



# CERTIFICATE OF ACCREDITATION



## GeoTesting Express, Inc.


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](http://aashtoresource.org)).

  
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Bud Wright,  
AASHTO Executive Director

  
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Moe Jamshidi,  
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	06/15/1999
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	09/08/2017
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	09/08/2017
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



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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
T191	Density of Soil In-Place by the Sand Cone Method	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



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**Soil (Continued)**

<b>Standard:</b>	<b>Accredited Since:</b>
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/15/1999
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- $\mu$ m) Sieve	06/15/1999
D1556 Density of Soil In-Place by the Sand Cone Method	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
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)

<b>Standard:</b>	<b>Accredited Since:</b>
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
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
G57 Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	01/19/2018



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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
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 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
T2	Sampling Aggregate	05/28/2013
T11	Materials Finer Than 75- $\mu$ m (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	09/01/2002
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- $\mu$ m (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	09/01/2002
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**

<b>Standard:</b>		<b>Accredited Since:</b>
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
T22	Compressive Strength of Cylindrical Concrete Specimens	08/17/2016
T23 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	08/17/2016
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
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	08/17/2016
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	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
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
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	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
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	08/17/2016
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