



# CERTIFICATE OF ACCREDITATION



## Triax Engineering, LLC

in

## Commerce City, Colorado, 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](https://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 05/14/2026 at 1:47 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://aashtoresource.org/aap/accreditation-directory)



# SCOPE OF AASHTO ACCREDITATION FOR:

Triax Engineering, LLC

in Commerce City, Colorado, USA

## Quality Management System

### Standard:

### Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	09/15/2017
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	11/16/2017
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	11/16/2017
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	12/06/2024
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	04/30/2019
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	09/15/2017
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	09/15/2017
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/30/2019
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/15/2017
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/10/2021
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/06/2024
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/15/2017
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/30/2019



# SCOPE OF AASHTO ACCREDITATION FOR:

Triax Engineering, LLC

in Commerce City, Colorado, USA

## Asphalt Mixture

### Standard:

### Accredited Since:

R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	09/15/2017
R97	Sampling Bituminous Paving Mixtures	06/03/2022
T30	Mechanical Analysis of Extracted Aggregate	09/15/2017
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/30/2019
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	09/15/2017
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	09/15/2017
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	09/15/2017
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	09/15/2017
T355	Density of Bituminous Concrete In Place by Nuclear Methods	04/30/2019
D979	Sampling Bituminous Paving Mixtures	04/30/2019
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/30/2019
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/30/2019
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	09/15/2017
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/30/2019
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	07/25/2022
D5444	Mechanical Analysis of Extracted Aggregate	04/30/2019
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/30/2019
CP-L 5115	HMA Superpave Gyration Compactor (Colorado)	04/30/2019



# SCOPE OF AASHTO ACCREDITATION FOR:

Triax Engineering, LLC

in Commerce City, Colorado, USA

## Soil

### Standard:

### Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	09/15/2017
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	09/15/2017
T90	Plastic Limit of Soils (Atterberg Limits)	09/15/2017
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	09/15/2017
T134	Moisture-Density Relations of Soil-Cement Mixtures	09/15/2017
T135	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	07/25/2022
T136	Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	07/25/2022
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	09/15/2017
T190	Resistance R-Value and Expansion Pressure of Compacted Soils	08/20/2025
T193	The California Bearing Ratio	07/19/2023
T208	Unconfined Compressive Strength of Cohesive Soil	09/15/2017
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	04/30/2019
T265	Laboratory Determination of Moisture Content of Soils	09/15/2017
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	09/15/2017
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	09/15/2017
D558	Moisture-Density Relations of Soil-Cement Mixtures	09/15/2017
D559	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	07/25/2022
D560	Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	07/25/2022
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	09/15/2017
D1140	Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	09/15/2017
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	09/15/2017
D1633	Compressive Strength of Molded Soil-Cement Cylinders	07/25/2022
D1883	The California Bearing Ratio	07/19/2023



# SCOPE OF AASHTO ACCREDITATION FOR:

Triax Engineering, LLC

in Commerce City, Colorado, USA

## Soil (Continued)

<b>Standard:</b>	<b>Accredited Since:</b>
D2166 Unconfined Compressive Strength of Cohesive Soil	09/15/2017
D2216 Laboratory Determination of Moisture Content of Soils	09/15/2017
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	04/30/2019
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	09/15/2017
D2488 Description and Identification of Soils (Visual-Manual Procedure)	09/15/2017
D2844 Resistance R-Value and Expansion Pressure of Compacted Soils	08/20/2025
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	09/15/2017
D4318 Plastic Limit of Soils (Atterberg Limits)	09/15/2017
D4718 Oversize Particle Correction	07/25/2022
D4972 pH Testing of Soils	04/30/2019
D5334 Determination of Thermal Conductivity of Soil and Rock by Thermal Needle Probe	08/20/2025
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	09/15/2017
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	09/15/2017
G57 Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	08/20/2025



# SCOPE OF AASHTO ACCREDITATION FOR:

Triax Engineering, LLC

in Commerce City, Colorado, USA

## Aggregate

### Standard:

### Accredited Since:

C29	Bulk Density ("Unit Weight") and Voids in Aggregate	03/09/2021
C40	Organic Impurities in Fine Aggregates for Concrete	12/06/2024
C117	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	11/16/2017
C127	Specific Gravity and Absorption of Coarse Aggregate	11/16/2017
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	11/16/2017
C136	Sieve Analysis of Fine and Coarse Aggregates	11/16/2017
C566	Total Moisture Content of Aggregate by Drying	11/16/2017
C702	Reducing Samples of Aggregate to Testing Size	11/16/2017
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	12/06/2024
D75	Sampling Aggregate	07/19/2023
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	11/16/2017



# SCOPE OF AASHTO ACCREDITATION FOR:

Triax Engineering, LLC

in Commerce City, Colorado, USA

## Sprayed Fire-Resistive Material

### Standard:

### Accredited Since:

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

04/30/2019

E736 Cohesion/Adhesion of Sprayed Fire-Resistive Materials Applied to Structural Members

04/30/2019



# SCOPE OF AASHTO ACCREDITATION FOR:

Triax Engineering, LLC

in Commerce City, Colorado, USA

## Concrete

<b>Standard:</b>		<b>Accredited Since:</b>
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	11/16/2017
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/16/2017
C39	Compressive Strength of Cylindrical Concrete Specimens	11/16/2017
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	11/16/2017
C138	Density (Unit Weight), Yield, and Air Content of Concrete	11/16/2017
C143	Slump of Hydraulic Cement Concrete	11/16/2017
C172	Sampling Freshly Mixed Concrete	11/16/2017
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	11/16/2017
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/16/2017
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	09/09/2024
C1064	Temperature of Freshly Mixed Portland Cement Concrete	11/16/2017
C1231 (6000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	09/09/2024



# SCOPE OF AASHTO ACCREDITATION FOR:

Triax Engineering, LLC

in Commerce City, Colorado, USA

## Masonry

### Standard:

### Accredited Since:

C140 (Concrete Masonry Units) Sampling and Testing Concrete Masonry Units and Related Units	12/06/2024
C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	03/09/2021
C1019 Sampling and Testing Grout	03/09/2021
C1552 Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	12/06/2024