



CERTIFICATE OF ACCREDITATION



B2Z Engineering, LLC

in

Houston, 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 04/23/2026 at 12:27 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

B2Z Engineering, LLC
in Houston, Texas, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	10/29/2021
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	08/04/2023
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	11/17/2021
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	11/17/2021
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	10/29/2021
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/17/2021
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/17/2021
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/04/2023
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/29/2021



SCOPE OF AASHTO ACCREDITATION FOR:

B2Z Engineering, LLC
in Houston, Texas, USA

Asphalt Mixture

Standard:

Accredited Since:

D979	Sampling Bituminous Paving Mixtures	06/24/2024
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	10/29/2021
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	07/11/2024
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/29/2021
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	10/29/2021
D5444	Mechanical Analysis of Extracted Aggregate	06/24/2024
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	06/24/2024
Tex-206-F	Compacting Specimens Using the Texas Gyrotory Compactor (TGC)	06/24/2024



SCOPE OF AASHTO ACCREDITATION FOR:

B2Z Engineering, LLC
in Houston, Texas, USA

Soil

Standard:

Accredited Since:

D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/29/2021
D558 Moisture-Density Relations of Soil-Cement Mixtures	10/29/2021
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/29/2021
D854 Specific Gravity of Soils	07/11/2024
D1140 Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	10/29/2021
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/29/2021
D2216 Laboratory Determination of Moisture Content of Soils	10/29/2021
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	06/24/2024
D2488 Description and Identification of Soils (Visual-Manual Procedure)	06/24/2024
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	10/29/2021
D4318 Plastic Limit of Soils (Atterberg Limits)	10/29/2021
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	10/29/2021



SCOPE OF AASHTO ACCREDITATION FOR:

B2Z Engineering, LLC
in Houston, Texas, USA

Aggregate

Standard:

Accredited Since:

C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	10/29/2021
C136	Sieve Analysis of Fine and Coarse Aggregates	10/29/2021
C566	Total Moisture Content of Aggregate by Drying	10/29/2021
C702	Reducing Samples of Aggregate to Testing Size	10/29/2021
D75	Sampling Aggregate	10/29/2021
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	10/29/2021



SCOPE OF AASHTO ACCREDITATION FOR:

B2Z Engineering, LLC

in Houston, Texas, USA

Concrete

Standard:

Accredited Since:

C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	08/04/2023
C39	Compressive Strength of Cylindrical Concrete Specimens	08/04/2023
C138	Density (Unit Weight), Yield, and Air Content of Concrete	08/04/2023
C143	Slump of Hydraulic Cement Concrete	08/04/2023
C172	Sampling Freshly Mixed Concrete	08/04/2023
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	08/04/2023
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	08/04/2023
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/04/2023
C1064	Temperature of Freshly Mixed Portland Cement Concrete	08/04/2023
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	08/04/2023