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).

Jim Tymon,
AASHTO Executive Director

Matt Linneman,
AASHTO COMP Chair

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Scope of AASHTO Accreditation for:

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Quality Management System

Standard:	Accredited Since:
R18 Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/11/2023

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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-µm) 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)

Standard:		Accredited Since:
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

Standard:		Accredited Since:
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-µm (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

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