AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Louisiana Department of Transportation

in

Baton Rouge, Louisiana, 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

This certificate was generated on 05/13/2026 at 6:52 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Louisiana Department of Transportation

in Baton Rouge, Louisiana, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	10/15/1988
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1222 (Cement)	Evaluation of Laboratories Testing Hydraulic Cement	01/10/2011

Scope of AASHTO Accreditation for:

Louisiana Department of Transportation

in Baton Rouge, Louisiana, USA

Asphalt Binder

Standard:	Accredited Since:
R28 Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	10/15/1988
T51 Ductility of Bituminous Materials	10/15/1988
T53 Softening Point of Bitumen (Ring-and-Ball Apparatus)	10/15/1988
T240 Rolling Thin-Film Oven Testing	10/15/1988
T301 Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	10/15/1988
T313 Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	07/25/2016
T315 Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	10/15/1988
T316 Viscosity Determination of Asphalt Binder Using Rotational Viscometer	10/15/1988
T350 Multiple Stress Creep and Recovery (MSCR)	07/25/2016

Scope of AASHTO Accreditation for:

Louisiana Department of Transportation

in Baton Rouge, Louisiana, USA

Emulsified Asphalt

Standard:		Accredited Since:
T59	Residue by Distillation	10/15/1988
T59	Residue by Evaporation	10/15/1988
T59	Settlement and Storage Stability	10/15/1988
T59	Sieve Test	10/15/1988
T59-T72	Saybolt Furol Viscosity at 25°C (77°F)	10/15/1988
T59-T72	Saybolt Furol Viscosity at 50°C (122°F)	10/15/1988

Scope of AASHTO Accreditation for:

Louisiana Department of Transportation

in Baton Rouge, Louisiana, USA

Asphalt Mixture

Standard:	Accredited Since:
T30 Mechanical Analysis of Extracted Aggregate	10/15/1988
T166 Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	10/15/1988
T209 Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	10/15/1988
T269 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/15/1988
T308 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	07/25/2016
T312 Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	07/25/2016
T324 Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	07/25/2016

Scope of AASHTO Accreditation for:

Louisiana Department of Transportation

in Baton Rouge, Louisiana, USA

Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/15/1988
T88	Particle Size Analysis of Soils by Hydrometer	10/15/1988
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	10/15/1988
T90	Plastic Limit of Soils (Atterberg Limits)	10/15/1988
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/15/1988
T100	Specific Gravity of Soils	10/15/1988
T134	Moisture-Density Relations of Soil-Cement Mixtures	07/25/2016
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/15/1988
T208	Unconfined Compressive Strength of Cohesive Soil	10/15/1988
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	10/15/1988
T265	Laboratory Determination of Moisture Content of Soils	10/15/1988
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	10/15/1988
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	01/31/2024
D2850	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	01/31/2024
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	01/31/2024
D4318	Plastic Limit of Soils (Atterberg Limits)	01/31/2024

Scope of AASHTO Accreditation for:

Louisiana Department of Transportation

in Baton Rouge, Louisiana, USA

Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	10/15/1988
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	10/15/1988
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	10/15/1988
T21	Organic Impurities in Fine Aggregates for Concrete	10/15/1988
T27	Sieve Analysis of Fine and Coarse Aggregates	10/15/1988
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/15/1988
T85	Specific Gravity and Absorption of Coarse Aggregate	10/15/1988
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/15/1988
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	04/29/2014
T112	Clay Lumps and Friable Particles in Aggregate	10/15/1988
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/15/1988
T255	Total Moisture Content of Aggregate by Drying	10/15/1988
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	10/15/1988
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	10/15/1988

Scope of AASHTO Accreditation for:

