



CERTIFICATE OF ACCREDITATION



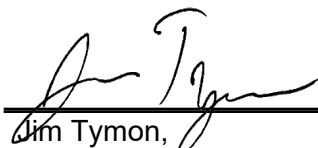
Hudson Valley Engineering Associates, PC dba HVEA Engineers

in

Chestnut Ridge, 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

This certificate was generated on 10/27/2026 at 2:40 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Hudson Valley Engineering Associates, PC dba HVEA Engineers
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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	12/20/2012
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	Suspended
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	03/11/2013
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/04/2014
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/04/2014
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	03/03/2015
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/04/2014
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/04/2014
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/29/2013
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/03/2015
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/30/2018



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Asphalt Mixture

Standard:

Accredited Since:

R97	Sampling Bituminous Paving Mixtures	02/25/2021
T30	Mechanical Analysis of Extracted Aggregate	01/22/2026
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	03/10/2021
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	01/22/2026
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	01/22/2026
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	01/22/2026
T355	Density of Bituminous Concrete In Place by Nuclear Methods	02/25/2021
D979	Sampling Bituminous Paving Mixtures	04/30/2018
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	09/12/2025
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	04/30/2018
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	12/20/2012
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	09/12/2025
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	02/25/2021
D5444	Mechanical Analysis of Extracted Aggregate	09/12/2025
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	09/12/2025



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/20/2012
T88	Particle Size Analysis of Soils by Hydrometer	09/16/2020
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	12/20/2012
T90	Plastic Limit of Soils (Atterberg Limits)	12/20/2012
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/20/2012
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/20/2012
T191	Density of Soil In-Place by the Sand Cone Method	12/20/2012
T265	Laboratory Determination of Moisture Content of Soils	12/20/2012
T267	Determination of Organic Content in Soils by Loss on Ignition	11/30/2015
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	12/20/2012
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/20/2012
D422	Particle Size Analysis of Soils by Hydrometer	09/16/2020
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/20/2012
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	12/17/2015
D1556	Density of Soil In-Place by the Sand Cone Method	12/20/2012
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/20/2012
D2216	Laboratory Determination of Moisture Content of Soils	12/20/2012
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	12/20/2012
D2488	Description and Identification of Soils (Visual-Manual Procedure)	12/20/2012
D2974	Determination of Organic Content in Soils by Loss on Ignition	11/30/2015
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	12/20/2012
D4318	Plastic Limit of Soils (Atterberg Limits)	12/20/2012
D4972	pH Testing of Soils	12/20/2012



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Soil (Continued)

Standard:

Accredited Since:

D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	12/20/2012
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	12/05/2023
G187 Soil Resistivity Using the Two-Electrode Soil Box	10/18/2019



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Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	12/20/2012
R90	Sampling Aggregate	12/20/2012
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	12/20/2012
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	11/26/2014
T21	Organic Impurities in Fine Aggregates for Concrete	12/20/2012
T27	Sieve Analysis of Fine and Coarse Aggregates	12/20/2012
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	Suspended
T85	Specific Gravity and Absorption of Coarse Aggregate	01/21/2021
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	11/26/2014
T112	Clay Lumps and Friable Particles in Aggregate	11/26/2014
T255	Total Moisture Content of Aggregate by Drying	12/20/2012
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	11/26/2014
C40	Organic Impurities in Fine Aggregates for Concrete	12/20/2012
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	11/26/2014
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	12/20/2012
C127	Specific Gravity and Absorption of Coarse Aggregate	01/21/2021
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	Suspended
C136	Sieve Analysis of Fine and Coarse Aggregates	12/20/2012
C142	Clay Lumps and Friable Particles in Aggregate	11/26/2014
C566	Total Moisture Content of Aggregate by Drying	12/20/2012
C702	Reducing Samples of Aggregate to Testing Size	12/20/2012
D75	Sampling Aggregate	12/20/2012
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	12/17/2015



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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

04/30/2018

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

04/30/2018



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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	03/11/2013
R39	Making and Curing Concrete Test Specimens in the Laboratory	11/26/2014
R60	Sampling Freshly Mixed Concrete	03/11/2013
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	03/11/2013
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	03/11/2013
T22	Compressive Strength of Cylindrical Concrete Specimens	03/11/2013
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	11/26/2014
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	03/11/2013
T119	Slump of Hydraulic Cement Concrete	03/11/2013
T121	Density (Unit Weight), Yield, and Air Content of Concrete	03/11/2013
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	03/11/2013
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	11/26/2014
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	03/11/2013
T277	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	11/26/2014
T309	Temperature of Freshly Mixed Portland Cement Concrete	03/11/2013
T347	Slump Flow of Self-Consolidating Concrete	06/23/2025
T358	Surface Resistivity Indication of Concrete's Ability to Resist Chloride Ion Penetration	11/21/2025
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	03/11/2013
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	03/11/2013
C39	Compressive Strength of Cylindrical Concrete Specimens	03/11/2013
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	11/26/2014
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	03/11/2013
C138	Density (Unit Weight), Yield, and Air Content of Concrete	03/11/2013



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Concrete (Continued)

Standard:		Accredited Since:
C143	Slump of Hydraulic Cement Concrete	03/11/2013
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	11/26/2014
C172	Sampling Freshly Mixed Concrete	03/11/2013
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	03/11/2013
C192	Making and Curing Concrete Test Specimens in the Laboratory	11/26/2014
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	03/11/2013
C495	Compressive Strength of Lightweight Insulating Concrete	07/13/2026
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	03/11/2013
C803	Penetration Resistance of Hardened Concrete	11/26/2014
C1064	Temperature of Freshly Mixed Portland Cement Concrete	03/11/2013
C1140 (Obtaining and Testing Specimens)	Preparing and Testing Specimens from Shotcrete Test Panels	11/26/2014
C1202	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	11/26/2014
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	03/11/2013
C1542	Measuring Length of Concrete Cores	11/26/2014
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)	02/12/2018
C1611	Slump Flow of Self-Consolidating Concrete	03/11/2013



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Controlled Low Strength Material (CLSM)

Standard:

Accredited Since:

D4832 Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders

11/21/2025

D5971 Sampling Freshly Mixed Controlled Low-Strength Material (CLSM)

11/21/2025



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Masonry

Standard:

Accredited Since:

C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/26/2014
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	03/25/2019
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	11/26/2014
C780 (Annex 6 - Cylinders)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cylinders	02/16/2022
C1019	Sampling and Testing Grout	03/11/2013