AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

Quality Control Laboratories, L.L.C.

in

Woodside, 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

Moe Jamshidi,
AASHTO COMP Chair

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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	11/01/2004
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
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	12/29/2017
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	12/29/2017
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/29/2017
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/29/2017
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011

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Asphalt Mixture

Standard:		Accredited Since:
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	01/28/2021
T30	Mechanical Analysis of Extracted Aggregate	01/28/2021
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	12/31/2015
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	12/29/2017
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	12/29/2017
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	01/28/2021
T355	Density of Bituminous Concrete In Place by Nuclear Methods	01/28/2021
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	12/29/2017
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	12/31/2015
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	06/02/2011
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	12/29/2017
D5444	Mechanical Analysis of Extracted Aggregate	01/28/2021
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	01/28/2021
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	01/28/2021

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	02/16/2009
T88	Particle Size Analysis of Soils by Hydrometer	01/28/2021
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	02/16/2009
T90	Plastic Limit of Soils (Atterberg Limits)	02/16/2009
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	02/16/2009
T100	Specific Gravity of Soils	02/16/2009
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	02/16/2009
T265	Laboratory Determination of Moisture Content of Soils	02/16/2009
T267	Determination of Organic Content in Soils by Loss on Ignition	12/29/2017
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	02/16/2009
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/02/2011
D422	Particle Size Analysis of Soils by Hydrometer	01/28/2021
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	02/16/2009
D854	Specific Gravity of Soils	02/16/2009
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	02/16/2009
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	02/16/2009
D2216	Laboratory Determination of Moisture Content of Soils	06/02/2011
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	02/16/2009
D2488	Description and Identification of Soils (Visual-Manual Procedure)	02/16/2009
D2974	Determination of Organic Content in Soils by Loss on Ignition	12/29/2017
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	06/02/2011
D4318	Plastic Limit of Soils (Atterberg Limits)	06/02/2011
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	02/16/2009

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	11/01/2004
R90	Sampling Aggregate	12/29/2017
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	11/01/2004
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	12/31/2015
T21	Organic Impurities in Fine Aggregates for Concrete	11/01/2004
T27	Sieve Analysis of Fine and Coarse Aggregates	11/01/2004
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	11/01/2004
T85	Specific Gravity and Absorption of Coarse Aggregate	11/01/2004
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	06/02/2011
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	12/29/2017
T255	Total Moisture Content of Aggregate by Drying	11/01/2004
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	06/02/2011
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	11/01/2004
C40	Organic Impurities in Fine Aggregates for Concrete	11/01/2004
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	06/02/2011
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	11/01/2004
C127	Specific Gravity and Absorption of Coarse Aggregate	11/01/2004
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	11/01/2004
C136	Sieve Analysis of Fine and Coarse Aggregates	11/01/2004
C566	Total Moisture Content of Aggregate by Drying	11/01/2004
C702	Reducing Samples of Aggregate to Testing Size	11/01/2004
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	06/02/2011
D75	Sampling Aggregate	12/29/2017

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Aggregate (Continued)

Standard:	Accredited Since:
D2419 Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	12/29/2017

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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	06/02/2011
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	06/02/2011

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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	03/26/2014
R39	Making and Curing Concrete Test Specimens in the Laboratory	03/26/2014
R60	Sampling Freshly Mixed Concrete	11/01/2004
T22	Compressive Strength of Cylindrical Concrete Specimens	11/01/2004
T23	Making and Curing Concrete Test Specimens in the Field	11/01/2004
T24	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	03/26/2014
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	03/26/2014
T119	Slump of Hydraulic Cement Concrete	11/01/2004
T121	Density (Unit Weight), Yield, and Air Content of Concrete	11/01/2004
T148	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	01/25/2019
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	11/01/2004
T161	Resistance of Concrete to Rapid Freezing and Thawing	01/25/2019
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	11/01/2004
T231 (8000 psi and below)	Capping Cylindrical Concrete Specimens	01/25/2019
T277	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	01/25/2019
T309	Temperature of Freshly Mixed Portland Cement Concrete	11/01/2004
C31	Making and Curing Concrete Test Specimens in the Field	11/01/2004
C39	Compressive Strength of Cylindrical Concrete Specimens	11/01/2004
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	11/01/2004
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	11/01/2004
C138	Density (Unit Weight), Yield, and Air Content of Concrete	11/01/2004
C143	Slump of Hydraulic Cement Concrete	11/01/2004
C172	Sampling Freshly Mixed Concrete	11/01/2004

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Concrete (Continued)

Standard:		Accredited Since:
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	11/01/2004
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	01/25/2019
C192	Making and Curing Concrete Test Specimens in the Laboratory	11/01/2004
C215	Fundamental Transverse, Longitudinal and Torsional Frequencies of Concrete Specimens	01/25/2019
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	11/01/2004
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/12/2011
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	01/25/2019
C642	Density, Absorption, and Voids in Hardened Concrete	12/01/2011
C666	Resistance of Concrete to Rapid Freezing and Thawing	01/25/2019
C805	Rebound Number of Hardened Concrete	12/01/2011
C1064	Temperature of Freshly Mixed Portland Cement Concrete	11/01/2004
C1202	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	01/25/2019
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	09/12/2011
C1542	Measuring Length of Concrete Cores	11/21/2016
C1583	Tensile Strength of Concrete Surfaces and the Bond Strength or Tensile Strength of Concrete Repair and Overlay Materials by Direct Tension (Pull-off Method)	12/08/2016

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Masonry

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/21/2016
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	11/21/2016
T137	Air Content of Hydraulic Cement Mortar	11/21/2016
T162	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	11/21/2016
C67	Brick: Absorption	10/13/2016
C67	Brick: Capping	10/13/2016
C67	Brick: Compressive Strength	10/13/2016
C67	Brick: Initial Rate of Absorption	10/13/2016
C67	Brick: Measurement	10/13/2016
C67	Brick: Specimen Preparation	10/13/2016
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	03/26/2014
C140 (Concrete Interlocking Paving Units)	Sampling and Testing Concrete Masonry Units and Related Units	01/25/2019
C140 (Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	07/17/2009
C140 (Segmental Retaining Wall Units)	Sampling and Testing Concrete Masonry Units and Related Units	01/25/2019
C185	Air Content of Hydraulic Cement Mortar	07/17/2009
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	07/17/2009
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	03/26/2014
C1019	Sampling and Testing Grout	03/26/2014
C1437	Flow of Hydraulic Cement Mortar	07/17/2009
C1506	Water Retention of Hydraulic Cement-Based Mortars and Plasters	07/17/2009
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	07/17/2009

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