



CERTIFICATE OF ACCREDITATION



Advanced Infrastructure Design, Inc.

in

Hamilton, 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](https://www.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 05/18/2026 at 1:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://www.aashtoresource.org/aap/accreditation-directory)



SCOPE OF AASHTO ACCREDITATION FOR:

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Quality Management System

Standard:

Accredited Since:

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|------------------|------------------------------------------------------------------------------------------------|------------|
| R18 | Establishing and Implementing a Quality System for Construction Materials Testing Laboratories | 06/17/2016 |
| C1077 (Concrete) | Laboratories Testing Concrete and Concrete Aggregates | 06/17/2016 |



SCOPE OF AASHTO ACCREDITATION FOR:

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Asphalt Mixture

Standard:

Accredited Since:

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|---------------|--------------------------------------------------------------------------------------------------|------------|
| T166 (Cores) | Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores) | 09/26/2017 |
| T209 | Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures | 09/26/2017 |
| T269 | Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures | 09/26/2017 |
| D2041 | Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures | 09/26/2017 |
| D2726 (Cores) | Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores) | 09/26/2017 |
| D3203 | Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures | 09/26/2017 |



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Soil

Standard:

Accredited Since:

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| R74 | Wet Preparation of Disturbed Soil Samples for Test | 09/26/2017 |
| T89 | Determining the Liquid Limit of Soils (Atterberg Limits) | 09/26/2017 |
| T90 | Plastic Limit of Soils (Atterberg Limits) | 09/26/2017 |
| T99 | The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop | 09/26/2017 |
| T134 | Moisture-Density Relations of Soil-Cement Mixtures | 09/26/2017 |
| T180 | Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop | 09/26/2017 |
| T265 | Laboratory Determination of Moisture Content of Soils | 09/26/2017 |
| D558 | Moisture-Density Relations of Soil-Cement Mixtures | 09/26/2017 |
| D698 | The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop | 09/26/2017 |
| D1140 | Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve | 07/28/2023 |
| D1557 | Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop | 09/26/2017 |
| D2216 | Laboratory Determination of Moisture Content of Soils | 09/26/2017 |
| D2487 | Classification of Soils for Engineering Purposes (Unified Soil Classification System) | 04/21/2020 |
| D4318 | Determining the Liquid Limit of Soils (Atterberg Limits) | 09/26/2017 |
| D4318 | Plastic Limit of Soils (Atterberg Limits) | 09/26/2017 |
| D6913 | Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis | 07/28/2023 |



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Aggregate

Standard:

Accredited Since:

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|------|-----------------------------------------------------------------------------------|------------|
| T11 | Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing | 04/21/2020 |
| T27 | Sieve Analysis of Fine and Coarse Aggregates | 04/21/2020 |
| C117 | Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing | 04/21/2020 |
| C136 | Sieve Analysis of Fine and Coarse Aggregates | 04/21/2020 |



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Concrete

| Standard: | | Accredited Since: |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------|
| C31 (Beams) | Making and Curing Concrete Test Specimens in the Field | 07/15/2022 |
| C31 (Cylinders) | Making and Curing Concrete Test Specimens in the Field | 07/15/2022 |
| C39 | Compressive Strength of Cylindrical Concrete Specimens | 06/17/2016 |
| C42 (Testing Drilled Cores of Concrete) | Testing Drilled Cores of Concrete | 06/17/2016 |
| C78 | Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading) | 07/15/2022 |
| C138 | Density (Unit Weight), Yield, and Air Content of Concrete | 06/17/2016 |
| C143 | Slump of Hydraulic Cement Concrete | 06/17/2016 |
| C172 | Sampling Freshly Mixed Concrete | 06/17/2016 |
| C173 | Air Content of Freshly Mixed Concrete by the Volumetric Method | 06/17/2016 |
| C231 | Air Content of Freshly Mixed Concrete by the Pressure Method | 06/17/2016 |
| C496 | Splitting Tensile Strength of Cylindrical Concrete Specimens | 05/04/2026 |
| C511 | Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes | 06/17/2016 |
| C1064 | Temperature of Freshly Mixed Portland Cement Concrete | 06/17/2016 |
| C1231 (10000 psi and below) | Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders | 07/15/2022 |
| C1542 | Measuring Length of Concrete Cores | 06/17/2016 |