AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

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).

Jim Tymon,
AASHTO Executive Director

Matt Linneman,
AASHTO COMP Chair

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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:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/15/2019
T88	Particle Size Analysis of Soils by Hydrometer	10/07/2024
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
D422	Particle Size Analysis of Soils by Hydrometer	10/07/2024
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-µm (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-µm (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 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 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

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