



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](https://www.aashtoresource.org)).



Jim Tymon,
AASHTO Executive Director



Matt Linneman,
AASHTO COMP Chair

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SCOPE OF AASHTO ACCREDITATION FOR:
ATL, Inc. dba CMT Technical Services (Arizona)
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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:

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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
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
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
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
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:

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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- μ m) 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- μ m (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- μ m (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