



CERTIFICATE OF ACCREDITATION



Trimat Materials Testing, Inc.

in

Durham, North Carolina, 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 06/30/2026 at 4:01 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	01/08/2009
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	04/12/2017
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	04/17/2020
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	06/28/2013
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/05/2011
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/05/2011
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/29/2025
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/28/2013



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Asphalt Mixture

Standard:

Accredited Since:

R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	01/08/2009
T30	Mechanical Analysis of Extracted Aggregate	01/08/2009
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	01/08/2009
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	01/08/2009
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	01/08/2009
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	01/08/2009
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	01/08/2009
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	01/08/2009
T340	Determining Rutting Susceptibility of Hot Mix Asphalt (HMA) Using the Asphalt Pavement Analyzer (APA)	07/22/2024
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	07/22/2024
D2172	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	07/22/2024
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	07/22/2024
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	07/22/2024
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	09/07/2022
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	07/22/2024
D5404	Recovery of Asphalt from Solution Using the Rotavapor Apparatus	04/07/2025
D5444	Mechanical Analysis of Extracted Aggregate	07/22/2024
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	07/22/2024
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	07/22/2024
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	07/22/2024
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	07/22/2024
D8225	Determination of Cracking Tolerance Index of Asphalt Mixture Using the Indirect Tensile Cracking Test at Intermediate Temperature	07/22/2024



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Soil

Standard:

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R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/14/2011
T88	Particle Size Analysis of Soils by Hydrometer	04/14/2011
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	04/14/2011
T90	Plastic Limit of Soils (Atterberg Limits)	04/14/2011
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/14/2011
T100	Specific Gravity of Soils	09/07/2022
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/14/2011
T265	Laboratory Determination of Moisture Content of Soils	04/14/2011
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	05/06/2015
D422	Particle Size Analysis of Soils by Hydrometer	05/06/2015
D558	Moisture-Density Relations of Soil-Cement Mixtures	07/22/2024
D559	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	07/22/2024
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	05/06/2015
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/06/2015
D1633	Compressive Strength of Molded Soil-Cement Cylinders	07/22/2024
D2216	Laboratory Determination of Moisture Content of Soils	05/06/2015
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	07/22/2024
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	05/06/2015
D4318	Plastic Limit of Soils (Atterberg Limits)	05/06/2015



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Aggregate

Standard:

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R76	Reducing Samples of Aggregate to Testing Size	06/28/2013
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	01/08/2009
T27	Sieve Analysis of Fine and Coarse Aggregates	01/08/2009
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/08/2009
T85	Specific Gravity and Absorption of Coarse Aggregate	01/08/2009
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	01/08/2009
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	09/07/2022
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	05/06/2015
C127	Specific Gravity and Absorption of Coarse Aggregate	05/06/2015
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/06/2015
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	07/22/2024
C136	Sieve Analysis of Fine and Coarse Aggregates	05/06/2015
C142	Clay Lumps and Friable Particles in Aggregate	07/22/2024
C702	Reducing Samples of Aggregate to Testing Size	07/22/2024
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	07/22/2024
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	04/14/2011
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	07/22/2024



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Concrete

Standard:

Accredited Since:

C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	04/17/2020
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/17/2020
C39	Compressive Strength of Cylindrical Concrete Specimens	04/17/2020
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/17/2020
C138	Density (Unit Weight), Yield, and Air Content of Concrete	04/17/2020
C143	Slump of Hydraulic Cement Concrete	04/17/2020
C172	Sampling Freshly Mixed Concrete	04/17/2020
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	08/04/2022
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	04/17/2020
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/17/2020
C1064	Temperature of Freshly Mixed Portland Cement Concrete	04/17/2020
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	04/17/2020