AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C.

in

Astoria, 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

This certificate was generated on 01/02/2020 at 9:18 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

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	11/30/2010
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	02/17/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	09/09/2011
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	12/10/2012
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	12/10/2012
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	02/17/2011
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/17/2011
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/10/2012
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/09/2011
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/17/2011
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/10/2012

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Asphalt Mixture

Standard:	Accredited Since:
D979 Sampling Bituminous Paving Mixtures	11/22/2017
D5444 Mechanical Analysis of Extracted Aggregate	09/15/2011
D6307 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	12/10/2012

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Soil

Standard:	Accredited Since:
T311 Grain-Size Analysis of Granular Soil Materials	12/10/2012
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	02/17/2011
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	02/17/2011
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	02/17/2011
D2216 Laboratory Determination of Moisture Content of Soils	02/17/2011
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	02/17/2011
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	08/07/2015
D4318 Plastic Limit of Soils (Atterberg Limits)	08/07/2015
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	12/10/2012
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	02/17/2011

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Aggregate

Standard:	Accredited Since:
C40 Organic Impurities in Fine Aggregates for Concrete	02/17/2011
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	02/17/2011
C127 Specific Gravity and Absorption of Coarse Aggregate	02/17/2011
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	02/17/2011
C136 Sieve Analysis of Fine and Coarse Aggregates	02/17/2011
C566 Total Moisture Content of Aggregate by Drying	12/10/2012
C702 Reducing Samples of Aggregate to Testing Size	02/17/2011
D75 Sampling Aggregate	12/10/2012

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

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Concrete

Standard:		Accredited Since:
C31	Making and Curing Concrete Test Specimens in the Field	11/30/2010
C39	Compressive Strength of Cylindrical Concrete Specimens	11/30/2010
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	11/30/2010
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	11/30/2010
C138	Density (Unit Weight), Yield, and Air Content of Concrete	11/30/2010
C143	Slump of Hydraulic Cement Concrete	11/30/2010
C172	Sampling Freshly Mixed Concrete	11/30/2010
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	11/30/2010
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	11/30/2010
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	11/30/2010
C496	Splitting Tensile Strength of Cylindrical Concrete Specimens	11/30/2010
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	02/26/2014
C617 (9000 psi and below)	Capping Cylindrical Concrete Specimens	01/10/2019
C1064	Temperature of Freshly Mixed Portland Cement Concrete	11/30/2010
C1202	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	02/26/2014
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	01/10/2019

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Masonry

Standard:		Accredited Since:
C67	Brick: Absorption	02/26/2014
C67	Brick: Capping	09/09/2011
C67	Brick: Compressive Strength	09/09/2011
C67	Brick: Measurement	09/09/2011
C67	Brick: Specimen Preparation	09/09/2011
C140 (Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	09/09/2011
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/13/2016
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	01/10/2019
C780 (Annex 6)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength	09/09/2011
C1019	Sampling and Testing Grout	09/09/2011
C1314	Compressive Strength of Masonry Prisms	09/09/2011
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	09/09/2011