AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

Atlantic Testing Laboratories, Limited

in

Clifton Park, New York, 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:

Atlantic Testing Laboratories, Limited

in Clifton Park, New York, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/15/2001
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	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	01/10/2011
E329 (Aggregate)	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	03/05/2019
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/02/2015

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/15/2001
T88	Particle Size Analysis of Soils by Hydrometer	04/15/2001
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	04/15/2001
T90	Plastic Limit of Soils (Atterberg Limits)	04/15/2001
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/15/2001
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/15/2001
T265	Laboratory Determination of Moisture Content of Soils	04/15/2001
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/15/2001
D422	Particle Size Analysis of Soils by Hydrometer	04/15/2001
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/15/2001
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	04/15/2001
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/15/2001
D2216	Laboratory Determination of Moisture Content of Soils	04/15/2001
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	04/15/2001
D2488	Description and Identification of Soils (Visual-Manual Procedure)	04/15/2001
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	04/15/2001
D4318	Plastic Limit of Soils (Atterberg Limits)	10/02/2015
D5084	Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	04/23/2020
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/15/2001

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	01/04/2019
R90	Sampling Aggregate	02/28/2013
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	01/04/2019
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	04/15/2001
T21	Organic Impurities in Fine Aggregates for Concrete	01/04/2019
T27	Sieve Analysis of Fine and Coarse Aggregates	01/04/2019
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/04/2019
T85	Specific Gravity and Absorption of Coarse Aggregate	01/04/2019
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/16/2016
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	02/16/2016
T112	Clay Lumps and Friable Particles in Aggregate	04/15/2001
T113	Lightweight Pieces in Aggregate	04/15/2001
T255	Total Moisture Content of Aggregate by Drying	01/04/2019
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	04/15/2001
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	04/15/2001
C40	Organic Impurities in Fine Aggregates for Concrete	04/15/2001
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	04/15/2001
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	04/15/2001
C123	Lightweight Pieces in Aggregate	04/15/2001
C127	Specific Gravity and Absorption of Coarse Aggregate	04/15/2001
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/15/2001
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/15/2001
C136	Sieve Analysis of Fine and Coarse Aggregates	04/15/2001

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Aggregate (Continued)

Standard:		Accredited Since:
C142	Clay Lumps and Friable Particles in Aggregate	04/15/2001
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/15/2001
C566	Total Moisture Content of Aggregate by Drying	04/15/2001
C702	Reducing Samples of Aggregate to Testing Size	04/15/2001
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	04/15/2001
D75	Sampling Aggregate	02/28/2013
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	04/15/2001
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	04/15/2001

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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	02/15/2011
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	02/17/2011

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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	01/04/2019
R39	Making and Curing Concrete Test Specimens in the Laboratory	01/04/2019
R60	Sampling Freshly Mixed Concrete	01/04/2019
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	07/20/2022
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	07/20/2022
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	07/20/2022
T22	Compressive Strength of Cylindrical Concrete Specimens	01/04/2019
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	07/20/2022
T119	Slump of Hydraulic Cement Concrete	01/04/2019
T121	Density (Unit Weight), Yield, and Air Content of Concrete	03/05/2019
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	01/04/2019
T161	Resistance of Concrete to Rapid Freezing and Thawing	02/17/2021
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	01/04/2019
T231 (9000 psi and below)	Capping Cylindrical Concrete Specimens	07/20/2022
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	11/24/2020
T309	Temperature of Freshly Mixed Portland Cement Concrete	01/04/2019
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	07/20/2022
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	07/20/2022
C39	Compressive Strength of Cylindrical Concrete Specimens	03/16/2006
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	07/20/2022
C138	Density (Unit Weight), Yield, and Air Content of Concrete	03/16/2006
C143	Slump of Hydraulic Cement Concrete	03/16/2006
C172	Sampling Freshly Mixed Concrete	03/16/2006

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Concrete (Continued)

Standard:		Accredited Since:
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	03/16/2006
C192	Making and Curing Concrete Test Specimens in the Laboratory	11/16/2016
C215	Fundamental Transverse, Longitudinal and Torsional Frequencies of Concrete Specimens	02/17/2021
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	03/16/2006
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	07/20/2022
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	02/07/2014
C617 (9000 psi and below)	Capping Cylindrical Concrete Specimens	07/20/2022
C666	Resistance of Concrete to Rapid Freezing and Thawing	02/17/2021
C1064	Temperature of Freshly Mixed Portland Cement Concrete	03/16/2006
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	08/30/2011
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	11/24/2020

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Masonry

Standard:		Accredited Since:
C140 (Reduced-Size Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	09/23/2025
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/20/2014
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	11/16/2016
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	07/20/2022
C1019	Sampling and Testing Grout	08/30/2011
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	03/16/2006