



# CERTIFICATE OF ACCREDITATION



## Beyond Engineering & Testing, LLC.

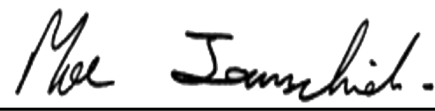
in

### Round Rock, Texas, 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)).

  
\_\_\_\_\_  
Bud Wright,  
AASHTO Executive Director

  
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Moe Jamshidi,  
AASHTO COMP Chair

This certificate was generated on 10/29/2018 at 2:40 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](http://aashtoresource.org/aap/accreditation-directory)



# SCOPE OF AASHTO ACCREDITATION FOR:

Beyond Engineering & Testing, LLC.  
in Round Rock, Texas, USA

## Quality Management System

**Standard:**

**Accredited Since:**

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	02/03/2015
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	09/14/2018
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	02/03/2015
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/14/2018
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/14/2018



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## Soil

### Standard:

### Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	02/03/2015
R74	Wet Preparation of Disturbed Soil Samples for Test	07/30/2018
T88	Particle Size Analysis of Soils by Hydrometer	02/03/2015
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	02/03/2015
T90	Plastic Limit of Soils (Atterberg Limits)	02/03/2015
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	02/03/2015
T100	Specific Gravity of Soils	02/03/2015
T134	Moisture-Density Relations of Soil-Cement Mixtures	09/14/2018
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	02/03/2015
T193	The California Bearing Ratio	02/03/2015
T208	Unconfined Compressive Strength of Cohesive Soil	02/03/2015
T215	Permeability of Granular Soils (Constant Head)	02/03/2015
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	02/03/2015
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	02/03/2015
T265	Laboratory Determination of Moisture Content of Soils	02/03/2015
T267	Determination of Organic Content in Soils by Loss on Ignition	02/03/2015
T288	Minimum Soil Resistivity	02/03/2015
T289	pH of Soils for Corrosion Testing	07/30/2018
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	02/03/2015
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	02/03/2015
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	02/03/2015
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	02/03/2015
D422	Particle Size Analysis of Soils by Hydrometer	02/03/2015



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## Soil (Continued)

Standard:	Accredited Since:
D558 Moisture-Density Relations of Soil-Cement Mixtures	09/14/2018
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	02/03/2015
D854 Specific Gravity of Soils	02/03/2015
D1140 Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	02/03/2015
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	02/03/2015
D1883 The California Bearing Ratio	02/03/2015
D2166 Unconfined Compressive Strength of Cohesive Soil	02/03/2015
D2216 Laboratory Determination of Moisture Content of Soils	02/03/2015
D2434 Permeability of Granular Soils (Constant Head)	02/03/2015
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	02/03/2015
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	02/03/2015
D2488 Description and Identification of Soils (Visual-Manual Procedure)	02/03/2015
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	02/03/2015
D2937 Density of Soil in Place by the Drive-Cylinder Method	02/03/2015
D2974 Determination of Organic Content in Soils by Loss on Ignition	02/03/2015
D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions	02/03/2015
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	02/03/2015
D4318 Plastic Limit of Soils (Atterberg Limits)	02/03/2015
D4546 One-Dimensional Swell or Settlement Potential of Cohesive Soils	02/03/2015
D4643 Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	02/03/2015
D4718 Oversize Particle Correction	02/03/2015
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	02/03/2015
D4829 Expansion Index of Soils	06/17/2016



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## Soil (Continued)

<b>Standard:</b>	<b>Accredited Since:</b>
D4972 pH Testing of Soils	02/03/2015
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	02/03/2015
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	02/03/2015
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	02/03/2015
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	07/30/2018
G51 Measuring pH for Corrosion Testing	07/30/2018
G57 Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	02/03/2015
G187 Soil Resistivity Using the Two-Electrode Soil Box	06/17/2016
Tex-113-E Compaction Characteristics and Moisture-Density Relationship of Base Materials (Texas)	07/30/2018



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## Rock

**Standard:**

**Accredited Since:**

D7012 (without D4543 sample preparation) Compressive Strength of Rock Core Specimens (Method C without D4543 preparation)

02/03/2015



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## Aggregate

### Standard:

### Accredited Since:

R76 Reducing Samples of Aggregate to Testing Size	06/17/2016
R90 Sampling Aggregate	07/30/2018
T11 Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	02/03/2015
T19 Bulk Density ("Unit Weight") and Voids in Aggregate	02/03/2015
T27 Sieve Analysis of Fine and Coarse Aggregates	02/03/2015
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	02/03/2015
T85 Specific Gravity and Absorption of Coarse Aggregate	02/03/2015
T104 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	09/14/2018
T255 Total Moisture Content of Aggregate by Drying	06/17/2016
C29 Bulk Density ("Unit Weight") and Voids in Aggregate	02/03/2015
C88 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	09/14/2018
C117 Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	02/03/2015
C127 Specific Gravity and Absorption of Coarse Aggregate	02/03/2015
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	02/03/2015
C136 Sieve Analysis of Fine and Coarse Aggregates	02/03/2015
C566 Total Moisture Content of Aggregate by Drying	06/17/2016
C702 Reducing Samples of Aggregate to Testing Size	06/17/2016
D75 Sampling Aggregate	07/30/2018