AASHTO ACCREDITED

# CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

# FAA NextGen Pavement Materials Laboratory

in

## Egg Harbor Township, 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).

Jim Tymon,
*AASHTO Executive Director*

Matt Linneman,
*AASHTO COMP Chair*

This certificate was generated on 05/05/2026 at 6:44 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

# Scope of AASHTO Accreditation for:

FAA NextGen Pavement Materials Laboratory

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## Quality Management System

| Standard: | | Accredited Since: |
|---|---|---|
| R18 | Establishing and Implementing a Quality System for Construction Materials Testing Laboratories | 07/01/2013 |
| C1077 (Aggregate) | Laboratories Testing Concrete and Concrete Aggregates | 09/30/2014 |
| C1077 (Concrete) | Laboratories Testing Concrete and Concrete Aggregates | 09/30/2014 |
| D3666 (Aggregate) | Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials | 05/18/2020 |
| D3666 (Asphalt Mixture) | Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials | 07/08/2013 |
| D3740 (Soil) | Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction | 07/29/2020 |

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## Asphalt Mixture

| Standard: | Accredited Since: |
|---|---|
| D979 Sampling Bituminous Paving Mixtures | 02/23/2018 |
| D2041 Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures | 07/01/2013 |
| D2726 Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens | 07/01/2013 |
| D3203 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures | 07/01/2013 |
| D3549 Thickness or Height of Compacted Bituminous Paving Mixture Specimens | 05/18/2020 |
| D4867 Resistance of Compacted Mixtures to Moisture Induced Damage | 07/01/2013 |
| D5444 Mechanical Analysis of Extracted Aggregate | 07/01/2013 |
| D6307 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method | 07/01/2013 |
| D6752 Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method | 07/01/2013 |
| D6925 Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor | 07/01/2013 |
| D6926 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus | 07/01/2013 |
| D6927 Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus | 07/01/2013 |
| D6931 Indirect Tensile Strength (IDT) | 07/01/2013 |

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## Soil

| Standard: | Accredited Since: |
|---|---|
| D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test | 07/01/2013 |
| D422 Particle Size Analysis of Soils by Hydrometer | 07/01/2013 |
| D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop | 07/01/2013 |
| D854 Specific Gravity of Soils | 07/01/2013 |
| D1556 Density of Soil In-Place by the Sand Cone Method | 07/01/2013 |
| D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop | 07/01/2013 |
| D1883 The California Bearing Ratio | 07/01/2013 |
| D2216 Laboratory Determination of Moisture Content of Soils | 07/01/2013 |
| D2937 Density of Soil in Place by the Drive-Cylinder Method | 02/23/2018 |
| D4318 Determining the Liquid Limit of Soils (Atterberg Limits) | 07/01/2013 |
| D4318 Plastic Limit of Soils (Atterberg Limits) | 07/01/2013 |

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## Aggregate

| Standard: | | Accredited Since: |
|---|---|---|
| C29 | Bulk Density (“Unit Weight”) and Voids in Aggregate | 07/01/2013 |
| C40 | Organic Impurities in Fine Aggregates for Concrete | 07/01/2013 |
| C117 | Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing | 07/01/2013 |
| C127 | Specific Gravity and Absorption of Coarse Aggregate | 07/01/2013 |
| C128 | Specific Gravity (Relative Density) and Absorption of Fine Aggregate | 07/01/2013 |
| C136 | Sieve Analysis of Fine and Coarse Aggregates | 07/01/2013 |
| C566 | Total Moisture Content of Aggregate by Drying | 07/01/2013 |
| C702 | Reducing Samples of Aggregate to Testing Size | 07/01/2013 |
| C1252 | Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading) | 08/29/2013 |
| D75 | Sampling Aggregate | 02/03/2017 |
| D2419 | Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test | 07/01/2013 |
| D4791 | Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate | 07/01/2013 |

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## Concrete

| Standard: | | Accredited Since: |
|---|---|---|
| C31 (Beams) | Making and Curing Concrete Test Specimens in the Field | 06/05/2015 |
| C31 (Cylinders) | Making and Curing Concrete Test Specimens in the Field | 06/05/2015 |
| C39 | Compressive Strength of Cylindrical Concrete Specimens | 07/01/2013 |
| C78 | Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading) | 06/05/2015 |
| C138 | Density (Unit Weight), Yield, and Air Content of Concrete | 07/01/2013 |
| C143 | Slump of Hydraulic Cement Concrete | 07/01/2013 |
| C172 | Sampling Freshly Mixed Concrete | 07/01/2013 |
| C173 | Air Content of Freshly Mixed Concrete by the Volumetric Method | 07/01/2013 |
| C192 | Making and Curing Concrete Test Specimens in the Laboratory | 06/05/2015 |
| C231 | Air Content of Freshly Mixed Concrete by the Pressure Method | 07/01/2013 |
| C496 | Splitting Tensile Strength of Cylindrical Concrete Specimens | 06/05/2015 |
| C511 | Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes | 07/01/2013 |
| C617 (10000 psi and below) | Capping Cylindrical Concrete Specimens | 11/21/2025 |
| C1064 | Temperature of Freshly Mixed Portland Cement Concrete | 07/01/2013 |
| C1231 (7000 psi and below) | Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders | 07/01/2013 |