



CERTIFICATE OF ACCREDITATION



Sor Testing Laboratories, Inc.

in

Cedar Grove, New Jersey, 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 10/27/2026 at 3:05 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Sor Testing Laboratories, Inc.

in Cedar Grove, New Jersey, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	08/15/1993
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	02/07/2014
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	02/07/2014
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	03/30/2026
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	02/21/2024
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	02/07/2014
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	07/30/2013
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/07/2014
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/07/2014
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/07/2014
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/30/2026
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/30/2013
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/21/2014



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Asphalt Mixture

Standard:

Accredited Since:

T30	Mechanical Analysis of Extracted Aggregate	03/10/2011
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	05/01/2018
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	03/10/2011
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	03/10/2011
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	03/10/2011
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	08/15/1993
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	05/01/2018
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	08/15/1993
D5444	Mechanical Analysis of Extracted Aggregate	08/15/1993
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	08/15/1993



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/10/2011
T88	Particle Size Analysis of Soils by Hydrometer	03/10/2011
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	03/10/2011
T90	Plastic Limit of Soils (Atterberg Limits)	03/10/2011
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	11/10/2003
T100	Specific Gravity of Soils	03/10/2011
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	11/10/2003
T193	The California Bearing Ratio	03/10/2011
T265	Laboratory Determination of Moisture Content of Soils	03/10/2011
T267	Determination of Organic Content in Soils by Loss on Ignition	03/10/2011
T289	pH of Soils for Corrosion Testing	10/05/2015
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	03/10/2011
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	11/10/2003
D422	Particle Size Analysis of Soils by Hydrometer	11/10/2003
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	11/10/2003
D854	Specific Gravity of Soils	11/10/2003
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	11/10/2003
D1883	The California Bearing Ratio	11/10/2003
D2216	Laboratory Determination of Moisture Content of Soils	11/10/2003
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	11/10/2003
D2488	Description and Identification of Soils (Visual-Manual Procedure)	11/10/2003
D2974	Determination of Organic Content in Soils by Loss on Ignition	03/10/2011
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	11/10/2003



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Soil (Continued)

Standard:

Accredited Since:

D4318 Plastic Limit of Soils (Atterberg Limits)	11/10/2003
D4972 pH Testing of Soils	03/10/2011
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	11/10/2003



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Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	11/01/2001
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	11/01/2001
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	03/10/2011
T21	Organic Impurities in Fine Aggregates for Concrete	11/01/2001
T27	Sieve Analysis of Fine and Coarse Aggregates	11/01/2001
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	11/01/2001
T85	Specific Gravity and Absorption of Coarse Aggregate	11/01/2001
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	03/10/2011
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	10/05/2015
T255	Total Moisture Content of Aggregate by Drying	11/01/2001
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	11/01/2001
C40	Organic Impurities in Fine Aggregates for Concrete	11/01/2001
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	11/01/2001
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	11/01/2001
C127	Specific Gravity and Absorption of Coarse Aggregate	11/01/2001
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	11/01/2001
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	11/01/2001
C136	Sieve Analysis of Fine and Coarse Aggregates	11/01/2001
C295	Petrographic Examination of Aggregates for Concrete	11/20/2025
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/07/2014
C566	Total Moisture Content of Aggregate by Drying	11/01/2001
C702	Reducing Samples of Aggregate to Testing Size	11/01/2001
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	03/10/2011



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Sprayed Fire-Resistive Material

Standard:

Accredited Since:

E605 Thickness and Density of Sprayed Fire-Resistive Material(SFRM) Applied to Structural Members

03/10/2011

E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members

03/10/2011



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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	02/07/2014
R39	Making and Curing Concrete Test Specimens in the Laboratory	11/01/2001
R60	Sampling Freshly Mixed Concrete	11/01/2001
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	05/25/2022
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	05/25/2022
T22	Compressive Strength of Cylindrical Concrete Specimens	11/01/2001
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	02/07/2014
T119	Slump of Hydraulic Cement Concrete	11/01/2001
T121	Density (Unit Weight), Yield, and Air Content of Concrete	11/01/2001
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	11/01/2001
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	11/01/2001
T231 (8000 psi and below)	Capping Cylindrical Concrete Specimens	05/25/2022
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	02/07/2014
T309	Temperature of Freshly Mixed Portland Cement Concrete	11/01/2001
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	05/25/2022
C39	Compressive Strength of Cylindrical Concrete Specimens	11/01/2001
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	08/02/2011
C138	Density (Unit Weight), Yield, and Air Content of Concrete	11/01/2001
C143	Slump of Hydraulic Cement Concrete	11/01/2001
C172	Sampling Freshly Mixed Concrete	11/01/2001
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	11/01/2001
C192	Making and Curing Concrete Test Specimens in the Laboratory	11/01/2001
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	11/01/2001



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Concrete (Continued)

Standard:		Accredited Since:
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	05/25/2022
C457	Microscopical Determination of Parameters of the Air-Void System in Hardened Concrete	11/01/2001
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	02/07/2014
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	05/25/2022
C856	Petrographic Examination of Hardened Concrete	11/20/2025
C1064	Temperature of Freshly Mixed Portland Cement Concrete	11/01/2001
C1218	Water-Soluble Chloride in Mortar and Concrete	08/02/2011
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	08/02/2011
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	08/05/2011
C1542	Measuring Length of Concrete Cores	12/21/2016
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	05/25/2022



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Masonry

Standard:

Accredited Since:

C140 (Full-Size Concrete Masonry Units) Sampling and Testing Concrete Masonry Units and Related Units

11/20/2025

C1552 Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing

08/02/2011