



# CERTIFICATE OF ACCREDITATION



## Jersey Essay Labs, Inc.

in

### Fairfield, 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 02/18/2025 at 12:37 PM 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:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	09/11/2003
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	05/24/2013



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## Asphalt Mixture

### Standard:

### Accredited Since:

T30	Mechanical Analysis of Extracted Aggregate	02/09/2006
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	01/31/2018
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	02/09/2006
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	02/09/2006
T275 (Cores)	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens (Cores)	01/31/2018
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	02/09/2006
D1188 (Cores)	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens (Cores)	01/31/2018
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/04/2011
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	01/31/2018
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	04/06/2018
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	02/09/2006
D5444	Mechanical Analysis of Extracted Aggregate	02/09/2006
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	02/09/2006



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## Soil

### Standard:

### Accredited Since:

D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/08/2004
D422 Particle Size Analysis of Soils by Hydrometer	06/08/2004
D854 Specific Gravity of Soils	06/08/2004
D1140 Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	06/08/2004
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/08/2004
D2216 Laboratory Determination of Moisture Content of Soils	06/08/2004
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	06/08/2004
D2488 Description and Identification of Soils (Visual-Manual Procedure)	06/08/2004
D2974 Determination of Organic Content in Soils by Loss on Ignition	05/29/2020
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	06/08/2004
D4318 Plastic Limit of Soils (Atterberg Limits)	06/08/2004
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	06/08/2004



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## Concrete

<b>Standard:</b>		<b>Accredited Since:</b>
C31 (Beams)	Making and Curing Concrete Beam Test Specimens in the Field	11/21/2016
C31 (Cylinders)	Making and Curing Concrete Cylinder Test Specimens in the Field	11/21/2016
C39	Compressive Strength of Cylindrical Concrete Specimens	11/21/2016
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	11/21/2016
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	11/21/2016
C138	Density (Unit Weight), Yield, and Air Content of Concrete	11/21/2016
C143	Slump of Hydraulic Cement Concrete	11/21/2016
C172	Sampling Freshly Mixed Concrete	11/21/2016
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	11/21/2016
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	11/21/2016
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/21/2016
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	11/21/2016
C1064	Temperature of Freshly Mixed Portland Cement Concrete	11/21/2016
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	11/21/2016
C1542	Measuring Length of Concrete Cores	11/21/2016



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## Masonry

### Standard:

### Accredited Since:

C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/21/2016
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	05/30/2019
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	11/21/2016