



CERTIFICATE OF ACCREDITATION



FHWA-Central Federal Lands Highway Division

in

Denver, Colorado, 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 'Matt Linneman', written over a horizontal line.

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 06/12/2026 at 2:59 PM 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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Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	03/01/1989
ISO/IEC 17025	General Requirements for the Competence of Testing and Calibration Laboratories	11/15/2001
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3666 (Asphalt Binder)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	01/12/2022
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Asphalt Binder)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/12/2022



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Asphalt Binder

Standard:

Accredited Since:

R28	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	03/01/1989
T51	Ductility of Bituminous Materials	03/01/1989
T228	Specific Gravity (Relative Density) of Asphalt Cement	03/01/1989
T240	Rolling Thin-Film Oven Testing	03/01/1989
T301	Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	03/01/1989
T313	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	03/01/1989
T315	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	03/01/1989
T316	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	03/01/1989
T350	Multiple Stress Creep and Recovery (MSCR)	09/30/2016
D70	Specific Gravity (Relative Density) of Asphalt Cement	03/01/1989
D113	Ductility of Bituminous Materials	03/01/1989
D2872	Rolling Thin-Film Oven Testing	03/01/1989
D4402	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	03/01/1989
D6084	Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	03/01/1989
D6648	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	03/01/1989
D7175	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	03/01/1989
D7405	Multiple Stress Creep and Recovery (MSCR)	03/01/1989



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Emulsified Asphalt

Standard:	Accredited Since:
T59 Aggregate Coating	03/01/1989
T59 Particle Charge	03/01/1989
T59 Residue by Evaporation	03/01/1989
T59 Settlement and Storage Stability	03/01/1989
T59 Sieve Test	03/01/1989
T59-T72 Saybolt Furol Viscosity at 25°C (77°F)	03/01/1989
T59-T72 Saybolt Furol Viscosity at 50°C (122°F)	03/01/1989
D6930 Settlement and Storage Stability	03/01/1989
D6933 Sieve Test	03/01/1989
D6934 Residue by Evaporation	03/01/1989
D6998 Aggregate Coating	03/01/1989
D7402 Particle Charge	03/01/1989
D7496-D88 Saybolt Furol Viscosity at 25°C (77°F)	03/01/1989
D7496-D88 Saybolt Furol Viscosity at 50°C (122°F)	03/01/1989



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Asphalt Mixture

Standard:	Accredited Since:
R30	Mixture Conditioning of Hot Mix Asphalt (HMA) 09/30/2016
R35	Superpave Volumetric Design for Hot Mix Asphalt (HMA) 09/30/2016
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size 03/01/1989
R79	Rapid Drying of Compacted Asphalt Mixture Specimens Using Vacuum Drying Apparatus 09/01/2021
R97	Sampling Bituminous Paving Mixtures 09/01/2021
T30	Mechanical Analysis of Extracted Aggregate 03/01/1989
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens 03/01/1989
T167	Compressive Strength of Hot Mix Asphalt 03/01/1989
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures 03/01/1989
T246	Resistance to Deformation and Cohesion of Bituminous Mixtures by Means of Hveem Apparatus 10/24/2014
T247	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor 03/01/1989
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures 03/01/1989
T283	Resistance of Compacted Mixtures to Moisture Induced Damage 03/01/1989
T305	Draindown Characteristics of HMA 10/24/2014
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method 03/01/1989
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyration Compactor 03/01/1989
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method 03/01/1989
T331	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method 03/01/1989
D979	Sampling Bituminous Paving Mixtures 09/01/2021
D1074	Compressive Strength of Hot Mix Asphalt 03/01/1989
D1075	Effect of Water on Cohesion of Compacted Bituminous Mixtures 03/01/1989
D1560 (Stability)	Resistance to Deformation of Bituminous Mixtures by Means of Hveem Apparatus 03/01/1989
D1561	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor 03/01/1989



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Asphalt Mixture (Continued)

Standard:	Accredited Since:	
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	03/01/1989
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	03/01/1989
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	03/01/1989
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	09/01/2021
D3665	Random Sampling of Construction Materials	09/01/2021
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	03/01/1989
D5444	Mechanical Analysis of Extracted Aggregate	03/01/1989
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	03/01/1989
D6390	Draindown Characteristics of HMA	10/24/2014
D6752	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	03/01/1989
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyrotory Compactor	03/01/1989
D6931	Indirect Tensile Strength (IDT)	03/01/1989
D7227	Rapid Drying of Compacted Asphalt Mixture Specimens Using Vacuum Drying Apparatus	09/01/2021



