



CERTIFICATE OF ACCREDITATION



Florida Department of Transportation

in

Gainesville, Florida, 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).

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 06/21/2026 at 10:25 AM Eastern Time. Please confirm the current accreditation status of this laboratory at 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	02/01/1990
ISO/IEC 17025	General Requirements for the Competence of Testing and Calibration Laboratories	11/04/2002
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	04/06/2017
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1222 (Cement)	Evaluation of Laboratories Testing Hydraulic Cement	01/10/2011



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Asphalt Binder

Standard:

Accredited Since:

R28	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	02/01/1990
R29	Grading or Verifying the Performance Grade of an Asphalt Binder	04/17/2020
T44	Solubility of Asphalt Materials in Trichloroethylene	02/01/1990
T48	Flash Point by Cleveland Open Cup	02/01/1990
T49	Penetration of Original Sample of Asphalt Cement	02/08/2018
T53	Softening Point of Bitumen (Ring-and-Ball Apparatus)	02/01/1990
T55	Water in Petroleum Products and Bituminous Materials by Distillation	02/01/1990
T228	Specific Gravity (Relative Density) of Asphalt Cement	02/01/1990
T240	Rolling Thin-Film Oven Testing	02/01/1990
T313	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	02/01/1990
T315	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	02/01/1990
T316	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	02/01/1990
T350	Multiple Stress Creep and Recovery (MSCR)	12/30/2015
D8078	Ash Content of Asphalt and Emulsified Asphalt Residues	08/07/2025



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Emulsified Asphalt

Standard:

Accredited Since:

T59	Cement Mixing	02/01/1990
T59	Demulsibility	02/01/1990
T59	Particle Charge	02/01/1990
T59	Residue by Distillation	02/01/1990
T59	Residue by Evaporation	02/01/1990
T59	Settlement and Storage Stability	02/01/1990
T59	Sieve Test	02/01/1990
T59-T72 Saybolt Furol Viscosity at 25°C (77°F)		02/01/1990
T59-T72 Saybolt Furol Viscosity at 50°C (122°F)		02/01/1990



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Asphalt Mixture

Standard:

Accredited Since:

R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	12/30/2015
T30	Mechanical Analysis of Extracted Aggregate	02/01/1990
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	02/01/1990
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	02/01/1990
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	02/01/1990
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	02/01/1990
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyrotory Compactor	02/01/1990
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	02/08/2018
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	04/19/2023



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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	02/01/1990
T88	Particle Size Analysis of Soils by Hydrometer	02/01/1990
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	02/01/1990
T90	Plastic Limit of Soils (Atterberg Limits)	02/01/1990
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	02/01/1990
T100	Specific Gravity of Soils	02/01/1990
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	02/01/1990
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	02/01/1990
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	02/01/1990
T265	Laboratory Determination of Moisture Content of Soils	02/01/1990
T267	Determination of Organic Content in Soils by Loss on Ignition	09/29/2011
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	12/30/2015
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	12/30/2015
D3080 (2000 lb/ft-sq or Greater Normal Stress)	Direct Shear Test of Soils Under Consolidated Drained Conditions (with Exceptions)	04/19/2023
D4767	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	02/08/2018
FM1-T180	Moisture-Density Relations of Soils for Limerock Bearing Ratio	02/08/2018
FM5-515	Limerock Bearing Ratio	09/29/2011
FM5-550	pH of Soil and Water	04/17/2020
FM5-551	Minimum Resistivity of Soil and Water	04/17/2020
FM5-552	Chloride in Soil and Water	04/17/2020
FM5-553	Sulfate in Soil and Water	04/17/2020



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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	02/01/1990
R90	Sampling Aggregate	08/07/2025
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	02/01/1990
T21	Organic Impurities in Fine Aggregates for Concrete	02/01/1990
T27	Sieve Analysis of Fine and Coarse Aggregates	02/01/1990
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	02/01/1990
T85	Specific Gravity and Absorption of Coarse Aggregate	02/01/1990
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/01/1990
T104 (Coarse Aggregate)	Sulfate Soundness of Aggregates	01/31/2024
T255	Total Moisture Content of Aggregate by Drying	02/01/1990
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	02/01/1990
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	02/08/2018
C127	Specific Gravity and Absorption of Coarse Aggregate	02/08/2018
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	02/08/2018
C136	Sieve Analysis of Fine and Coarse Aggregates	02/08/2018
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/01/1990



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Iron and Steel

Standard:	Accredited Since:
M31-T244 Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	09/03/2019
M31-T244 Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	09/03/2019
M31-T244 Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	09/03/2019
M31-T285 Carbon-Steel Bars, Deformed and Plain: Bend Test	09/03/2019
A615 Carbon-Steel Bars, Deformed and Plain: Unit Weight	08/07/2025
A706 Low Alloy Steel Bars, Deformed and Plain: Unit Weight	08/07/2025
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	12/30/2015
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	12/30/2015
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	12/30/2015
A615-E290 Carbon-Steel Bars, Deformed and Plain: Bend Test	06/12/2009
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Elongation)	09/03/2019
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	09/03/2019
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Yield Strength)	09/03/2019
A706-E290 Low Alloy Steel Bars, Deformed and Plain: Bend Test	04/17/2020
A416-A1061 Steel Strand, Uncoated Seven-Wire: Tension (Elongation)	12/30/2015
A416-A1061 Steel Strand, Uncoated Seven-Wire: Tension (Ultimate Tensile Strength)	12/30/2015
A416-A1061 Steel Strand, Uncoated Seven-Wire: Tension (Yield Strength)	12/30/2015