Louisiana Department of Transportation

in Baton Rouge, Louisiana, USA

Iron and Steel

Standard:		Accredited Since:
M111	Zinc Coatings on Iron and Steel: Thickness of Zinc (Magnetic)	06/21/2012
M336	Deformed Steel Wire: Bend Test	01/31/2008
M336	Plain Steel Wire: Bend Test	01/31/2008
M336	Welded Deformed Steel Wire: Bend Test	01/31/2008
M336	Welded Deformed Steel Wire: Weld Shear	01/31/2008
M336	Welded Plain Steel Wire: Bend Test	01/31/2008
M336	Welded Plain Steel Wire: Weld Shear	01/31/2008
M111-T65	Zinc Coatings on Iron and Steel: Thickness of Zinc (Stripping)	01/31/2008
M31-T244	Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	12/03/2018
M31-T244	Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	07/25/2016
M31-T244	Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	12/03/2018
M31-T285	Carbon-Steel Bars, Deformed and Plain: Bend Test	01/31/2008
M203-T244	Steel Strand, Uncoated Seven-Wire: Tension (Elongation)	12/03/2018
M203-T244	Steel Strand, Uncoated Seven-Wire: Tension (Ultimate Tensile Strength)	07/25/2016
M203-T244	Steel Strand, Uncoated Seven-Wire: Tension (Yield Strength)	07/25/2016
M336-T244	Deformed Steel Wire: Tension (Ultimate Tensile Strength)	07/25/2016
M336-T244	Deformed Steel Wire: Tension (Yield Strength)	07/25/2016
M336-T244	Plain Steel Wire: Tension (Reduction of Area)	08/16/2021
M336-T244	Plain Steel Wire: Tension (Ultimate Tensile Strength)	07/25/2016
M336-T244	Plain Steel Wire: Tension (Yield Strength)	07/25/2016
M336-T244	Welded Deformed Steel Wire: Tension (Ultimate Tensile Strength)	07/25/2016
M336-T244	Welded Deformed Steel Wire: Tension (Yield Strength)	07/25/2016
M336-T244	Welded Plain Steel Wire: Tension (Reduction of Area)	08/16/2021

Iron and Steel (Continued)

Standard:		Accredited Since:
M336-T244	Welded Plain Steel Wire: Tension (Ultimate Tensile Strength)	07/25/2016
M336-T244	Welded Plain Steel Wire: Tension (Yield Strength)	07/25/2016
T244	Externally Threaded Fasteners (Bolts): Proof Load Determination	06/21/2012
T244	Externally Threaded Fasteners (Bolts): Ultimate Tensile Strength	01/31/2008
A615	Carbon-Steel Bars, Deformed and Plain: Unit Weight	01/31/2024
A706	Low Alloy Steel Bars, Deformed and Plain: Unit Weight	01/31/2024
A775	Epoxy Coated Reinforcing Bars: Coating Flexibility (Bend Test)	06/21/2012
A775	Epoxy Coated Reinforcing Bars: Film Thickness	06/21/2012
A1064	Deformed Steel Wire: Bend Test	06/21/2012
A1064	Deformed Steel Wire: Unit Weight	01/31/2024
A1064	Plain Steel Wire: Bend Test	06/21/2012
A1064	Welded Deformed Steel Wire: Bend Test	06/21/2012
A1064	Welded Deformed Steel Wire: Unit Weight	01/31/2024
A1064	Welded Deformed Steel Wire: Weld Shear	06/21/2012
A1064	Welded Plain Steel Wire: Bend Test	06/21/2012
A1064	Welded Plain Steel Wire: Weld Shear	06/21/2012
A123-A90	Zinc Coatings on Iron and Steel: Thickness of Zinc (Stripping)	06/21/2012
A563-E18	Internally Threaded Fasteners (Nuts): Rockwell Hardness	12/03/2018
A775-G62	Epoxy Coated Reinforcing Bars: Coating Continuity (Holidays)	06/21/2012
A123-E376	Zinc Coatings on Iron and Steel: Thickness of Zinc (Magnetic)	06/21/2012
A563-F606	Internally Threaded Fasteners (Nuts): Proof Load Determination	12/03/2018
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	12/03/2018
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	07/25/2016

Iron and Steel (Continued)

