



CERTIFICATE OF ACCREDITATION



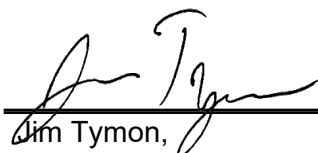
MTE Services, Inc. - a division of Mathy Construction Company

in

Onalaska, Wisconsin, 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).


Jim Tymon,
AASHTO Executive Director


Matt Linneman,
AASHTO COMP Chair

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SCOPE OF AASHTO ACCREDITATION FOR:

MTE Services, Inc. - a division of Mathy Construction Company
in Onalaska, Wisconsin, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	05/01/2001
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	03/12/2019
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	03/12/2019



SCOPE OF AASHTO ACCREDITATION FOR:

MTE Services, Inc. - a division of Mathy Construction Company

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Asphalt Binder

Standard:

Accredited Since:

R28	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	05/01/2001
R29	Grading or Verifying the Performance Grade of an Asphalt Binder	05/01/2001
T44	Solubility of Asphalt Materials in Trichloroethylene	05/01/2001
T48	Flash Point by Cleveland Open Cup	05/01/2001
T49	Penetration of Original Sample of Asphalt Cement	05/01/2001
T50	Float Test for Bituminous Materials	05/01/2001
T51	Ductility of Bituminous Materials	05/01/2001
T53	Softening Point of Bitumen (Ring-and-Ball Apparatus)	05/01/2001
T55	Water in Petroleum Products and Bituminous Materials by Distillation	02/28/2012
T78	Distillation of Cut-Back Asphaltic (Bituminous) Products	05/01/2001
T201	Kinematic Viscosity	05/01/2001
T202	Viscosity by Vacuum Capillary	05/01/2001
T228	Specific Gravity (Relative Density) of Asphalt Cement	05/01/2001
T240	Rolling Thin-Film Oven Testing	05/01/2001
T300	Force Ductility Test of Bituminous Materials	05/01/2001
T301	Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	05/01/2001
T313	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	05/01/2001
T315	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	05/01/2001
T316	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	05/01/2001
T350	Multiple Stress Creep and Recovery (MSCR)	08/24/2016
D5	Penetration of Original Sample of Asphalt Cement	05/01/2001
D36	Softening Point of Bitumen (Ring-and-Ball Apparatus)	05/01/2001
D70	Specific Gravity (Relative Density) of Asphalt Cement	05/01/2001



SCOPE OF AASHTO ACCREDITATION FOR:

MTE Services, Inc. - a division of Mathy Construction Company
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Asphalt Binder (Continued)

Standard:	Accredited Since:
D92 Flash Point by Cleveland Open Cup	05/01/2001
D95 Water in Petroleum Products and Bituminous Materials by Distillation	02/28/2012
D113 Ductility of Bituminous Materials	05/01/2001
D139 Float Test for Bituminous Materials	05/01/2001
D402 Distillation of Cut-Back Asphaltic (Bituminous) Products	05/01/2001
D2042 Solubility of Asphalt Materials in Trichloroethylene	05/01/2001
D2170 Kinematic Viscosity	05/01/2001
D2171 Viscosity by Vacuum Capillary	05/01/2001
D2872 Rolling Thin-Film Oven Testing	05/01/2001
D4402 Viscosity Determination of Asphalt Binder Using Rotational Viscometer	05/01/2001
D5801 Toughness and Tenacity of Bituminous Materials	05/01/2001
D6084 Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	05/01/2001
D6521 Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	05/01/2001
D6648 Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	05/01/2001
D7175 Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	05/01/2001
D7405 Multiple Stress Creep and Recovery (MSCR)	05/01/2001
D7553 Solubility of Asphalt Materials in N-Propyl Bromide	03/19/2014
D7643 Determining the Continuous Grading Temperatures and Continuous Grades for PG Graded Asphalt Binders	08/24/2016
D8078 Ash Content of Asphalt and Emulsified Asphalt Residues	03/12/2019



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Emulsified Asphalt

Standard:		Accredited Since:
T59	Aggregate Coating	02/28/2012
T59	Cement Mixing	05/01/2001
T59	Demulsibility	05/01/2001
T59	Density	05/01/2001
T59	Freezing	03/19/2014
T59	Particle Charge	05/01/2001
T59	Residue by Distillation	05/01/2001
T59	Residue by Evaporation	05/01/2001
T59	Settlement and Storage Stability	05/01/2001
T59	Sieve Test	05/01/2001
T382	Viscosity of Emulsified Asphalts Using Rotational Paddle Viscometer at 25°C (77°F)	10/20/2021
T382	Viscosity of Emulsified Asphalts Using Rotational Paddle Viscometer at 50°C (122°F)	10/20/2021
T59-T72	Saybolt Furol Viscosity at 25°C (77°F)	05/01/2001
T59-T72	Saybolt Furol Viscosity at 50°C (122°F)	05/01/2001
D6929	Freezing	03/19/2014
D6930	Settlement and Storage Stability	05/01/2001
D6933	Sieve Test	05/01/2001
D6934	Residue by Evaporation	05/01/2001
D6935	Cement Mixing	05/01/2001
D6936	Demulsibility	05/01/2001
D6937	Density	05/01/2001
D6997	Residue by Distillation	05/01/2001
D6998	Aggregate Coating	02/28/2012



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Emulsified Asphalt (Continued)

