



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).

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 'Matt Linneman', written over a horizontal line.

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 08/15/2024 at 11:11 PM Eastern Time. Please confirm the current accreditation status of this laboratory at 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:

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|-------|---|------------|
| 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:

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|--|------------|
| 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 Cylinder 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 Cylinder 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 |