



CERTIFICATE OF ACCREDITATION



Rowan University Construction Materials Laboratory

in

Mullica Hill, 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 'Moe Jamshidi', written over a horizontal line.

Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 07/19/2024 at 10:52 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:

Rowan University Construction Materials Laboratory

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Quality Management System

Standard:

R18 Establishing and Implementing a Quality System for Construction Materials Testing Laboratories

Accredited Since:

08/19/2011



SCOPE OF AASHTO ACCREDITATION FOR:

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Asphalt Binder

Standard:

Accredited Since:

R28	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	08/19/2011
R29	Grading or Verifying the Performance Grade of an Asphalt Binder	08/19/2011
T48	Flash Point by Cleveland Open Cup	08/19/2011
T228	Specific Gravity (Relative Density) of Asphalt Cement	04/12/2022
T240	Rolling Thin-Film Oven Testing	08/19/2011
T313	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	08/19/2011
T315	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	08/19/2011
T350	Multiple Stress Creep and Recovery (MSCR)	04/12/2022
D70	Specific Gravity (Relative Density) of Asphalt Cement	04/12/2022
D92	Flash Point by Cleveland Open Cup	06/10/2013
D2872	Rolling Thin-Film Oven Testing	06/10/2013
D6521	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	06/10/2013
D6648	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	06/10/2013
D7175	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	06/10/2013
D7405	Multiple Stress Creep and Recovery (MSCR)	04/12/2022
D7643	Determining the Continuous Grading Temperatures and Continuous Grades for PG Graded Asphalt Binders	12/18/2015



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Asphalt Mixture

Standard:	Accredited Since:
R30 Mixture Conditioning of Hot Mix Asphalt (HMA)	12/18/2015
R35 Superpave Volumetric Design for Hot Mix Asphalt (HMA)	09/20/2021
R47 Reducing Samples of Hot-Mix Asphalt to Testing Size	02/14/2018
R97 Sampling Bituminous Paving Mixtures	08/02/2021
T164 Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	08/19/2011
T166 Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	06/10/2013
T209 Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	07/23/2013
T269 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	06/10/2013
T283 Resistance of Compacted Mixtures to Moisture Induced Damage	09/20/2021
T312 Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	Suspended
T331 Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	02/14/2018
D979 Sampling Bituminous Paving Mixtures	02/14/2018
D2041 Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	07/23/2013
D2172 Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	06/10/2013
D2726 Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	06/10/2013
D3203 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	06/10/2013
D3549 Thickness or Height of Compacted Bituminous Paving Mixture Specimens	09/20/2021
D4867 Resistance of Compacted Mixtures to Moisture Induced Damage	09/20/2021
D5404 Recovery of Asphalt from Solution Using the Rotavapor Apparatus	08/19/2011
D6307 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	06/10/2013
D6752 Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	02/14/2018
D6925 Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	Suspended
D6931 Indirect Tensile Strength (IDT)	09/20/2021



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Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	09/20/2021
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	09/20/2021
T27	Sieve Analysis of Fine and Coarse Aggregates	09/20/2021
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	09/20/2021
T85	Specific Gravity and Absorption of Coarse Aggregate	09/20/2021
T100 (Mineral Filler)	Specific Gravity of Mineral Filler on Asphalt Mixture Designs	09/20/2021
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	09/20/2021
C127	Specific Gravity and Absorption of Coarse Aggregate	09/20/2021
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	09/20/2021
C136	Sieve Analysis of Fine and Coarse Aggregates	09/20/2021
C702	Reducing Samples of Aggregate to Testing Size	09/20/2021