



CERTIFICATE OF ACCREDITATION



Quality Control Laboratories, LLC

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).

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 'Moe Jamshidi', written over a horizontal line.

Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 03/04/2019 at 1:10 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:
 Quality Control Laboratories, LLC
 in Woodside, New York, USA

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
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	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
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/29/2017
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/02/2011



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Asphalt Mixture

Standard:

Accredited Since:

T164	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	06/02/2011
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
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



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	02/16/2009
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
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- μ m) 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
T96 Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	12/31/2015
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
C131 Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	11/01/2004
C136 Sieve Analysis of Fine and Coarse Aggregates	11/01/2004
C535 Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	11/01/2004
C566 Total Moisture Content of Aggregate by Drying	11/01/2004



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Aggregate (Continued)

Standard:

Accredited Since:

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
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 Materials Applied 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	Suspended
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