



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).

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 'Moe Jamshidi', written over a horizontal line.

Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 01/19/2021 at 4:49 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Jersey Essay Labs, Inc.

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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 | 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 |



SCOPE OF AASHTO ACCREDITATION FOR:

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Asphalt Mixture

Standard:

Accredited Since:

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|---------------|--|------------|
| 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:

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| 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- μ 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 |
| D1883 The California Bearing Ratio | 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

| Standard: | | Accredited Since: |
|----------------------------|---|-------------------|
| C31 | Making and Curing Concrete 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:

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| 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) | Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength | 11/21/2016 |