



**AASHTO**  
ACCREDITED

# CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION  
OF STATE HIGHWAY AND  
TRANSPORTATION OFFICIALS

**AASHTO**

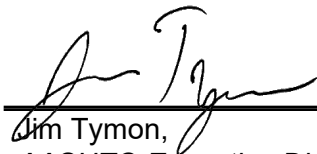
## **MatriScope Engineering Laboratories, Inc.**

in

### **Sacramento, California, 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)).



Jim Tymon,  
AASHTO Executive Director



Matt Linneman,  
AASHTO COMP Chair

This certificate was generated on 04/22/2025 at 11:36 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:

MatriScope Engineering Laboratories, Inc.  
in Sacramento, California, USA

## Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/13/2010
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	08/22/2012
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	06/13/2013
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	10/06/2021
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	10/20/2021
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	09/09/2014
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/13/2013
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/20/2021
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/13/2013
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/09/2014
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/31/2021



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## Asphalt Mixture

### Standard:

### Accredited Since:

T275 (Cores)	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens (Cores)	12/27/2016
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	12/18/2020
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	09/11/2018
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/30/2015



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## Soil

### Standard:

### Accredited Since:

D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/13/2010
D422 Particle Size Analysis of Soils by Hydrometer	04/13/2010
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	08/31/2021
D1140 Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	04/13/2010
D1556 Density of Soil In-Place by the Sand Cone Method	12/03/2012
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/13/2010
D2166 Unconfined Compressive Strength of Cohesive Soil	04/13/2010
D2216 Laboratory Determination of Moisture Content of Soils	04/13/2010
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	04/13/2010
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	04/13/2010
D4318 Plastic Limit of Soils (Atterberg Limits)	04/13/2010
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/13/2010



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## Aggregate

### Standard:

### Accredited Since:

C40	Organic Impurities in Fine Aggregates for Concrete	04/15/2010
C117	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	04/15/2010
C127	Specific Gravity and Absorption of Coarse Aggregate	04/15/2010
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/15/2010
C136	Sieve Analysis of Fine and Coarse Aggregates	04/15/2010
C566	Total Moisture Content of Aggregate by Drying	04/15/2010
C702	Reducing Samples of Aggregate to Testing Size	04/15/2010
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	12/03/2012



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## Sprayed Fire-Resistive Material

**Standard:**

**Accredited Since:**

E605 Thickness and Density of Sprayed Fire-Resistive Material(SFRM) Applied to Structural Members

08/31/2021



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## Iron and Steel

### Standard:

### Accredited Since:

A563-E18	Internally Threaded Fasteners (Nuts): Rockwell Hardness	08/31/2021
A563-F606	Internally Threaded Fasteners (Nuts): Proof Load Determination	08/31/2021
F436-E18	Hardened Steel Washers: Rockwell Hardness	05/05/2023
F3125-E18	Externally Threaded Fasteners (Bolts): Rockwell Hardness	08/31/2021
F3125-F606	Externally Threaded Fasteners (Bolts): Proof Load Determination	08/31/2021
F3125-F606	Externally Threaded Fasteners (Bolts): Ultimate Tensile Strength	08/31/2021



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## Concrete

<b>Standard:</b>		<b>Accredited Since:</b>
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/15/2010
C39	Compressive Strength of Cylindrical Concrete Specimens	04/15/2010
C138	Density (Unit Weight), Yield, and Air Content of Concrete	04/15/2010
C143	Slump of Hydraulic Cement Concrete	04/15/2010
C172	Sampling Freshly Mixed Concrete	04/15/2010
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	04/15/2010
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	04/15/2010
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/13/2013
C617 (6000 psi and below)	Capping Cylindrical Concrete Specimens	09/11/2018
C1064	Temperature of Freshly Mixed Portland Cement Concrete	04/15/2010
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	04/15/2010





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## Masonry

**Standard:**

**Accredited Since:**

C140 (Concrete Masonry Units) Sampling and Testing Concrete Masonry Units and Related Units	08/20/2021
C1552 Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	08/20/2021