



CERTIFICATE OF ACCREDITATION



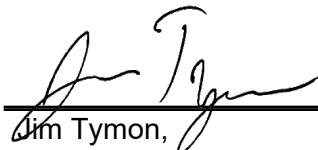
Hillis-Carnes Engineering Associates, Inc.

in

Media, Pennsylvania, 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 1:30 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Hillis-Carnes Engineering Associates, Inc.

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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/11/2018
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	10/14/2022
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	04/11/2018
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/28/2025
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/25/2026



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Soil

Standard:

Accredited Since:

T100	Specific Gravity of Soils	04/11/2018
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/11/2018
D422	Particle Size Analysis of Soils by Hydrometer	04/11/2018
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/11/2018
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	12/30/2025
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/11/2018
D2166	Unconfined Compressive Strength of Cohesive Soil	04/11/2018
D2216	Laboratory Determination of Moisture Content of Soils	04/11/2018
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	04/11/2018
D2850	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	04/11/2018
D2974	Determination of Organic Content in Soils by Loss on Ignition	03/26/2020
D3080	Direct Shear Test of Soils Under Consolidated Drained Conditions	04/11/2018
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	04/11/2018
D4318	Plastic Limit of Soils (Atterberg Limits)	04/11/2018
D4767	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	04/11/2018
D5084	Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	04/11/2018
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	12/30/2025



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Aggregate

Standard:

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C117 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing

04/11/2018

C136 Sieve Analysis of Fine and Coarse Aggregates

Suspended



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Concrete

Standard:

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C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	10/28/2025
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/24/2019
C39	Compressive Strength of Cylindrical Concrete Specimens	06/24/2019
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	10/28/2025
C138	Density (Unit Weight), Yield, and Air Content of Concrete	06/24/2019
C143	Slump of Hydraulic Cement Concrete	06/24/2019
C172	Sampling Freshly Mixed Concrete	06/24/2019
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	06/24/2019
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	06/24/2019
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/24/2019
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	10/28/2025
C1064	Temperature of Freshly Mixed Portland Cement Concrete	06/24/2019
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	06/24/2019



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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	10/28/2025
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	10/28/2025
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	10/28/2025
C1019	Sampling and Testing Grout	10/28/2025