



# CERTIFICATE OF ACCREDITATION



## Blankenship Asphalt Tech and Training, PLLC

in

**Richmond, Kentucky, 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)).



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Jim Tymon,  
AASHTO Executive Director



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Matt Linneman  
AASHTO COMP Chair



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## Quality Management System

### Standard:

### Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	03/19/2021
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/29/2024
D3666 (Asphalt Binder)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/29/2024
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	03/19/2021



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## Asphalt Binder

### Standard:

### Accredited Since:

R28	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	05/19/2022
R29	Grading or Verifying the Performance Grade of an Asphalt Binder	05/19/2022
T44	Solubility of Asphalt Materials in Trichloroethylene	08/29/2024
T53	Softening Point of Bitumen (Ring-and-Ball Apparatus)	05/19/2022
T228	Specific Gravity (Relative Density) of Asphalt Cement	05/19/2022
T240	Rolling Thin-Film Oven Testing	05/19/2022
T313	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	05/19/2022
T315	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	05/19/2022
T316	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	08/29/2024
T350	Multiple Stress Creep and Recovery (MSCR)	05/19/2022
D36	Softening Point of Bitumen (Ring-and-Ball Apparatus)	05/19/2022
D70	Specific Gravity (Relative Density) of Asphalt Cement	05/19/2022
D2042	Solubility of Asphalt Materials in Trichloroethylene	08/29/2024
D2872	Rolling Thin-Film Oven Testing	05/19/2022
D4402	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	08/29/2024
D6521	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	05/19/2022
D6648	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	05/19/2022
D7175	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	05/19/2022
D7405	Multiple Stress Creep and Recovery (MSCR)	05/19/2022
D7643	Determining the Continuous Grading Temperatures and Continuous Grades for PG Graded Asphalt Binders	05/19/2022



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## Asphalt Mixture

### Standard:

### Accredited Since:

R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	03/19/2021
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	03/19/2021
R79	Rapid Drying of Compacted Asphalt Mixture Specimens Using Vacuum Drying Apparatus	08/29/2024
R97	Sampling Bituminous Paving Mixtures	03/19/2021
T30	Mechanical Analysis of Extracted Aggregate	05/19/2022
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	03/19/2021
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	03/19/2021
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	03/19/2021
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	03/19/2021
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	03/19/2021
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	03/19/2021
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	08/29/2024
T331	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	03/19/2021
D979	Sampling Bituminous Paving Mixtures	03/19/2021
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	03/19/2021
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	03/19/2021
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	03/19/2021
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	03/19/2021
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	03/19/2021
D5404	Recovery of Asphalt from Solution Using the Rotavapor Apparatus	08/29/2024
D5444	Mechanical Analysis of Extracted Aggregate	05/19/2022
D6752	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	03/19/2021
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	03/19/2021



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### Asphalt Mixture (Continued)

**Standard:****Accredited Since:**

D6931 Indirect Tensile Strength (IDT)	03/19/2021
D7227 Rapid Drying of Compacted Asphalt Mixture Specimens Using Vacuum Drying Apparatus	03/19/2021
D8159 Automated Extraction of Asphalt Binder from Asphalt Mixtures	05/19/2022
D8225 Determination of Cracking Tolerance Index of Asphalt Mixture Using the Indirect Tensile Cracking Test at Intermediate Temperature	05/19/2022



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## Aggregate

### Standard:

### Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	03/19/2021
R90	Sampling Aggregate	03/19/2021
T11	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	03/19/2021
T27	Sieve Analysis of Fine and Coarse Aggregates	03/19/2021
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/19/2021
T85	Specific Gravity and Absorption of Coarse Aggregate	03/19/2021
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	05/19/2022
T255	Total Moisture Content of Aggregate by Drying	08/29/2024
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/19/2022
T330	The Qualitative Detection of Harmful Clays of the Smectite Group in Aggregates Using Methylene Blue	08/29/2024
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	05/19/2022
C117	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	03/19/2021
C127	Specific Gravity and Absorption of Coarse Aggregate	03/19/2021
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/19/2021
C136	Sieve Analysis of Fine and Coarse Aggregates	03/19/2021
C566	Total Moisture Content of Aggregate by Drying	08/29/2024
C702	Reducing Samples of Aggregate to Testing Size	03/19/2021
C837	The Qualitative Detection of Harmful Clays of the Smectite Group in Aggregates Using Methylene Blue	08/29/2024
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/19/2022
D75	Sampling Aggregate	03/19/2021
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	05/19/2022
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	05/19/2022
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	05/19/2022