Standard:		Accredited Since:
D7226	Viscosity of Emulsified Asphalts Using Rotational Paddle Viscometer at 25°C (77°F)	03/12/2019
D7226	Viscosity of Emulsified Asphalts Using Rotational Paddle Viscometer at 50°C (122°F)	03/12/2019
D7402	Particle Charge	05/01/2001
D7496-D88	Saybolt Furol Viscosity at 25°C (77°F)	05/01/2001
D7496-D88	Saybolt Furol Viscosity at 50°C (122°F)	05/01/2001



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Asphalt Mixture

Standard:

Accredited Since:

R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	08/24/2016
R35	Superpave Volumetric Design for Hot Mix Asphalt (HMA)	08/24/2016
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	05/01/2001
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	05/01/2001
R79	Rapid Drying of Compacted Asphalt Mixture Specimens Using Vacuum Drying Apparatus	01/03/2025
T30	Mechanical Analysis of Extracted Aggregate	05/01/2001
T110	Moisture or Volatile Distillates in Bituminous Paving Mixtures	05/01/2001
T164	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	05/01/2001
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	05/01/2001
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/01/2001
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	05/01/2001
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/01/2001
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	05/01/2001
T305	Draindown Characteristics of HMA	03/19/2014
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	03/19/2014
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	05/01/2001
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	05/01/2001
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	05/01/2001
T331	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	05/01/2001
D1461	Moisture or Volatile Distillates in Bituminous Paving Mixtures	05/01/2001
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/01/2001
D2172	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	05/01/2001
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	05/01/2001



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Asphalt Mixture (Continued)

Standard:	Accredited Since:
D3203 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/01/2001
D3549 Thickness or Height of Compacted Bituminous Paving Mixture Specimens	10/20/2021
D4867 Resistance of Compacted Mixtures to Moisture Induced Damage	05/01/2001
D5404 Recovery of Asphalt from Solution Using the Rotavapor Apparatus	05/01/2001
D5444 Mechanical Analysis of Extracted Aggregate	05/01/2001
D6307 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	03/19/2014
D6390 Draindown Characteristics of HMA	03/19/2014
D6752 Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	05/01/2001
D6925 Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	05/01/2001
D6926 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	05/01/2001
D6927 Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	05/01/2001
D6931 Indirect Tensile Strength (IDT)	05/01/2001
D7227 Rapid Drying of Compacted Asphalt Mixture Specimens Using Vacuum Drying Apparatus	01/03/2025
D7906 Recovery of Asphalt Using Toluene and Rotavapor	03/12/2019
D8159 Automated Extraction of Asphalt Binder from Asphalt Mixtures	10/20/2021
D8225 Determination of Cracking Tolerance Index of Asphalt Mixture Using the Indirect Tensile Cracking Test at Intermediate Temperature	01/03/2025



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/01/2001
R74	Wet Preparation of Disturbed Soil Samples for Test	02/28/2012
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	10/01/2001
T90	Plastic Limit of Soils (Atterberg Limits)	10/01/2001
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/01/2001
T100	Specific Gravity of Soils	10/01/2001
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/01/2001
T265	Laboratory Determination of Moisture Content of Soils	10/01/2001
T267	Determination of Organic Content in Soils by Loss on Ignition	01/03/2025
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/01/2001
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/01/2001
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/01/2001
D2216	Laboratory Determination of Moisture Content of Soils	10/01/2001
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	10/01/2001
D4318	Plastic Limit of Soils (Atterberg Limits)	10/01/2001



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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	10/01/2001
R90	Sampling Aggregate	03/19/2014
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	10/01/2001
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	10/01/2001
T21	Organic Impurities in Fine Aggregates for Concrete	10/01/2001
T27	Sieve Analysis of Fine and Coarse Aggregates	10/01/2001
T37	Sieve Analysis of Mineral Filler for Road and Paving Materials	10/01/2001
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/01/2001
T85	Specific Gravity and Absorption of Coarse Aggregate	10/01/2001
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/01/2001
T100 (Mineral Filler)	Specific Gravity of Mineral Filler on Asphalt Mixture Designs	02/14/2019
T103	Soundness of Aggregates by Freezing and Thawing	10/20/2021
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	10/01/2001
T112	Clay Lumps and Friable Particles in Aggregate	10/01/2001
T113 (Coarse Aggregate Only)	Lightweight Pieces in Aggregate (Coarse Aggregate Only)	10/01/2001
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/01/2001
T255	Total Moisture Content of Aggregate by Drying	10/01/2001
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	10/01/2001
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	03/19/2014
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	10/01/2001
C40	Organic Impurities in Fine Aggregates for Concrete	10/01/2001
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	10/01/2001
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	10/01/2001



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Aggregate (Continued)

Standard:		Accredited Since:
C123 (Coarse Aggregate Only)	Lightweight Pieces in Aggregate (Coarse Aggregate Only)	10/01/2001
C127	Specific Gravity and Absorption of Coarse Aggregate	10/01/2001
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/01/2001
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/01/2001
C136	Sieve Analysis of Fine and Coarse Aggregates	10/01/2001
C142	Clay Lumps and Friable Particles in Aggregate	10/01/2001
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/01/2001
C566	Total Moisture Content of Aggregate by Drying	10/01/2001
C702	Reducing Samples of Aggregate to Testing Size	10/01/2001
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	10/01/2001
D75	Sampling Aggregate	03/19/2014
D546	Sieve Analysis of Mineral Filler for Road and Paving Materials	10/01/2001
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/01/2001
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	10/01/2001
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	10/01/2001