AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Viola Engineering, PC

in

Harrisonburg, Virginia, 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:

Viola Engineering, PC

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Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	11/08/2010
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	02/06/2012
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/14/2013
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/06/2012

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/05/2018
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	02/06/2012
T90	Plastic Limit of Soils (Atterberg Limits)	02/06/2012
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	02/06/2012
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	02/06/2012
T193	The California Bearing Ratio	02/06/2012
T208	Unconfined Compressive Strength of Cohesive Soil	04/05/2018
T288	Minimum Soil Resistivity	06/04/2020
T289	pH of Soils for Corrosion Testing	06/04/2020
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	02/06/2012
D854	Specific Gravity of Soils	06/04/2020
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	02/06/2012
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	02/06/2012
D2216	Laboratory Determination of Moisture Content of Soils	02/06/2012
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	04/08/2026
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	04/08/2026
D2850	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	04/08/2026
D2974	Determination of Organic Content in Soils by Loss on Ignition	11/20/2023
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	02/06/2012
D4318	Plastic Limit of Soils (Atterberg Limits)	02/06/2012
D4767	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	04/08/2026
D5084	Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	06/04/2020
D6913	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	04/05/2018

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Soil (Continued)

Standard:	Accredited Since:
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	06/04/2020

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Rock

Standard:	Accredited Since:
D4644 Slake Durability of Shales and Weak Rocks	06/04/2020

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Concrete

Standard:		Accredited Since:
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/08/2010
C39	Compressive Strength of Cylindrical Concrete Specimens	11/08/2010
C138	Density (Unit Weight), Yield, and Air Content of Concrete	11/08/2010
C143	Slump of Hydraulic Cement Concrete	11/08/2010
C172	Sampling Freshly Mixed Concrete	11/08/2010
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	11/08/2010
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/14/2013
C1064	Temperature of Freshly Mixed Portland Cement Concrete	11/08/2010
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	11/08/2010

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