



CERTIFICATE OF ACCREDITATION



Beyond Engineering and Testing, LLC

in

Carrollton, 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 12/05/2023 at 1:00 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	06/22/2022
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	11/02/2022
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	06/22/2022
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	06/24/2022
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	06/24/2022
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	06/24/2022
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/24/2022
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/24/2022
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/22/2022
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/24/2022



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Asphalt Mixture

Standard:

Accredited Since:

D2041 Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	06/24/2022
D2726 Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	06/24/2022
D2950 Density of Bituminous Concrete In Place by Nuclear Methods	06/24/2022
D3203 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	06/24/2022
D5444 Mechanical Analysis of Extracted Aggregate	06/24/2022
D6307 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	09/06/2022
D6925 Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyrotory Compactor	09/06/2022



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Soil

Standard:

Accredited Since:

T311 Grain-Size Analysis of Granular Soil Materials	06/05/2023
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/24/2022
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	11/02/2022
D1140 Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	06/24/2022
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	11/02/2022
D2216 Laboratory Determination of Moisture Content of Soils	06/24/2022
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	06/24/2022
D4318 Plastic Limit of Soils (Atterberg Limits)	06/24/2022
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	06/24/2022



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Aggregate

Standard:

Accredited Since:

C29	Bulk Density ("Unit Weight") and Voids in Aggregate	06/24/2022
C40	Organic Impurities in Fine Aggregates for Concrete	06/24/2022
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	06/24/2022
C127	Specific Gravity and Absorption of Coarse Aggregate	06/24/2022
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	11/02/2022
C136	Sieve Analysis of Fine and Coarse Aggregates	06/24/2022
C142	Clay Lumps and Friable Particles in Aggregate	06/05/2023
C702	Reducing Samples of Aggregate to Testing Size	06/24/2022
D75	Sampling Aggregate	06/24/2022
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	11/02/2022
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	06/05/2023
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	06/05/2023



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Concrete

Standard:		Accredited Since:
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/22/2022
C39	Compressive Strength of Cylindrical Concrete Specimens	06/22/2022
C138	Density (Unit Weight), Yield, and Air Content of Concrete	06/22/2022
C143	Slump of Hydraulic Cement Concrete	06/22/2022
C172	Sampling Freshly Mixed Concrete	06/22/2022
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	06/22/2022
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	06/22/2022
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/22/2022
C1064	Temperature of Freshly Mixed Portland Cement Concrete	06/22/2022
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	06/22/2022