Standard:		Accredited Since:
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	12/03/2018
A615-E290	Carbon-Steel Bars, Deformed and Plain: Bend Test	01/31/2008
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Elongation)	01/31/2024
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	01/31/2024
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Yield Strength)	01/31/2024
A1064-A370	Deformed Steel Wire: Tension (Ultimate Tensile Strength)	07/25/2016
A1064-A370	Deformed Steel Wire: Tension (Yield Strength)	07/25/2016
A1064-A370	Plain Steel Wire: Tension (Reduction of Area)	08/16/2021
A1064-A370	Plain Steel Wire: Tension (Ultimate Tensile Strength)	07/25/2016
A1064-A370	Plain Steel Wire: Tension (Yield Strength)	07/25/2016
A1064-A370	Welded Deformed Steel Wire: Tension (Ultimate Tensile Strength)	07/25/2016
A1064-A370	Welded Deformed Steel Wire: Tension (Yield Strength)	07/25/2016
A1064-A370	Welded Plain Steel Wire: Tension (Reduction of Area)	08/16/2021
A1064-A370	Welded Plain Steel Wire: Tension (Ultimate Tensile Strength)	07/25/2016
A1064-A370	Welded Plain Steel Wire: Tension (Yield Strength)	07/25/2016
A416-A1061	Steel Strand, Uncoated Seven-Wire: Tension (Elongation)	12/03/2018
A416-A1061	Steel Strand, Uncoated Seven-Wire: Tension (Ultimate Tensile Strength)	07/25/2016
A416-A1061	Steel Strand, Uncoated Seven-Wire: Tension (Yield Strength)	07/25/2016
F436-E18	Hardened Steel Washers: Rockwell Hardness	12/03/2018
F3125-E18	Externally Threaded Fasteners (Bolts): Rockwell Hardness	01/31/2008
F1554-A370	Anchor Bolts: Tension (Elongation)	12/03/2018
F1554-A370	Anchor Bolts: Tension (Ultimate Tensile Strength of bar stock)	12/03/2018
F1554-A370	Anchor Bolts: Tension (Yield Strength)	12/03/2018

Iron and Steel (Continued)

Standard:	Accredited Since:
F3125-F606 Externally Threaded Fasteners (Bolts): Proof Load Determination	06/21/2012
F3125-F606 Externally Threaded Fasteners (Bolts): Ultimate Tensile Strength	06/21/2012

Scope of AASHTO Accreditation for:

Louisiana Department of Transportation

in Baton Rouge, Louisiana, USA

Cementitious Material - Chemical Tests

Standard:	Accredited Since:
T105 Ferric Oxide – X-Ray Fluorescence	05/01/1997
T105 Magnesium Oxide – X-Ray Fluorescence	05/01/1997
T105 Manganic Oxide – X-Ray Fluorescence	05/01/1997
T105 Phosphorus Pentoxide – X-Ray Fluorescence	05/01/1997
T105 Sodium Oxide – X-Ray Fluorescence	05/01/1997
T105 Titanium Dioxide – X-Ray Fluorescence	05/01/1997
T105 Zinc Oxide – X-Ray Fluorescence	12/12/2023
C114 Ferric Oxide – X-Ray Fluorescence	05/01/1997
C114 Magnesium Oxide – X-Ray Fluorescence	05/01/1997
C114 Manganic Oxide – X-Ray Fluorescence	05/01/1997
C114 Phosphorus Pentoxide – X-Ray Fluorescence	05/01/1997
C114 Sodium Oxide – X-Ray Fluorescence	05/01/1997
C114 Titanium Dioxide – X-Ray Fluorescence	05/01/1997
C114 Zinc Oxide – X-Ray Fluorescence	12/12/2023

Scope of AASHTO Accreditation for:

Louisiana Department of Transportation

in Baton Rouge, Louisiana, USA

Cement - Physical Tests

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/22/2012
R71	Sampling and the Amount of Testing of Hydraulic Cement	11/16/2017
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	05/01/1997
T105 (Loss on Ignition - Reference)	Loss on Ignition – Reference	11/16/2017
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	05/01/1997
T129	Normal Consistency of Hydraulic Cement	05/01/1997
T131	Time of Setting of Hydraulic Cement by Vicat Needle	05/01/1997
T133	Density of Hydraulic Cement	09/01/2023
T137	Air Content of Hydraulic Cement Mortar	05/01/1997
T153	Fineness of Hydraulic Cement by Air Permeability Apparatus	05/01/1997
T186	Early Stiffening of Hydraulic Cement (Paste Method)	05/01/1997
T192	Fineness of Hydraulic Cement by the 45-µm (No. 325) Sieve	05/01/1997
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	05/01/1997
C114 (Loss on Ignition - Reference)	Loss on Ignition – Reference	11/16/2017
C183	Sampling and the Amount of Testing of Hydraulic Cement	11/16/2017
C185	Air Content of Hydraulic Cement Mortar	05/01/1997
C187	Normal Consistency of Hydraulic Cement	05/01/1997
C188	Density of Hydraulic Cement	09/01/2023
C191	Time of Setting of Hydraulic Cement by Vicat Needle	05/01/1997
C204	Fineness of Hydraulic Cement by Air Permeability Apparatus	05/01/1997
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	05/01/1997
C430	Fineness of Hydraulic Cement by the 45-µm (No. 325) Sieve	05/01/1997
C451	Early Stiffening of Hydraulic Cement (Paste Method)	05/01/1997

