AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

CMT Laboratories, Inc.

in

State College, Pennsylvania, 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	11/01/1996
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/18/2013
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/18/2013
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	01/18/2013
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/18/2013
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/18/2013
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/18/2013

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	11/01/1996
T88	Particle Size Analysis of Soils by Hydrometer	11/01/1996
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	11/01/1996
T90	Plastic Limit of Soils (Atterberg Limits)	11/01/1996
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	11/01/1996
T100	Specific Gravity of Soils	11/01/1996
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	11/01/1996
T193	The California Bearing Ratio	11/01/1996
T208	Unconfined Compressive Strength of Cohesive Soil	11/01/1996
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	11/01/1996
T265	Laboratory Determination of Moisture Content of Soils	11/01/1996
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	11/01/1996
D422	Particle Size Analysis of Soils by Hydrometer	11/01/1996
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	11/01/1996
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	11/01/1996
D1883	The California Bearing Ratio	11/01/1996
D2166	Unconfined Compressive Strength of Cohesive Soil	11/01/1996
D2216	Laboratory Determination of Moisture Content of Soils	11/01/1996
D3080 (2000 lb/ft-sq or Greater Normal Stress)	Direct Shear Test of Soils Under Consolidated Drained Conditions (with Exceptions)	09/07/2022
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	11/01/1996
D4318	Plastic Limit of Soils (Atterberg Limits)	11/01/1996

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Aggregate

Standard:	Accredited Since:
R76 Reducing Samples of Aggregate to Testing Size	11/01/1996
T11 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	11/01/1996
T27 Sieve Analysis of Fine and Coarse Aggregates	11/01/1996
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	11/01/1996
T85 Specific Gravity and Absorption of Coarse Aggregate	11/01/1996
T104 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	11/01/1996
T255 Total Moisture Content of Aggregate by Drying	11/01/1996
C88 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	11/01/1996
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	11/01/1996
C127 Specific Gravity and Absorption of Coarse Aggregate	11/01/1996
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	11/01/1996
C136 Sieve Analysis of Fine and Coarse Aggregates	11/01/1996
C566 Total Moisture Content of Aggregate by Drying	11/01/1996
C702 Reducing Samples of Aggregate to Testing Size	11/01/1996

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Sprayed Fire-Resistive Material

Standard:	Accredited Since:
E605 Thickness and Density of Sprayed Fire-Resistive Material(SFRM) Applied to Structural Members	02/01/2011
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	02/01/2011

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Concrete

Standard:		Accredited Since:
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/09/2018
C39	Compressive Strength of Cylindrical Concrete Specimens	12/19/2003
C138	Density (Unit Weight), Yield, and Air Content of Concrete	12/19/2003
C143	Slump of Hydraulic Cement Concrete	12/19/2003
C172	Sampling Freshly Mixed Concrete	12/19/2003
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	12/19/2003
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	12/19/2003
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/10/2011
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	08/24/2021
C1064	Temperature of Freshly Mixed Portland Cement Concrete	12/19/2003
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	08/10/2011

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Masonry

Standard:	Accredited Since:
C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/24/2021
C1019 Sampling and Testing Grout	08/24/2021

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