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*

This certificate was generated on 04/17/2026 at 12:31 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

# Scope of AASHTO Accreditation for:

Viola Engineering, PC

in Harrisonburg, Virginia, USA

## Quality Management System

| Standard: | | Accredited Since: |
|---|---|---|
| R18 | Establishing and Implementing a Quality System for Construction Materials Testing Laboratories | 11/08/2010 |
| C1077 (Aggregate) | Laboratories Testing Concrete and Concrete Aggregates | **Suspended** |
| 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 (Aggregate) | Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction | **Suspended** |
| 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 |

# Scope of AASHTO Accreditation for:

Viola Engineering, PC

in Harrisonburg, Virginia, USA

## 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 |

# Scope of AASHTO Accreditation for:

Viola Engineering, PC

in Harrisonburg, Virginia, USA

## Soil (Continued)

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

# Scope of AASHTO Accreditation for:

Viola Engineering, PC

in Harrisonburg, Virginia, USA

## Rock

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

# Scope of AASHTO Accreditation for:

Viola Engineering, PC

in Harrisonburg, Virginia, USA

## Aggregate

| Standard: | Accredited Since: |
|---|---|
| C40 Organic Impurities in Fine Aggregates for Concrete | 11/08/2010 |
| C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing | 11/08/2010 |
| C127 Specific Gravity and Absorption of Coarse Aggregate | 11/08/2010 |
| C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate | 11/08/2010 |
| C136 Sieve Analysis of Fine and Coarse Aggregates | **Suspended** |
| C566 Total Moisture Content of Aggregate by Drying | 11/08/2010 |
| C702 Reducing Samples of Aggregate to Testing Size | 11/08/2010 |

# Scope of AASHTO Accreditation for:

Viola Engineering, PC

in Harrisonburg, Virginia, USA

## 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 |