AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

GeoTesting Express, LLC

in

Acton, Massachusetts, 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:

GeoTesting Express, LLC

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Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	06/15/1999
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	02/24/2021
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	05/15/2019
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	05/21/2018
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/24/2021
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/15/2019

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Scope of AASHTO Accreditation for:

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/15/1999
T88	Particle Size Analysis of Soils by Hydrometer	06/15/1999
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	06/15/1999
T90	Plastic Limit of Soils (Atterberg Limits)	06/15/1999
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	06/15/1999
T100	Specific Gravity of Soils	06/15/1999
T134	Moisture-Density Relations of Soil-Cement Mixtures	05/28/2013
T135	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	05/28/2013
T136	Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	05/28/2013
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/15/1999
T193	The California Bearing Ratio	06/15/1999
T208	Unconfined Compressive Strength of Cohesive Soil	06/15/1999
T215	Permeability of Granular Soils (Constant Head)	06/15/1999
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	06/15/1999
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	06/15/1999
T265	Laboratory Determination of Moisture Content of Soils	06/15/1999
T267	Determination of Organic Content in Soils by Loss on Ignition	05/28/2013
T288	Minimum Soil Resistivity	01/19/2018
T289	pH of Soils for Corrosion Testing	01/19/2018
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	06/15/1999
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	06/15/1999
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	06/15/1999
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/15/1999

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Soil (Continued)

Standard:		Accredited Since:
D422	Particle Size Analysis of Soils by Hydrometer	06/15/1999
D558	Moisture-Density Relations of Soil-Cement Mixtures	05/28/2013
D559	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	05/28/2013
D560	Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	05/28/2013
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	06/15/1999
D854	Specific Gravity of Soils	06/15/1999
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	06/15/1999
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/15/1999
D1632 (Cylinders)	Making and Curing Soil-Cement Compression and Flexure Test Specimens in the Laboratory	06/24/2024
D1633	Compressive Strength of Molded Soil-Cement Cylinders	06/24/2024
D1883	The California Bearing Ratio	06/15/1999
D2166	Unconfined Compressive Strength of Cohesive Soil	06/15/1999
D2216	Laboratory Determination of Moisture Content of Soils	06/15/1999
D2434	Permeability of Granular Soils (Constant Head)	06/15/1999
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	06/15/1999
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	06/15/1999
D2488	Description and Identification of Soils (Visual-Manual Procedure)	06/15/1999
D2850	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	06/15/1999
D2974	Determination of Organic Content in Soils by Loss on Ignition	05/28/2013
D3080	Direct Shear Test of Soils Under Consolidated Drained Conditions	06/15/1999
D4253	Maximum Index Density and Unit Weight of Soils Using a Vibratory Table	01/19/2018
D4254	Minimum Index Density and Unit Weight of Soils and Calculation of Relative Density	01/19/2018
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	06/15/1999

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Soil (Continued)

Standard:		Accredited Since:
D4318	Plastic Limit of Soils (Atterberg Limits)	06/15/1999
D4546	One-Dimensional Swell or Settlement Potential of Cohesive Soils	06/15/1999
D4643	Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	05/28/2013
D4718	Oversize Particle Correction	01/19/2018
D4767	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	06/15/1999
D4829	Expansion Index of Soils	07/15/2011
D4972	pH Testing of Soils	07/15/2011
D5084	Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	06/15/1999
D5334	Determination of Thermal Conductivity of Soil and Rock by Thermal Needle Probe	06/24/2024
D6913	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	05/28/2013
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	06/15/1999
D7928	Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	01/19/2018
G51	Measuring pH for Corrosion Testing	01/27/2020
G57	Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	01/19/2018
G187	Soil Resistivity Using the Two-Electrode Soil Box	05/12/2020

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Rock

Standard:		Accredited Since:
D3967	Splitting Tensile Strength of Intact Rock Core Specimens	01/19/2018
D4543	Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	01/19/2018
D4644	Slake Durability of Shales and Weak Rocks	05/28/2013
D5312	Evaluation of Durability of Rock for Erosion Control Under Freezing and Thawing Conditions	06/24/2024
D5313	Durability of Rock for Erosion Control Under Wetting and Drying Conditions	06/24/2024
D5607	Direct Shear Strength Test of Rock Specimens Under Constant Normal Force	01/19/2018
D5731	Point Load Strength Index of Rock	05/28/2013
D7012 (Method C)	Compressive Strength of Rock Core Specimens (Method C)	05/28/2013

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	09/01/2002
R90	Sampling Aggregate	05/28/2013
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	09/01/2002
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	09/01/2002
T21	Organic Impurities in Fine Aggregates for Concrete	09/01/2002
T27	Sieve Analysis of Fine and Coarse Aggregates	02/24/2021
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	09/01/2002
T85	Specific Gravity and Absorption of Coarse Aggregate	09/01/2002
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	09/01/2002
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	09/01/2002
T112	Clay Lumps and Friable Particles in Aggregate	05/28/2013
T113	Lightweight Pieces in Aggregate	05/28/2013
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	07/15/2011
T255	Total Moisture Content of Aggregate by Drying	09/01/2002
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	09/01/2002
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	05/28/2013
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	09/01/2002
C40	Organic Impurities in Fine Aggregates for Concrete	09/01/2002
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	09/01/2002
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	09/01/2002
C123	Lightweight Pieces in Aggregate	05/28/2013
C127	Specific Gravity and Absorption of Coarse Aggregate	09/01/2002
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	09/01/2002

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Aggregate (Continued)

Standard:		Accredited Since:
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	09/01/2002
C136	Sieve Analysis of Fine and Coarse Aggregates	02/24/2021
C142	Clay Lumps and Friable Particles in Aggregate	07/14/2011
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	09/01/2002
C566	Total Moisture Content of Aggregate by Drying	09/01/2002
C702	Reducing Samples of Aggregate to Testing Size	09/01/2002
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	09/01/2002
D75	Sampling Aggregate	05/28/2013
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	07/15/2011
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	05/28/2013
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	05/28/2013

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Concrete

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/17/2016
R60	Sampling Freshly Mixed Concrete	08/17/2016
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	08/17/2016
T22	Compressive Strength of Cylindrical Concrete Specimens	08/17/2016
T24	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	08/25/2025
T119	Slump of Hydraulic Cement Concrete	08/17/2016
T121	Density (Unit Weight), Yield, and Air Content of Concrete	08/17/2016
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	08/17/2016
T309	Temperature of Freshly Mixed Portland Cement Concrete	08/17/2016
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	03/29/2004
C39	Compressive Strength of Cylindrical Concrete Specimens	03/29/2004
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	08/25/2025
C138	Density (Unit Weight), Yield, and Air Content of Concrete	07/14/2011
C143	Slump of Hydraulic Cement Concrete	03/29/2004
C172	Sampling Freshly Mixed Concrete	03/29/2004
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	03/29/2004
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/16/2014
C1064	Temperature of Freshly Mixed Portland Cement Concrete	03/29/2004
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	07/14/2011
C1542	Measuring Length of Concrete Cores	08/25/2025

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Controlled Low Strength Material (CLSM)

Standard:	Accredited Since:
D4832 Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders	07/02/2024
D5971 Sampling Freshly Mixed Controlled Low-Strength Material (CLSM)	07/02/2024

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