



# CERTIFICATE OF ACCREDITATION



## HVJ Associates, Inc.

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](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 04/22/2025 at 11:30 AM 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	07/02/2013
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/09/2017
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	11/21/2017
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/09/2017
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/09/2017
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	01/09/2017
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/09/2017
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/09/2017
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/21/2017
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/09/2017



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## Asphalt Mixture

### Standard:

### Accredited Since:

D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	03/10/2022
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	07/02/2013
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	07/02/2013
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	07/02/2013
D5444	Mechanical Analysis of Extracted Aggregate	07/02/2013
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	07/02/2013
D6752	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	01/09/2017
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	01/09/2017
Tex-206-F	Compacting Specimens Using the Texas Gyratory Compactor (TGC)	01/09/2017



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## Soil

### Standard:

### Accredited Since:

D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	07/02/2013
D1140	Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	07/02/2013
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/02/2013
D2216	Laboratory Determination of Moisture Content of Soils	07/02/2013
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	07/02/2013
D2488	Description and Identification of Soils (Visual-Manual Procedure)	07/02/2013
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	07/02/2013
D4318	Plastic Limit of Soils (Atterberg Limits)	07/02/2013
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	07/02/2013
Tex-113-E	Compaction Characteristics and Moisture-Density Relationship of Base Materials (Texas)	05/03/2019



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## Rock

### Standard:

### Accredited Since:

D4543	Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	02/24/2025
D7012 (Method C)	Compressive Strength of Rock Core Specimens (Method C)	02/24/2025



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## Aggregate

### Standard:

### Accredited Since:

C40	Organic Impurities in Fine Aggregates for Concrete	07/02/2013
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	01/09/2017
C117	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	07/02/2013
C127	Specific Gravity and Absorption of Coarse Aggregate	07/02/2013
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	07/02/2013
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	01/09/2017
C136	Sieve Analysis of Fine and Coarse Aggregates	07/02/2013
C142	Clay Lumps and Friable Particles in Aggregate	01/09/2017
C566	Total Moisture Content of Aggregate by Drying	01/09/2017
C702	Reducing Samples of Aggregate to Testing Size	01/09/2017
D75	Sampling Aggregate	01/09/2017
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	07/02/2013



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## Concrete

<b>Standard:</b>		<b>Accredited Since:</b>
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	12/28/2023
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/28/2023
C39	Compressive Strength of Cylindrical Concrete Specimens	07/02/2013
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	12/28/2023
C138	Density (Unit Weight), Yield, and Air Content of Concrete	07/02/2013
C143	Slump of Hydraulic Cement Concrete	07/02/2013
C172	Sampling Freshly Mixed Concrete	07/02/2013
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	07/02/2013
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	07/02/2013
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	07/02/2013
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	11/16/2023
C1064	Temperature of Freshly Mixed Portland Cement Concrete	07/02/2013
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	07/02/2013