



CERTIFICATE OF ACCREDITATION



Hunt Refining Company

in

Tuscaloosa, Alabama, 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)).

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 02/03/2023 at 2:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://www.aashtoresource.org/aap/accreditation-directory)



SCOPE OF AASHTO ACCREDITATION FOR:

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in Tuscaloosa, Alabama, USA

Quality Management System

Standard:

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

Accredited Since:

02/11/2016



SCOPE OF AASHTO ACCREDITATION FOR:

Hunt Refining Company

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Asphalt Binder

Standard:

Accredited Since:

R28	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	02/11/2016
R29	Grading or Verifying the Performance Grade of an Asphalt Binder	02/11/2016
T44	Solubility of Asphalt Materials in Trichloroethylene	02/11/2016
T48	Flash Point by Cleveland Open Cup	02/11/2016
T49	Penetration of Original Sample of Asphalt Cement	06/15/2018
T51	Ductility of Bituminous Materials	06/15/2018
T228	Specific Gravity (Relative Density) of Asphalt Cement	02/11/2016
T240	Rolling Thin-Film Oven Testing	02/11/2016
T301	Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	02/11/2016
T313	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	02/11/2016
T315	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	02/11/2016
T316	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	02/11/2016
T350	Multiple Stress Creep and Recovery (MSCR) at 64°C, 25mm plate, 1mm gap	06/15/2018
D5	Penetration of Original Sample of Asphalt Cement	06/15/2018
D70	Specific Gravity (Relative Density) of Asphalt Cement	02/11/2016
D92	Flash Point by Cleveland Open Cup	02/11/2016
D113	Ductility of Bituminous Materials	06/15/2018
D2042	Solubility of Asphalt Materials in Trichloroethylene	02/11/2016
D2872	Rolling Thin-Film Oven Testing	02/11/2016
D4402	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	02/11/2016
D6084	Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	02/11/2016
D6521	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	06/15/2018
D6648	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	02/11/2016



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Asphalt Binder (Continued)

Standard:

Accredited Since:

D7175 Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	02/11/2016
D7405 Multiple Stress Creep and Recovery (MSCR) at 64°C, 25mm plate, 1mm gap	02/11/2016
D7643 Determining the Continuous Grading Temperatures and Continuous Grades for PG Graded Asphalt Binders	02/11/2016



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Emulsified Asphalt

Standard:

Accredited Since:

T59	Cement Mixing	06/15/2018
T59	Demulsibility	06/15/2018
T59	Density	06/15/2018
T59	Particle Charge	06/15/2018
T59	Residue by Distillation	06/15/2018
T59	Residue by Evaporation	06/15/2018
T59	Saybolt Viscosity at 25°C (77°F)	06/15/2018
T59	Saybolt Viscosity at 50°C (122°F)	06/15/2018
T59	Settlement and Storage Stability	06/15/2018
T59	Sieve Test	06/15/2018
D6930	Settlement and Storage Stability	04/14/2021
D6933	Sieve Test	04/14/2021
D6934	Residue by Evaporation	04/14/2021
D6935	Cement Mixing	04/14/2021
D6936	Demulsibility	04/14/2021
D6937	Density	04/14/2021
D6997	Residue by Distillation	04/14/2021
D7402	Particle Charge	04/14/2021
D7496	Saybolt Viscosity at 25°C (77°F)	04/14/2021
D7496	Saybolt Viscosity at 50°C (122°F)	04/14/2021



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Pavement Preservation

Standard:

Accredited Since:

D3910	Measurement of Slurry Seal Consistency (Cone Consistency)	04/14/2021
D6372	Classification of Micro-Surfacing Materials Compatibility (SBR)	04/14/2021
D6372	Loaded Wheel Test, Vertical and Lateral Displacement of Cold Mixes (LWT)	04/14/2021
D7000	Sweep Test of Bituminous Emulsion Surface Treatment	04/14/2021
D3910/D6372	Determining Set Time for Slurry Seal and Micro-Surfacing Systems (Blot Test)	04/14/2021
D3910/D6372	Set and Cure Development of Slurry Surfacing Systems by Cohesion Tester	04/14/2021
D3910/D6372	Wet Track Abrasion Of Slurry Surfacing Systems	04/14/2021
TB-100	Wet Track Abrasion Of Slurry Surfacing Systems	04/14/2021
TB-106	Measurement of Slurry Seal Consistency (Cone Consistency)	04/14/2021
TB-109	Excess Asphalt in Bituminous Mixtures by Loaded Wheel and Sand Adhesion	04/14/2021
TB-113	Determining Mix Time for Slurry Surfacing Systems	04/14/2021
TB-114	Wet Stripping of Cured Slurry Surfacing Mixtures	04/14/2021
TB-139	Set and Cure Development of Slurry Surfacing Systems by Cohesion Tester	04/14/2021
TB-144	Classification of Micro-Surfacing Materials Compatibility (SBR)	04/14/2021
TB-147	Loaded Wheel Test, Vertical and Lateral Displacement of Cold Mixes (LWT)	04/14/2021



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Asphalt Mixture

Standard:

Accredited Since:

R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	04/14/2021
R35	Superpave Volumetric Design for Hot Mix Asphalt (HMA)	04/14/2021
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	04/14/2021
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	04/14/2021
T30	Mechanical Analysis of Extracted Aggregate	04/14/2021
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/14/2021
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/14/2021
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	04/14/2021
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/14/2021
T275	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	04/14/2021
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	04/14/2021
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/14/2021
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	04/14/2021
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	04/14/2021
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	04/14/2021
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/14/2021
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/14/2021
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/14/2021
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	04/14/2021
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	04/14/2021
D5444	Mechanical Analysis of Extracted Aggregate	04/14/2021
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/14/2021
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	04/14/2021



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Asphalt Mixture (Continued)

Standard:

Accredited Since:

D6926 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	04/14/2021
D6927 Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	04/14/2021
D6931 Indirect Tensile Strength (IDT)	04/14/2021



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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	04/14/2021
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	04/14/2021
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	04/14/2021
T27	Sieve Analysis of Fine and Coarse Aggregates	04/14/2021
T37	Sieve Analysis of Mineral Filler for Road and Paving Materials	04/14/2021
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/14/2021
T85	Specific Gravity and Absorption of Coarse Aggregate	04/14/2021
T100 (Mineral Filler)	Specific Gravity of Mineral Filler on Asphalt Mixture Designs	04/14/2021
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	04/14/2021
T255	Total Moisture Content of Aggregate by Drying	04/14/2021
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	04/14/2021
T330	The Qualitative Detection of Harmful Clays of the Smectite Group in Aggregates Using Methylene Blue	04/14/2021
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	04/14/2021
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	04/14/2021
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	04/14/2021
C127	Specific Gravity and Absorption of Coarse Aggregate	04/14/2021
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/14/2021
C136	Sieve Analysis of Fine and Coarse Aggregates	04/14/2021
C566	Total Moisture Content of Aggregate by Drying	04/14/2021
C702	Reducing Samples of Aggregate to Testing Size	04/14/2021
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	04/14/2021
D546	Sieve Analysis of Mineral Filler for Road and Paving Materials	04/14/2021
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	04/14/2021



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Aggregate (Continued)

Standard:

Accredited Since:

D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	04/14/2021
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	04/14/2021