



CERTIFICATE OF ACCREDITATION



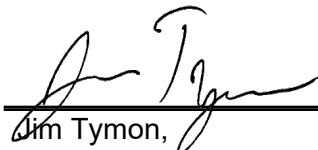
Louisiana Transportation Research Center Foundation, Inc.

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

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SCOPE OF AASHTO ACCREDITATION FOR:

Louisiana Transportation Research Center Foundation, Inc.

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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	10/15/2000
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	06/20/2013



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Asphalt Binder

Standard:

Accredited Since:

R28 Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	10/15/2000
R29 Grading or Verifying the Performance Grade of an Asphalt Binder	10/15/2000
T48 Flash Point by Cleveland Open Cup	10/15/2000
T49 Penetration of Original Sample of Asphalt Cement	10/15/2000
T51 Ductility of Bituminous Materials	10/15/2000
T53 Softening Point of Bitumen (Ring-and-Ball Apparatus)	10/15/2000
T202 Viscosity by Vacuum Capillary	10/15/2000
T240 Rolling Thin-Film Oven Testing	10/15/2000
T300 Force Ductility Test of Bituminous Materials	10/15/2000
T301 Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	10/15/2000
T313 Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	10/15/2000
T315 Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	10/15/2000
T316 Viscosity Determination of Asphalt Binder Using Rotational Viscometer	10/15/2000
T350 Multiple Stress Creep and Recovery (MSCR)	04/22/2016



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Asphalt Mixture

Standard:

Accredited Since:

R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	05/02/2025
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	10/15/2000
R59	Recovery of Asphalt from Solution by Abson Method	10/15/2000
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	10/15/2000
T30	Mechanical Analysis of Extracted Aggregate	10/15/2000
T164	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	10/15/2000
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	10/15/2000
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	10/15/2000
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	10/15/2000
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/15/2000
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	10/15/2000
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	10/15/2000
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	06/15/2012
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	10/15/2000
T331	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	10/15/2000
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	06/30/2022



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Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	06/15/2001
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	06/15/2001
T27	Sieve Analysis of Fine and Coarse Aggregates	06/15/2001
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	06/15/2001
T85	Specific Gravity and Absorption of Coarse Aggregate	06/15/2001
T255	Total Moisture Content of Aggregate by Drying	06/15/2001
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	06/15/2001
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	04/22/2016
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	06/15/2001



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Concrete

Standard:

Accredited Since:

C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	04/14/2023
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/14/2023
C39	Compressive Strength of Cylindrical Concrete Specimens	09/27/2007
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/14/2023
C138	Density (Unit Weight), Yield, and Air Content of Concrete	09/27/2007
C143	Slump of Hydraulic Cement Concrete	09/27/2007
C172	Sampling Freshly Mixed Concrete	09/27/2007
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	01/24/2020
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	09/27/2007
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	07/26/2013
C1064	Temperature of Freshly Mixed Portland Cement Concrete	09/27/2007
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	02/06/2015