AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Arrmaz Products, Inc.

in

Tulsa, Oklahoma, 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:

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Quality Management System

Standard:	Accredited Since:
R18 Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	05/15/2001

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Asphalt Binder

Standard:		Accredited Since:
R28	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	05/15/2001
R29	Grading or Verifying the Performance Grade of an Asphalt Binder	11/22/2021
T48	Flash Point by Cleveland Open Cup	05/15/2001
T49	Penetration of Original Sample of Asphalt Cement	05/15/2001
T51	Ductility of Bituminous Materials	05/15/2001
T53	Softening Point of Bitumen (Ring-and-Ball Apparatus)	05/15/2001
T111	Ash Content of Asphalt and Emulsified Asphalt Residues	02/19/2025
T228	Specific Gravity (Relative Density) of Asphalt Cement	05/15/2001
T240	Rolling Thin-Film Oven Testing	05/15/2001
T301	Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	05/15/2001
T313	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	05/15/2001
T315	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	05/15/2001
T316	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	05/15/2001
T350	Multiple Stress Creep and Recovery (MSCR)	01/11/2019
D5	Penetration of Original Sample of Asphalt Cement	05/15/2001
D36	Softening Point of Bitumen (Ring-and-Ball Apparatus)	05/15/2001
D70	Specific Gravity (Relative Density) of Asphalt Cement	05/15/2001
D92	Flash Point by Cleveland Open Cup	05/15/2001
D113	Ductility of Bituminous Materials	05/15/2001
D2872	Rolling Thin-Film Oven Testing	05/15/2001
D4402	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	05/15/2001
D6084	Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	05/15/2001
D6521	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	05/15/2001

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Asphalt Binder (Continued)

Standard:	Accredited Since:
D6648 Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	05/15/2001
D7175 Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	05/15/2001
D7405 Multiple Stress Creep and Recovery (MSCR)	05/15/2001
D8078 Ash Content of Asphalt and Emulsified Asphalt Residues	01/11/2019

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Emulsified Asphalt

Standard:		Accredited Since:
T59	Aggregate Coating	11/22/2021
T59	Cement Mixing	05/15/2001
T59	Demulsibility	05/15/2001
T59	Density	05/15/2001
T59	Particle Charge	05/15/2001
T59	Residue by Distillation	05/15/2001
T59	Residue by Evaporation	05/15/2001
T59	Settlement and Storage Stability	05/15/2001
T59	Sieve Test	05/15/2001
T59-T72	Saybolt Furol Viscosity at 25°C (77°F)	05/15/2001
T59-T72	Saybolt Furol Viscosity at 50°C (122°F)	05/15/2001
D6930	Settlement and Storage Stability	05/15/2001
D6933	Sieve Test	05/15/2001
D6934	Residue by Evaporation	05/15/2001
D6935	Cement Mixing	05/15/2001
D6936	Demulsibility	05/15/2001
D6937	Density	05/15/2001
D6997	Residue by Distillation	05/15/2001
D6998	Aggregate Coating	11/22/2021
D7402	Particle Charge	05/15/2001
D7496-D88	Saybolt Furol Viscosity at 25°C (77°F)	05/15/2001
D7496-D88	Saybolt Furol Viscosity at 50°C (122°F)	05/15/2001

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Pavement Preservation

Standard:		Accredited Since:
D3910	Measurement of Slurry Seal Consistency (Cone Consistency)	06/24/2016
D6372	Classification of Micro-Surfacing Materials Compatibility (SBR)	06/24/2016
D6372	Loaded Wheel Test, Vertical and Lateral Displacement of Cold Mixes (LWT)	06/24/2016
D3910/D6372	Determining Set Time for Slurry Seal and Micro-Surfacing Systems (Blot Test)	06/24/2016
D3910/D6372	Set and Cure Development of Slurry Surfacing Systems by Cohesion Tester	06/24/2016
D3910/D6372	Wet Track Abrasion Of Slurry Surfacing Systems	06/24/2016
TB-100	Wet Track Abrasion Of Slurry Surfacing Systems	06/24/2016
TB-106	Measurement of Slurry Seal Consistency (Cone Consistency)	06/24/2016
TB-109	Excess Asphalt in Bituminous Mixtures by Loaded Wheel and Sand Adhesion	06/24/2016
TB-113	Determining Mix Time for Slurry Surfacing Systems	06/24/2016
TB-114	Wet Stripping of Cured Slurry Surfacing Mixtures	06/24/2016
TB-139	Set and Cure Development of Slurry Surfacing Systems by Cohesion Tester	06/24/2016
TB-144	Classification of Micro-Surfacing Materials Compatibility (SBR)	06/24/2016
TB-147	Loaded Wheel Test, Vertical and Lateral Displacement of Cold Mixes (LWT)	06/24/2016

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Asphalt Mixture

Standard:		Accredited Since:
R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	01/11/2019
T30	Mechanical Analysis of Extracted Aggregate	09/01/2001
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	09/01/2001
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	09/01/2001
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	09/01/2001
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	09/01/2001
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	09/01/2001
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	09/01/2001
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	09/01/2001
T331	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	09/01/2001
T340	Determining Rutting Susceptibility of Hot Mix Asphalt (HMA) Using the Asphalt Pavement Analyzer (APA)	11/22/2021
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	09/01/2001
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	09/01/2001
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	09/01/2001
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	11/22/2021
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	09/01/2001
D5444	Mechanical Analysis of Extracted Aggregate	09/01/2001
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	09/01/2001
D6752	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	09/01/2001
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	09/01/2001
D6931	Indirect Tensile Strength (IDT)	09/01/2001
D7906	Recovery of Asphalt Using Toluene and Rotavapor	03/01/2019

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Aggregate

Standard:		Accredited Since:
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	08/01/2001
T27	Sieve Analysis of Fine and Coarse Aggregates	08/01/2001
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	08/01/2001
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	08/01/2001
C136	Sieve Analysis of Fine and Coarse Aggregates	08/01/2001
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	08/01/2001

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