



# CERTIFICATE OF ACCREDITATION



## B2Z Engineering, LLC

in

### Mission, 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)).

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 06/07/2026 at 5:24 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:

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## Quality Management System

### Standard:

### Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	08/01/2019
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	10/26/2022
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	04/02/2020
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/01/2019
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/01/2019
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	08/01/2019
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/04/2024
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/04/2024
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/02/2020
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/04/2024



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## Asphalt Mixture

### Standard:

### Accredited Since:

D979	Sampling Bituminous Paving Mixtures	08/01/2019
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	08/01/2019
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	08/01/2019
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	12/04/2024
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	08/01/2019
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	08/01/2019
D5444	Mechanical Analysis of Extracted Aggregate	08/01/2019
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	08/01/2019
D6390	Draindown Characteristics of HMA	08/01/2019
Tex-206-F	Compacting Specimens Using the Texas Gyrotory Compactor (TGC)	08/01/2019



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## Soil

### Standard:

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D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	08/01/2019
D422	Particle Size Analysis of Soils by Hydrometer	12/04/2024
D558	Moisture-Density Relations of Soil-Cement Mixtures	08/01/2019
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	08/01/2019
D1140	Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	08/01/2019
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	08/01/2019
D2216	Laboratory Determination of Moisture Content of Soils	08/01/2019
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	12/04/2024
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	08/01/2019
D4318	Plastic Limit of Soils (Atterberg Limits)	08/01/2019
D4972	pH Testing of Soils	08/09/2024
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	08/01/2019
D6951	Dynamic Cone Penetrometer In Shallow Pavement Applications	10/29/2021



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## Aggregate

### Standard:

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C40	Organic Impurities in Fine Aggregates for Concrete	08/01/2019
C117	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	08/01/2019
C127	Specific Gravity and Absorption of Coarse Aggregate	08/01/2019
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/26/2022
C136	Sieve Analysis of Fine and Coarse Aggregates	08/01/2019
C566	Total Moisture Content of Aggregate by Drying	08/01/2019
C702	Reducing Samples of Aggregate to Testing Size	10/29/2021
D75	Sampling Aggregate	08/01/2019
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	08/01/2019
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	08/01/2019



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## Concrete

### Standard:

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C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/02/2020
C39	Compressive Strength of Cylindrical Concrete Specimens	04/02/2020
C138	Density (Unit Weight), Yield, and Air Content of Concrete	04/02/2020
C143	Slump of Hydraulic Cement Concrete	04/02/2020
C172	Sampling Freshly Mixed Concrete	04/02/2020
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	04/02/2020
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/02/2020
C1064	Temperature of Freshly Mixed Portland Cement Concrete	04/02/2020
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	04/02/2020