absorption of Coarse Aggregate	06/15/2001
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	06/15/2001
T100 (Mineral Filler)	Specific Gravity of Mineral Filler on Asphalt Mixture Designs	09/17/2018
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	06/15/2001
T112	Clay Lumps and Friable Particles in Aggregate	06/15/2001
T113	Lightweight Pieces in Aggregate	01/20/2016
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	06/15/2001
T210	Aggregate Durability Index	01/20/2016
T255	Total Moisture Content of Aggregate by Drying	06/15/2001
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	06/15/2001
T327	Resistance to Abrasion by Micro-Deval (Coarse Aggregate)	06/15/2001
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	02/27/2014
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	06/15/2001
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	06/15/2001
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	06/15/2001
C123	Lightweight Pieces in Aggregate	01/20/2016
C127	Specific Gravity and Absorption of Coarse Aggregate	06/15/2001



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## Aggregate (Continued)

<b>Standard:</b>		<b>Accredited Since:</b>
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	06/15/2001
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	06/15/2001
C136	Sieve Analysis of Fine and Coarse Aggregates	06/15/2001
C142	Clay Lumps and Friable Particles in Aggregate	06/15/2001
C566	Total Moisture Content of Aggregate by Drying	06/15/2001
C702	Reducing Samples of Aggregate to Testing Size	06/15/2001
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	06/15/2001
D546	Sieve Analysis of Mineral Filler for Road and Paving Materials	06/15/2001
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	06/15/2001
D3744	Aggregate Durability Index	01/20/2016
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	06/15/2001
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	06/15/2001
D6928	Resistance to Abrasion by Micro-Deval (Coarse Aggregate)	06/15/2001
D7428	Resistance to Abrasion by Micro-Deval (Fine Aggregate)	01/20/2016