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/01/1989
R74	Wet Preparation of Disturbed Soil Samples for Test	03/01/1989
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	03/01/1989
T90	Plastic Limit of Soils (Atterberg Limits)	03/01/1989
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	03/01/1989
T100	Specific Gravity of Soils	03/01/1989
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/01/1989
T190	Resistance R-Value and Expansion Pressure of Compacted Soils	03/01/1989
T265	Laboratory Determination of Moisture Content of Soils	03/01/1989
T267	Determination of Organic Content in Soils by Loss on Ignition	06/21/2012
T288	Minimum Soil Resistivity	10/24/2014
T289	pH of Soils for Corrosion Testing	10/24/2014
T311	Grain-Size Analysis of Granular Soil Materials	03/01/1989
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/01/1989
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	03/01/1989
D854	Specific Gravity of Soils	03/01/1989
D1140	Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	03/01/1989
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/01/1989
D2216	Laboratory Determination of Moisture Content of Soils	03/01/1989
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	03/01/1989
D2488	Description and Identification of Soils (Visual-Manual Procedure)	03/01/1989
D2844	Resistance R-Value and Expansion Pressure of Compacted Soils	03/01/1989
D2974	Determination of Organic Content in Soils by Loss on Ignition	06/21/2012



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Soil (Continued)

Standard:

Accredited Since:

D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	03/01/1989
D4318 Plastic Limit of Soils (Atterberg Limits)	03/01/1989
D4643 Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	09/30/2016



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Rock

Standard:

Accredited Since:

D4543	Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	03/05/2025
D7012 (Method C)	Compressive Strength of Rock Core Specimens (Method C)	03/05/2025



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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	03/01/1989
R90	Sampling Aggregate	10/24/2014
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	03/01/1989
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	03/01/1989
T21	Organic Impurities in Fine Aggregates for Concrete	03/01/1989
T27	Sieve Analysis of Fine and Coarse Aggregates	03/01/1989
T37	Sieve Analysis of Mineral Filler for Road and Paving Materials	03/01/1989
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/01/1989
T85	Specific Gravity and Absorption of Coarse Aggregate	03/01/1989
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	03/01/1989
T100 (Mineral Filler)	Specific Gravity of Mineral Filler on Asphalt Mixture Designs	03/08/2019
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	03/01/1989
T112	Clay Lumps and Friable Particles in Aggregate	03/01/1989
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	03/01/1989
T255	Total Moisture Content of Aggregate by Drying	03/01/1989
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	03/01/1989
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	10/24/2014
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	03/01/1989
C40	Organic Impurities in Fine Aggregates for Concrete	03/01/1989
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	03/01/1989
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	03/01/1989
C127	Specific Gravity and Absorption of Coarse Aggregate	03/01/1989
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/01/1989



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Aggregate (Continued)

Standard:		Accredited Since:
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	03/01/1989
C136	Sieve Analysis of Fine and Coarse Aggregates	03/01/1989
C142	Clay Lumps and Friable Particles in Aggregate	03/01/1989
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	03/01/1989
C566	Total Moisture Content of Aggregate by Drying	03/01/1989
C702	Reducing Samples of Aggregate to Testing Size	03/01/1989
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	03/01/1989
D75	Sampling Aggregate	10/24/2014
D546	Sieve Analysis of Mineral Filler for Road and Paving Materials	03/01/1989
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	03/01/1989
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	03/01/1989
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	03/01/1989



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Concrete

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/25/2013
R39	Making and Curing Concrete Test Specimens in the Laboratory	05/01/1989
R60	Sampling Freshly Mixed Concrete	05/01/1989
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	05/01/1989
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	07/01/2024
T22	Compressive Strength of Cylindrical Concrete Specimens	05/01/1989
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	07/15/2015
T119	Slump of Hydraulic Cement Concrete	05/01/1989
T121	Density (Unit Weight), Yield, and Air Content of Concrete	05/01/1989
T148	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	07/01/2024
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	05/01/1989
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	05/01/1989
T231 (8000 psi and below)	Capping Cylindrical Concrete Specimens	03/11/2021
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	07/15/2015
T309	Temperature of Freshly Mixed Portland Cement Concrete	05/01/1989
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	05/01/1989
C39	Compressive Strength of Cylindrical Concrete Specimens	05/01/1989
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	05/01/1989
C138	Density (Unit Weight), Yield, and Air Content of Concrete	05/01/1989
C143	Slump of Hydraulic Cement Concrete	05/01/1989
C172	Sampling Freshly Mixed Concrete	05/01/1989
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	05/01/1989
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	07/01/2024



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Concrete (Continued)

Standard:		Accredited Since:
C192	Making and Curing Concrete Test Specimens in the Laboratory	05/01/1989
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	05/01/1989
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	07/01/2024
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/25/2013
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	03/11/2021
C642	Density, Absorption, and Voids in Hardened Concrete	07/01/2024
C1064	Temperature of Freshly Mixed Portland Cement Concrete	05/01/1989
C1140 (Obtaining and Testing Specimens)	Preparing and Testing Specimens from Shotcrete Test Panels	07/01/2024
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	01/25/2013
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	03/01/1989
C1542	Measuring Length of Concrete Cores	07/15/2015
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	05/01/1989
C1604	Standard Test Method for Obtaining and Testing Drilled Cores of Shotcrete	07/01/2024