



# CERTIFICATE OF ACCREDITATION



## AEIS LLC

in

### South Plainfield, New Jersey, 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 03/21/2025 at 8:32 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	05/12/2015
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	05/12/2015
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	05/12/2015
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	05/04/2022
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	11/02/2020
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	11/02/2020
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	09/30/2015
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/12/2015
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/02/2020
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/12/2015
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/04/2022
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/30/2015
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/02/2020



# SCOPE OF AASHTO ACCREDITATION FOR:

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## Controlled Low Strength Material (CLSM)

### Standard:

### Accredited Since:

D4832 Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders

09/16/2024

D5971 Sampling Freshly Mixed Controlled Low-Strength Material (CLSM)

09/16/2024



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## Asphalt Mixture

<b>Standard:</b>	<b>Accredited Since:</b>
T30 Mechanical Analysis of Extracted Aggregate	01/17/2017
T166 (Cores) Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	01/17/2017
T209 Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	01/17/2017
T269 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	01/17/2017
T308 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	01/17/2017
T355 Density of Bituminous Concrete In Place by Nuclear Methods	11/02/2020
D2041 Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	01/17/2017
D2726 (Cores) Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	01/17/2017
D2950 Density of Bituminous Concrete In Place by Nuclear Methods	11/02/2020
D3203 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	01/17/2017
D5444 Mechanical Analysis of Extracted Aggregate	01/17/2017
D6307 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	01/17/2017



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## Soil

**Standard:**

**Accredited Since:**

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	09/30/2015
T88	Particle Size Analysis of Soils by Hydrometer	09/30/2015
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	09/30/2015
T90	Plastic Limit of Soils (Atterberg Limits)	09/30/2015
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	09/30/2015
T100	Specific Gravity of Soils	09/30/2015
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	09/30/2015
T265	Laboratory Determination of Moisture Content of Soils	09/30/2015
T267	Determination of Organic Content in Soils by Loss on Ignition	01/17/2017
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	09/30/2015
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	09/30/2015
D422	Particle Size Analysis of Soils by Hydrometer	09/30/2015
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	09/30/2015
D854	Specific Gravity of Soils	09/30/2015
D1140	Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	09/30/2015
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	09/30/2015
D2216	Laboratory Determination of Moisture Content of Soils	09/30/2015
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	09/30/2015
D2488	Description and Identification of Soils (Visual-Manual Procedure)	09/30/2015
D2974	Determination of Organic Content in Soils by Loss on Ignition	01/17/2017
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	09/30/2015
D4318	Plastic Limit of Soils (Atterberg Limits)	09/30/2015
D4380	Determining Density of Construction Slurries	09/16/2024



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## Soil (Continued)

Standard:	Accredited Since:
D4718 Oversize Particle Correction	09/30/2015
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	09/30/2015
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	09/30/2015



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## Aggregate

Standard:	Accredited Since:
R76 Reducing Samples of Aggregate to Testing Size	05/12/2015
R90 Sampling Aggregate	05/12/2015
T11 Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	05/12/2015
T19 Bulk Density ("Unit Weight") and Voids in Aggregate	08/21/2019
T21 Organic Impurities in Fine Aggregates for Concrete	05/12/2015
T27 Sieve Analysis of Fine and Coarse Aggregates	05/12/2015
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/12/2015
T85 Specific Gravity and Absorption of Coarse Aggregate	05/12/2015
T96 Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	11/02/2020
T104 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	05/04/2022
T255 Total Moisture Content of Aggregate by Drying	05/12/2015
C29 Bulk Density ("Unit Weight") and Voids in Aggregate	08/21/2019
C40 Organic Impurities in Fine Aggregates for Concrete	05/12/2015
C88 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	05/04/2022
C117 Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	05/12/2015
C127 Specific Gravity and Absorption of Coarse Aggregate	05/12/2015
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/12/2015
C131 Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	11/02/2020
C136 Sieve Analysis of Fine and Coarse Aggregates	05/12/2015
C535 Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	11/02/2020
C566 Total Moisture Content of Aggregate by Drying	05/12/2015
C702 Reducing Samples of Aggregate to Testing Size	05/12/2015
D75 Sampling Aggregate	05/12/2015



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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

11/02/2020

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

11/02/2020





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**Concrete**

<b>Standard:</b>		<b>Accredited Since:</b>
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/12/2015
R39	Making and Curing Concrete Test Specimens in the Laboratory	12/12/2016
R60	Sampling Freshly Mixed Concrete	05/12/2015
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	05/12/2015
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	05/12/2015
T22	Compressive Strength of Cylindrical Concrete Specimens	05/12/2015
T24	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	08/21/2019
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	05/12/2015
T119	Slump of Hydraulic Cement Concrete	05/12/2015
T121	Density (Unit Weight), Yield, and Air Content of Concrete	05/12/2015
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	05/12/2015
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	08/21/2019
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	05/12/2015
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	12/12/2016
T277	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	05/04/2022
T309	Temperature of Freshly Mixed Portland Cement Concrete	05/12/2015
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	05/12/2015
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	05/12/2015
C39	Compressive Strength of Cylindrical Concrete Specimens	05/12/2015
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	05/12/2015
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	05/12/2015
C138	Density (Unit Weight), Yield, and Air Content of Concrete	05/12/2015
C143	Slump of Hydraulic Cement Concrete	05/12/2015



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**Concrete (Continued)**

<b>Standard:</b>		<b>Accredited Since:</b>
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	08/21/2019
C172	Sampling Freshly Mixed Concrete	05/12/2015
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	05/12/2015
C192	Making and Curing Concrete Test Specimens in the Laboratory	12/12/2016
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	05/12/2015
C495	Compressive Strength of Lightweight Insulating Concrete	09/28/2023
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/12/2015
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	12/12/2016
C1064	Temperature of Freshly Mixed Portland Cement Concrete	05/12/2015
C1140 (Obtaining and Testing Specimens)	Preparing and Testing Specimens from Shotcrete Test Panels	09/16/2024
C1202	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	05/04/2022
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	05/10/2019
C1542	Measuring Length of Concrete Cores	12/12/2016
C1604	Standard Test Method for Obtaining and Testing Drilled Cores of Shotcrete	09/16/2024
C1611	Slump Flow of Self-Consolidating Concrete	09/16/2024



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## Cement - Physical Tests

**Standard:**

**Accredited Since:**

C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	11/25/2024
C183	Sampling and the Amount of Testing of Hydraulic Cement	11/25/2024
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	11/25/2024
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/25/2024
C1437	Flow of Hydraulic Cement Mortar	11/25/2024



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## Masonry

**Standard:**

**Accredited Since:**

C140 (Concrete Masonry Units) Sampling and Testing Concrete Masonry Units and Related Units	05/04/2022
C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	12/12/2016
C780 (Annex 1) Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	08/21/2019
C780 (Annex 6 - Cubes) Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	12/12/2016
C1019 Sampling and Testing Grout	05/04/2022
C1314 Compressive Strength of Masonry Prisms	05/04/2022
C1552 Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	05/04/2022