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

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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	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

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