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Cementitious Material - Chemical Tests

Standard:	Accredited Since:
T105 Aluminum Oxide – X-Ray Fluorescence	09/01/2002
T105 Calcium Oxide – X-Ray Fluorescence	09/01/2002
T105 Ferric Oxide – X-Ray Fluorescence	09/01/2002
T105 Insoluble Residue – Reference	09/01/2002
T105 Loss on Ignition – Reference	09/01/2002
T105 Magnesium Oxide – X-Ray Fluorescence	09/01/2002
T105 Manganic Oxide – X-Ray Fluorescence	08/07/2025
T105 Phosphorus Pentoxide – X-Ray Fluorescence	08/07/2025
T105 Potassium Oxide – X-Ray Fluorescence	09/01/2002
T105 Silicon Dioxide – X-Ray Fluorescence	02/01/1990
T105 Sodium Oxide – X-Ray Fluorescence	09/01/2002
T105 Sulfur Trioxide – X-Ray Fluorescence	09/01/2002
T105 Titanium Dioxide – X-Ray Fluorescence	09/03/2019
C114 Aluminum Oxide – X-Ray Fluorescence	09/01/2002
C114 Calcium Oxide – X-Ray Fluorescence	09/01/2002
C114 Ferric Oxide – X-Ray Fluorescence	09/01/2002
C114 Insoluble Residue – Reference	09/01/2002
C114 Loss on Ignition – Reference	09/01/2002
C114 Magnesium Oxide – X-Ray Fluorescence	09/01/2002
C114 Manganic Oxide – X-Ray Fluorescence	08/07/2025
C114 Phosphorus Pentoxide – X-Ray Fluorescence	08/07/2025
C114 Potassium Oxide – X-Ray Fluorescence	09/01/2002
C114 Silicon Dioxide – X-Ray Fluorescence	09/01/2002



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Cementitious Material - Chemical Tests (Continued)

Standard:

Accredited Since:

C114 Sodium Oxide – X-Ray Fluorescence	09/01/2002
C114 Sulfur Trioxide – X-Ray Fluorescence	09/01/2002
C114 Titanium Dioxide – X-Ray Fluorescence	09/03/2019



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Cement - Physical Tests

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/02/2012
R71	Sampling and the Amount of Testing of Hydraulic Cement	08/02/2012
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	09/01/2002
T105 (Loss on Ignition - Reference)	Loss on Ignition – Reference	09/03/2019
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	09/01/2002
T129	Normal Consistency of Hydraulic Cement	09/01/2002
T131	Time of Setting of Hydraulic Cement by Vicat Needle	10/14/2022
T153	Fineness of Hydraulic Cement by Air Permeability Apparatus	09/01/2002
T192	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	04/06/2017
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	08/02/2012
C114 (Loss on Ignition - Reference)	Loss on Ignition – Reference	09/03/2019
C183	Sampling and the Amount of Testing of Hydraulic Cement	09/01/2002
C187	Normal Consistency of Hydraulic Cement	09/01/2002
C191	Time of Setting of Hydraulic Cement by Vicat Needle	10/14/2022
C204	Fineness of Hydraulic Cement by Air Permeability Apparatus	09/01/2002
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	09/01/2002
C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	04/06/2017
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/02/2012
C1437	Flow of Hydraulic Cement Mortar	09/01/2002



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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	08/02/2012
R39	Making and Curing Concrete Test Specimens in the Laboratory	08/02/2012
R60	Sampling Freshly Mixed Concrete	10/29/2014
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	10/29/2014
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	10/29/2014
T22	Compressive Strength of Cylindrical Concrete Specimens	02/01/1990
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	08/02/2012
T119	Slump of Hydraulic Cement Concrete	02/01/1990
T121	Density (Unit Weight), Yield, and Air Content of Concrete	02/01/1990
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	08/02/2012
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/01/1990
T309	Temperature of Freshly Mixed Portland Cement Concrete	02/01/1990
T358	Surface Resistivity Indication of Concrete's Ability to Resist Chloride Ion Penetration	01/11/2021
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	02/01/1990
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/01/1990
C39	Compressive Strength of Cylindrical Concrete Specimens	02/01/1990
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	02/01/1990
C138	Density (Unit Weight), Yield, and Air Content of Concrete	02/01/1990
C143	Slump of Hydraulic Cement Concrete	02/01/1990
C172	Sampling Freshly Mixed Concrete	02/01/1990
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/01/1990
C192	Making and Curing Concrete Test Specimens in the Laboratory	02/01/1990
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	02/01/1990



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Concrete (Continued)

Standard:

Accredited Since:

C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/02/2012
C1064	Temperature of Freshly Mixed Portland Cement Concrete	02/01/1990
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	08/02/2012
C1399	Obtaining Average Residual-Strength of Fiber-Reinforced Concrete	08/02/2012



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Pozzolan

Standard:

Accredited Since:

M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/29/2014
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	10/29/2014
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	10/29/2014
T129	Normal Consistency of Hydraulic Cement	10/29/2014
T192	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	10/29/2014
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	10/29/2014
C187	Normal Consistency of Hydraulic Cement	10/29/2014
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	10/29/2014
C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	10/29/2014
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/29/2014
C1437	Flow of Hydraulic Cement Mortar	10/29/2014



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Slag Cement

Standard:

Accredited Since:

M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/03/2019
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	09/03/2019
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	09/03/2019
T192	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	09/03/2019
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	09/03/2019
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	09/03/2019
C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	09/03/2019
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/03/2019
C1437	Flow of Hydraulic Cement Mortar	09/03/2019