AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

ATL, Inc.

dba

CMT Technical Services (Arizona)

in

Phoenix, Arizona, 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	12/01/1989
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	01/10/2011
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011

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Asphalt Mixture

Standard:		Accredited Since:
R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	01/09/2017
R35	Superpave Volumetric Design for Hot Mix Asphalt (HMA)	07/31/2025
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	12/01/1992
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	12/01/1992
T30	Mechanical Analysis of Extracted Aggregate	04/16/2026
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	12/01/1992
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	12/01/1992
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	12/01/1992
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	12/01/1992
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	01/09/2017
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/16/2026
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	12/01/1992
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	12/01/1992
T355	Density of Bituminous Concrete In Place by Nuclear Methods	05/22/2019
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	12/01/1992
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	12/01/1992
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	05/22/2019
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	12/01/1992
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	04/27/2022
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	01/09/2017
D5444	Mechanical Analysis of Extracted Aggregate	04/16/2026
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	12/01/1992
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	12/01/1992

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Asphalt Mixture (Continued)

Standard:	Accredited Since:
D6926 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	12/01/1992
D6927 Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	12/01/1992

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/01/1992
R74	Wet Preparation of Disturbed Soil Samples for Test	12/01/1992
T88	Particle Size Analysis of Soils by Hydrometer	07/13/2020
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	12/01/1992
T90	Plastic Limit of Soils (Atterberg Limits)	12/01/1992
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/01/1992
T100	Specific Gravity of Soils	12/01/1992
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/01/1992
T191	Density of Soil In-Place by the Sand Cone Method	12/01/1992
T193	The California Bearing Ratio	12/01/1992
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	12/01/1992
T217	Determination of Moisture in Soils by Means of a Calcium Carbide Gas Pressure Moisture Tester	12/01/1992
T265	Laboratory Determination of Moisture Content of Soils	12/01/1992
T288	Minimum Soil Resistivity	05/22/2019
T289	pH of Soils for Corrosion Testing	04/27/2022
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	12/01/1992
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/01/1992
D422	Particle Size Analysis of Soils by Hydrometer	07/13/2020
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/01/1992
D854	Specific Gravity of Soils	12/01/1992
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	12/01/1992
D1556	Density of Soil In-Place by the Sand Cone Method	12/01/1992
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/01/1992

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Soil (Continued)

Standard:	Accredited Since:
D1883 The California Bearing Ratio	12/01/1992
D2216 Laboratory Determination of Moisture Content of Soils	12/01/1992
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	12/01/1992
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	01/09/2017
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	12/01/1992
D4318 Plastic Limit of Soils (Atterberg Limits)	12/01/1992
D4546 One-Dimensional Swell or Settlement Potential of Cohesive Soils	12/01/1992
D4944 Determination of Moisture in Soils by Means of a Calcium Carbide Gas Pressure Moisture Tester	12/01/1992
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	12/01/1992

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	12/01/1992
R90	Sampling Aggregate	07/31/2025
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	12/01/1992
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	12/01/1992
T21	Organic Impurities in Fine Aggregates for Concrete	12/01/1992
T27	Sieve Analysis of Fine and Coarse Aggregates	12/01/1992
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	12/01/1992
T85	Specific Gravity and Absorption of Coarse Aggregate	12/01/1992
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	12/01/1992
T100 (Mineral Filler)	Specific Gravity of Mineral Filler on Asphalt Mixture Designs	07/31/2025
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	07/31/2025
T112	Clay Lumps and Friable Particles in Aggregate	12/01/1992
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	12/01/1992
T255	Total Moisture Content of Aggregate by Drying	12/01/1992
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	12/01/1992
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	01/09/2017
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	12/01/1992
C40	Organic Impurities in Fine Aggregates for Concrete	12/01/1992
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	07/31/2025
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	12/01/1992
C127	Specific Gravity and Absorption of Coarse Aggregate	12/01/1992
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	12/01/1992
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	12/01/1992

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Aggregate (Continued)

Standard:		Accredited Since:
C136	Sieve Analysis of Fine and Coarse Aggregates	12/01/1992
C142	Clay Lumps and Friable Particles in Aggregate	12/01/1992
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	01/09/2017
C566	Total Moisture Content of Aggregate by Drying	12/01/1992
C702	Reducing Samples of Aggregate to Testing Size	12/01/1992
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	12/01/1992
D75	Sampling Aggregate	07/31/2025
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	12/01/1992
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	12/01/1992
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	01/09/2017

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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	12/07/2018
R39	Making and Curing Concrete Test Specimens in the Laboratory	08/13/2021
R60	Sampling Freshly Mixed Concrete	12/01/1989
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	12/07/2018
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/07/2018
T22	Compressive Strength of Cylindrical Concrete Specimens	12/07/2018
T121	Density (Unit Weight), Yield, and Air Content of Concrete	12/01/1989
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	12/01/1989
T309	Temperature of Freshly Mixed Portland Cement Concrete	10/31/2013
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	12/07/2018
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/07/2018
C39	Compressive Strength of Cylindrical Concrete Specimens	12/07/2018
C138	Density (Unit Weight), Yield, and Air Content of Concrete	12/01/1989
C172	Sampling Freshly Mixed Concrete	12/01/1989
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	12/01/1989
C192	Making and Curing Concrete Test Specimens in the Laboratory	08/13/2021
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	12/07/2018
C1064	Temperature of Freshly Mixed Portland Cement Concrete	12/01/1989
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	12/01/1989
C1542	Measuring Length of Concrete Cores	08/13/2021

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