



# CERTIFICATE OF ACCREDITATION



**Western Regional Superpave Center of the University of Nevada, Reno**

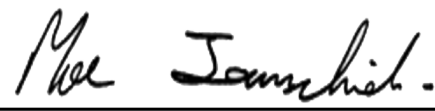
in

**Reno, Nevada, 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://www.aashtoresource.org)).

  
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Jim Tymon,  
AASHTO Executive Director

  
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Moe Jamshidi,  
AASHTO COMP Chair

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# SCOPE OF AASHTO ACCREDITATION FOR:

Western Regional Superpave Center of the University of Nevada, Reno  
in Reno, Nevada, USA

## Quality Management System

**Standard:**

**Accredited Since:**

R18 Establishing and Implementing a Quality System for Construction Materials Testing Laboratories

12/31/2003



# SCOPE OF AASHTO ACCREDITATION FOR:

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## Asphalt Binder

Standard:	Accredited Since:
R28 Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	12/31/2003
T48 Flash Point by Cleveland Open Cup	12/31/2003
T228 Specific Gravity (Relative Density) of Asphalt Cement	12/31/2003
T240 Rolling Thin-Film Oven Testing	<b>Suspended</b>
T313 Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	12/31/2003
T315 Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	12/31/2003
T316 Viscosity Determination of Asphalt Binder Using Rotational Viscometer	12/31/2003
T350 Multiple Stress Creep and Recovery (MSCR)	09/17/2018
D70 Specific Gravity (Relative Density) of Asphalt Cement	09/17/2018
D92 Flash Point by Cleveland Open Cup	09/17/2018
D2872 Rolling Thin-Film Oven Testing	<b>Suspended</b>
D4402 Viscosity Determination of Asphalt Binder Using Rotational Viscometer	09/17/2018
D6521 Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	09/17/2018
D6648 Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	12/27/2022
D7175 Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	09/17/2018
D7405 Multiple Stress Creep and Recovery (MSCR)	12/31/2003



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## Asphalt Mixture

Standard:	Accredited Since:	
T30	Mechanical Analysis of Extracted Aggregate	12/31/2003
T164	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	12/31/2003
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	12/31/2003
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	12/31/2003
T246	Resistance to Deformation and Cohesion of Bituminous Mixtures by Means of Hveem Apparatus	09/11/2012
T247	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	12/31/2003
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	12/31/2003
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	12/31/2003
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyrotory Compactor	12/31/2003
T331	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	02/08/2021
D1560 (Stability)	Resistance to Deformation of Bituminous Mixtures by Means of Hveem Apparatus	12/27/2022
D1561	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	12/27/2022
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	02/08/2021
D2172	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	12/27/2022
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	02/08/2021
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	02/08/2021
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	02/08/2021
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	02/08/2021
D5404	Recovery of Asphalt from Solution Using the Rotavapor Apparatus	12/31/2003
D5444	Mechanical Analysis of Extracted Aggregate	02/08/2021
D6752	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	12/27/2022
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyrotory Compactor	02/08/2021



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## Aggregate

### Standard:

### Accredited Since:

T11	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	12/31/2003
T27	Sieve Analysis of Fine and Coarse Aggregates	12/31/2003
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	12/31/2003
T85	Specific Gravity and Absorption of Coarse Aggregate	12/31/2003
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	12/31/2003
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	12/31/2003
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	09/17/2018
C117	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	02/08/2021
C127	Specific Gravity and Absorption of Coarse Aggregate	02/08/2021
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	02/08/2021
C136	Sieve Analysis of Fine and Coarse Aggregates	02/08/2021
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	02/08/2021
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	02/08/2021
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	12/31/2003
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	12/31/2003