



CERTIFICATE OF ACCREDITATION



Materials Testing Consultants, Inc.

in

Dexter, Michigan, 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 'Matt Linneman', written over a horizontal line.

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 08/15/2024 at 8:53 AM Eastern Time. Please confirm the current accreditation status of this laboratory at 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	03/15/2019
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	03/15/2019
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	07/18/2019
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	03/15/2019
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	06/28/2021
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	03/15/2019
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/15/2019
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/28/2021
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/18/2019
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/15/2019



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Asphalt Mixture

Standard:

Accredited Since:

T30	Mechanical Analysis of Extracted Aggregate	06/28/2021
T164 (Mineral Matter Not Determined)	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA) - Plant Control	06/28/2021
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	02/14/2023
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	02/14/2023
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	02/14/2023
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	06/28/2021
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	02/14/2023
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	02/14/2023
D2172 (Mineral Matter Not Determined)	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA) - Plant Control	06/28/2021
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	02/14/2023
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	02/14/2023
D5444	Mechanical Analysis of Extracted Aggregate	06/28/2021
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	06/28/2021
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	02/14/2023



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Soil

Standard:

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R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/15/2019
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	03/15/2019
T90	Plastic Limit of Soils (Atterberg Limits)	03/15/2019
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	03/15/2019
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/15/2019
T265	Laboratory Determination of Moisture Content of Soils	06/28/2021
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	03/15/2019
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/15/2019
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	03/15/2019
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/15/2019
D2216	Laboratory Determination of Moisture Content of Soils	06/28/2021
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	03/15/2019
D4318	Plastic Limit of Soils (Atterberg Limits)	03/15/2019
D4718	Oversize Particle Correction	06/28/2021
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	03/15/2019



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Aggregate

Standard:

Accredited Since:

T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	03/15/2019
T27	Sieve Analysis of Fine and Coarse Aggregates	03/15/2019
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/15/2019
T85	Specific Gravity and Absorption of Coarse Aggregate	03/15/2019
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	03/15/2019
C127	Specific Gravity and Absorption of Coarse Aggregate	03/15/2019
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/15/2019
C136	Sieve Analysis of Fine and Coarse Aggregates	03/15/2019



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Concrete

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/11/2022
R60	Sampling Freshly Mixed Concrete	10/11/2022
R100 (Cylinders)	Making and Curing Concrete Cylinder Test Specimens in the Field	10/11/2022
T22	Compressive Strength of Cylindrical Concrete Specimens	10/11/2022
T119	Slump of Hydraulic Cement Concrete	10/11/2022
T121	Density (Unit Weight), Yield, and Air Content of Concrete	10/11/2022
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	10/11/2022
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	10/11/2022
T231 (8000 psi and below)	Capping Cylindrical Concrete Specimens	10/11/2022
T309	Temperature of Freshly Mixed Portland Cement Concrete	10/11/2022
C31 (Cylinders)	Making and Curing Concrete Cylinder Test Specimens in the Field	07/18/2019
C39	Compressive Strength of Cylindrical Concrete Specimens	07/18/2019
C138	Density (Unit Weight), Yield, and Air Content of Concrete	07/03/2019
C143	Slump of Hydraulic Cement Concrete	07/03/2019
C172	Sampling Freshly Mixed Concrete	07/03/2019
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	07/03/2019
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	07/03/2019
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	07/18/2019
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	10/11/2022
C1064	Temperature of Freshly Mixed Portland Cement Concrete	07/03/2019
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	07/03/2019