AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Amaracon Testing & Inspections, LLC

in

Hicksville, 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:

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Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	08/17/2016
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	08/17/2016
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	08/25/2016
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	01/24/2022
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	05/18/2017
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	05/01/2017
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	08/17/2016
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/17/2016
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/01/2017
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/25/2016
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/24/2022
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/17/2016
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/01/2018

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Asphalt Mixture

Standard:		Accredited Since:
D979	Sampling Bituminous Paving Mixtures	11/23/2016
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	11/23/2016
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	11/23/2016
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	11/23/2016
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	04/02/2026
D5444	Mechanical Analysis of Extracted Aggregate	07/06/2023
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	07/06/2023

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Soil

Standard:		Accredited Since:
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	07/06/2023
D422	Particle Size Analysis of Soils by Hydrometer	07/06/2023
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	08/17/2016
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	08/17/2016
D1556	Density of Soil In-Place by the Sand Cone Method	11/23/2016
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	08/17/2016
D1632 (Cylinders)	Making and Curing Soil-Cement Compression and Flexure Test Specimens in the Laboratory	10/11/2024
D1633	Compressive Strength of Molded Soil-Cement Cylinders	10/11/2024
D2216	Laboratory Determination of Moisture Content of Soils	08/17/2016
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	08/17/2016
D2488	Description and Identification of Soils (Visual-Manual Procedure)	08/17/2016
D2974	Determination of Organic Content in Soils by Loss on Ignition	07/06/2023
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	11/23/2016
D4318	Plastic Limit of Soils (Atterberg Limits)	11/23/2016
D4718	Oversize Particle Correction	11/23/2016
D4972	pH Testing of Soils	07/06/2023
D6913	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	08/17/2016
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	11/01/2016

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Aggregate

Standard:	Accredited Since:
C29 Bulk Density (“Unit Weight”) and Voids in Aggregate	08/17/2016
C40 Organic Impurities in Fine Aggregates for Concrete	08/17/2016
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	08/17/2016
C127 Specific Gravity and Absorption of Coarse Aggregate	08/17/2016
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	08/17/2016
C136 Sieve Analysis of Fine and Coarse Aggregates	08/17/2016
C566 Total Moisture Content of Aggregate by Drying	08/17/2016
C702 Reducing Samples of Aggregate to Testing Size	08/17/2016
D75 Sampling Aggregate	08/17/2016

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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	08/17/2016
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	08/17/2016

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Concrete

Standard:		Accredited Since:
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	10/24/2016
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	10/24/2016
C39	Compressive Strength of Cylindrical Concrete Specimens	08/25/2016
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	10/24/2016
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	10/24/2016
C138	Density (Unit Weight), Yield, and Air Content of Concrete	08/25/2016
C143	Slump of Hydraulic Cement Concrete	08/25/2016
C172	Sampling Freshly Mixed Concrete	08/25/2016
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	08/25/2016
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	08/25/2016
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/25/2016
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	02/04/2019
C803	Penetration Resistance of Hardened Concrete	10/24/2016
C1064	Temperature of Freshly Mixed Portland Cement Concrete	08/25/2016
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	01/24/2022
C1542	Measuring Length of Concrete Cores	10/24/2016

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Masonry

Standard:		Accredited Since:
C67	Brick: Absorption	01/24/2022
C67	Brick: Capping	01/24/2022
C67	Brick: Compressive Strength	01/24/2022
C67	Brick: Initial Rate of Absorption	01/24/2022
C67	Brick: Measurement	01/24/2022
C67	Brick: Specimen Preparation	01/24/2022
C140 (Full-Size Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	06/30/2025
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/24/2016
C1019	Sampling and Testing Grout	03/14/2019
C1314 (Prisms Constructed of Full-Size Concrete Masonry Units)	Compressive Strength of Masonry Prisms	06/30/2025
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	01/24/2022

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