



**AASHTO**  
ACCREDITED

# CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION  
OF STATE HIGHWAY AND  
TRANSPORTATION OFFICIALS

**AASHTO**

## **TRI/ Environmental, Inc.** dba **Geotechnical Testing Services**

in

### **Coraopolis, 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](http://aashtoresource.org)).



Jim Tymon,  
AASHTO Executive Director



Matt Linneman,  
AASHTO COMP Chair

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**SCOPE OF AASHTO ACCREDITATION FOR:**  
TRI/ Environmental, Inc. dba Geotechnical Testing Services  
in Coraopolis, Pennsylvania, USA

## Quality Management System

**Standard:**

**Accredited Since:**

R18 Establishing and Implementing a Quality System for Construction Materials Testing Laboratories

04/11/2023



# SCOPE OF AASHTO ACCREDITATION FOR:

TRI/ Environmental, Inc. dba Geotechnical Testing Services  
in Coraopolis, Pennsylvania, USA

## Soil

### Standard:

### Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/11/2023
R74	Wet Preparation of Disturbed Soil Samples for Test	04/11/2023
T88	Particle Size Analysis of Soils by Hydrometer	04/11/2023
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	04/11/2023
T90	Plastic Limit of Soils (Atterberg Limits)	04/11/2023
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/11/2023
T100	Specific Gravity of Soils	04/11/2023
T134	Moisture-Density Relations of Soil-Cement Mixtures	04/11/2023
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/11/2023
T193	The California Bearing Ratio	04/11/2023
T208	Unconfined Compressive Strength of Cohesive Soil	04/11/2023
T215	Permeability of Granular Soils (Constant Head)	04/11/2023
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	04/11/2023
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	04/11/2023
T265	Laboratory Determination of Moisture Content of Soils	04/11/2023
T267	Determination of Organic Content in Soils by Loss on Ignition	04/11/2023
T288	Minimum Soil Resistivity	04/11/2023
T289	pH of Soils for Corrosion Testing	04/11/2023
T290 (Method B)	Determining Water-Soluble Sulfate Ion Content in Soil	04/11/2023
T291	Determining Water-Soluble Chloride Ion Content in Soil	04/11/2023
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	04/11/2023
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	04/11/2023
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/11/2023



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## Soil (Continued)

Standard:		Accredited Since:
D422	Particle Size Analysis of Soils by Hydrometer	04/11/2023
D558	Moisture-Density Relations of Soil-Cement Mixtures	04/11/2023
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/11/2023
D854	Specific Gravity of Soils	04/11/2023
D1140	Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	04/11/2023
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/11/2023
D1633	Compressive Strength of Molded Soil-Cement Cylinders	03/11/2026
D1883	The California Bearing Ratio	04/11/2023
D2166	Unconfined Compressive Strength of Cohesive Soil	04/11/2023
D2216	Laboratory Determination of Moisture Content of Soils	04/11/2023
D2434	Permeability of Granular Soils (Constant Head)	04/11/2023
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	04/11/2023
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	04/11/2023
D2850	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	04/11/2023
D2974	Determination of Organic Content in Soils by Loss on Ignition	04/11/2023
D3080	Direct Shear Test of Soils Under Consolidated Drained Conditions	04/11/2023
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	04/11/2023
D4318	Plastic Limit of Soils (Atterberg Limits)	04/11/2023
D4546	One-Dimensional Swell or Settlement Potential of Cohesive Soils	03/11/2026
D4718	Oversize Particle Correction	04/11/2023
D4767	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	04/11/2023
D4972	pH Testing of Soils	03/11/2026
D5084	Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	04/11/2023



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**Soil (Continued)**

<b>Standard:</b>		<b>Accredited Since:</b>
D5334	Determination of Thermal Conductivity of Soil and Rock by Thermal Needle Probe	03/11/2026
D6913	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	04/11/2023
D7263	Density and Unit Weight of Soil	04/11/2023
D7928	Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	04/11/2023
G51	Measuring pH for Corrosion Testing	04/11/2023
G57	Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	04/11/2023
G187	Soil Resistivity Using the Two-Electrode Soil Box	04/11/2023



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**Rock**

<b>Standard:</b>	<b>Accredited Since:</b>
D3967 Splitting Tensile Strength of Intact Rock Core Specimens	04/11/2023
D4543 Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	04/11/2023
D4644 Slake Durability of Shales and Weak Rocks	04/11/2023
D5731 Point Load Strength Index of Rock	04/11/2023
D7012 (Method C) Compressive Strength of Rock Core Specimens (Method C)	04/11/2023
D7012 (Method D) Compressive Strength of Rock Core Specimens (Method D)	04/11/2023



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## Aggregate

**Standard:**

**Accredited Since:**

C40 Organic Impurities in Fine Aggregates for Concrete	04/11/2023
C88 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	04/11/2023
C117 Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	04/11/2023
C127 Specific Gravity and Absorption of Coarse Aggregate	04/11/2023
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/11/2023
C131 Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/11/2023
C136 Sieve Analysis of Fine and Coarse Aggregates	04/11/2023
C535 Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/11/2023
C566 Total Moisture Content of Aggregate by Drying	04/11/2023
C702 Reducing Samples of Aggregate to Testing Size	04/11/2023



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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

04/11/2023



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**Concrete**

**Standard:**

**Accredited Since:**

C39	Compressive Strength of Cylindrical Concrete Specimens	12/20/2023
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	12/20/2023
C617 (9000 psi and below)	Capping Cylindrical Concrete Specimens	12/20/2023
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	04/02/2026