



# CERTIFICATE OF ACCREDITATION



## **HVJ Associates, Inc.**

in

### **El Paso, 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 'Moe Jamshidi', written over a horizontal line.

Moe Jamshidi,  
*AASHTO COMP Chair*

This certificate was generated on 02/03/2023 at 2:11 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	06/14/2019
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	06/14/2019
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	06/18/2019
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	06/14/2019
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/14/2019
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/18/2019



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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	06/14/2019
D1140	Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	06/14/2019
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/14/2019
D2216	Laboratory Determination of Moisture Content of Soils	06/14/2019
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	06/14/2019
D2488	Description and Identification of Soils (Visual-Manual Procedure)	06/14/2019
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	06/14/2019
D4318	Plastic Limit of Soils (Atterberg Limits)	06/14/2019
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	06/14/2019
Tex-113-E	Compaction Characteristics and Moisture-Density Relationship of Base Materials (Texas)	06/14/2019



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## Aggregate

### Standard:

### Accredited Since:

C40	Organic Impurities in Fine Aggregates for Concrete	06/14/2019
C117	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	06/14/2019
C127	Specific Gravity and Absorption of Coarse Aggregate	06/14/2019
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	06/14/2019
C136	Sieve Analysis of Fine and Coarse Aggregates	06/14/2019
C702	Reducing Samples of Aggregate to Testing Size	06/14/2019
D75	Sampling Aggregate	06/14/2019
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	06/14/2019



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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	04/30/2021
R60	Sampling Freshly Mixed Concrete	04/30/2021
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/30/2021
T22	Compressive Strength of Cylindrical Concrete Specimens	04/30/2021
T119	Slump of Hydraulic Cement Concrete	04/30/2021
T121	Density (Unit Weight), Yield, and Air Content of Concrete	04/30/2021
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	04/30/2021
T309	Temperature of Freshly Mixed Portland Cement Concrete	04/30/2021
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/18/2019
C39	Compressive Strength of Cylindrical Concrete Specimens	06/18/2019
C138	Density (Unit Weight), Yield, and Air Content of Concrete	06/18/2019
C143	Slump of Hydraulic Cement Concrete	06/18/2019
C172	Sampling Freshly Mixed Concrete	06/18/2019
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	06/18/2019
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/18/2019
C1064	Temperature of Freshly Mixed Portland Cement Concrete	06/18/2019
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	06/18/2019