Cement - Physical Tests (Continued)

Standard:		Accredited Since:
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/22/2012
C1437	Flow of Hydraulic Cement Mortar	05/01/1997

Scope of AASHTO Accreditation for:

Louisiana Department of Transportation

in Baton Rouge, Louisiana, USA

Concrete

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/22/2012
R60	Sampling Freshly Mixed Concrete	10/15/1989
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	10/15/1989
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	09/01/2023
T22	Compressive Strength of Cylindrical Concrete Specimens	10/15/1989
T119	Slump of Hydraulic Cement Concrete	10/15/1989
T121	Density (Unit Weight), Yield, and Air Content of Concrete	10/15/1989
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	10/22/2012
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	10/15/1989
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	09/01/2023
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	02/04/2020
T309	Temperature of Freshly Mixed Portland Cement Concrete	10/22/2012
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	10/15/1989
C39	Compressive Strength of Cylindrical Concrete Specimens	10/15/1989
C138	Density (Unit Weight), Yield, and Air Content of Concrete	10/15/1989
C143	Slump of Hydraulic Cement Concrete	10/15/1989
C172	Sampling Freshly Mixed Concrete	10/15/1989
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	10/15/1989
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	10/15/1989
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	09/01/2023
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/22/2012
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	09/01/2023
C1064	Temperature of Freshly Mixed Portland Cement Concrete	10/15/1989

Scope of AASHTO Accreditation for:

Louisiana Department of Transportation

in Baton Rouge, Louisiana, USA

Concrete (Continued)

Standard:		Accredited Since:
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	10/22/2012
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	02/04/2020

Scope of AASHTO Accreditation for:

Louisiana Department of Transportation

in Baton Rouge, Louisiana, USA

Pozzolan

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/17/2015
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	04/17/2015
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	04/17/2015
T129	Normal Consistency of Hydraulic Cement	04/17/2015
T133	Density of Hydraulic Cement	04/17/2015
T192	Fineness of Hydraulic Cement by the 45-µm (No. 325) Sieve	04/17/2015
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	04/17/2015
C187	Normal Consistency of Hydraulic Cement	04/17/2015
C188	Density of Hydraulic Cement	04/17/2015
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	04/17/2015
C311 (Loss on Ignition)	Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete (Loss on Ignition)	09/01/2023
C430	Fineness of Hydraulic Cement by the 45-µm (No. 325) Sieve	04/17/2015
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/17/2015
C1437	Flow of Hydraulic Cement Mortar	04/17/2015

Scope of AASHTO Accreditation for:

Louisiana Department of Transportation

in Baton Rouge, Louisiana, USA

Slag Cement

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/17/2015
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	04/17/2015
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	04/17/2015
T133	Density of Hydraulic Cement	02/04/2020
T137	Air Content of Hydraulic Cement Mortar	02/04/2020
T153	Fineness of Hydraulic Cement by Air Permeability Apparatus	11/16/2017
T192	Fineness of Hydraulic Cement by the 45-µm (No. 325) Sieve	04/17/2015
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	04/17/2015
C185	Air Content of Hydraulic Cement Mortar	02/04/2020
C188	Density of Hydraulic Cement	02/04/2020
C204	Fineness of Hydraulic Cement by Air Permeability Apparatus	11/16/2017
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	04/17/2015
C430	Fineness of Hydraulic Cement by the 45-µm (No. 325) Sieve	04/17/2015
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/17/2015
C1038	Expansion of Hydraulic Cement Mortar Bars Stored in Water	09/01/2023
C1437	Flow of Hydraulic Cement Mortar	04/17/2015