



CERTIFICATE OF ACCREDITATION



Beyond Engineering and 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](https://www.aashtoresource.org)).

A handwritten signature in black ink, appearing to read 'Jim Tymon', written over a horizontal line.

Jim Tymon,
AASHTO Executive Director

A handwritten signature in black ink, appearing to read 'Moe Jamshidi', written over a horizontal line.

Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 12/07/2023 at 11:30 AM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://www.aashtoresource.org/aap/accreditation-directory)



SCOPE OF AASHTO ACCREDITATION FOR:

Beyond Engineering and Testing, LLC
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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	09/12/2022
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	03/07/2019
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	09/12/2022
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/23/2019
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:

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
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- μ 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
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



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Soil (Continued)

Standard:	Accredited Since:
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



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Rock

Standard:

Accredited Since:

D7012 (Method C 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:

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- μ 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	09/12/2022
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



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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	08/31/2022
R60	Sampling Freshly Mixed Concrete	08/31/2022
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	08/31/2022
T22	Compressive Strength of Cylindrical Concrete Specimens	08/31/2022
T119	Slump of Hydraulic Cement Concrete	08/31/2022
T121	Density (Unit Weight), Yield, and Air Content of Concrete	08/31/2022
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	08/31/2022
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	08/31/2022
T231 (5000 psi and below)	Capping Cylindrical Concrete Specimens	08/31/2022
T309	Temperature of Freshly Mixed Portland Cement Concrete	08/31/2022
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	03/07/2019
C39	Compressive Strength of Cylindrical Concrete Specimens	03/07/2019
C138	Density (Unit Weight), Yield, and Air Content of Concrete	03/07/2019
C143	Slump of Hydraulic Cement Concrete	03/07/2019
C172	Sampling Freshly Mixed Concrete	03/07/2019
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	03/07/2019
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	03/07/2019
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	03/07/2019
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	08/31/2022
C1064	Temperature of Freshly Mixed Portland Cement Concrete	03/07/2019
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	03/07/2019