AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

CMT Technical Services, Inc.

in

West Valley City, Utah, 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	11/01/2001
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
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 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/02/2013
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 Binder

Standard:		Accredited Since:
R28	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	04/02/2012
R29	Grading or Verifying the Performance Grade of an Asphalt Binder	04/02/2012
T49	Penetration of Original Sample of Asphalt Cement	09/14/2022
T51	Ductility of Bituminous Materials	04/02/2012
T240	Rolling Thin-Film Oven Testing	04/02/2012
T301	Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	04/02/2012
T313	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	04/02/2012
T315	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	04/02/2012
T316	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	04/02/2012
T350	Multiple Stress Creep and Recovery (MSCR)	01/04/2017
D7405	Multiple Stress Creep and Recovery (MSCR)	04/02/2012

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Emulsified Asphalt

Standard:		Accredited Since:
T59	Cement Mixing	10/30/2014
T59	Demulsibility	04/02/2012
T59	Particle Charge	04/02/2012
T59	Residue by Distillation	04/02/2012
T59	Residue by Evaporation	12/10/2025
T59	Sieve Test	04/02/2012
T59-T72	Saybolt Furol Viscosity at 25°C (77°F)	04/02/2012
T59-T72	Saybolt Furol Viscosity at 50°C (122°F)	04/02/2012

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Asphalt Mixture

Standard:		Accredited Since:
R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	01/04/2017
R35	Superpave Volumetric Design for Hot Mix Asphalt (HMA)	01/04/2017
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	11/01/2001
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	11/01/2001
R97	Sampling Bituminous Paving Mixtures	09/14/2022
T30	Mechanical Analysis of Extracted Aggregate	11/01/2001
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	11/01/2001
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	11/01/2001
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	11/01/2001
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	11/01/2001
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	11/01/2001
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	11/01/2001
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	11/01/2001
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	04/02/2012
T355	Density of Bituminous Concrete In Place by Nuclear Methods	05/23/2019
D979	Sampling Bituminous Paving Mixtures	01/04/2017
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/02/2012
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/02/2012
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	11/01/2001
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/02/2012
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	09/14/2022
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	10/30/2014
D5444	Mechanical Analysis of Extracted Aggregate	04/02/2012

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Asphalt Mixture (Continued)

Standard:	Accredited Since:
D6307 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/02/2012
D6925 Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	04/02/2012
D6926 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	04/02/2012
D6927 Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	04/02/2012
D8159 Automated Extraction of Asphalt Binder from Asphalt Mixtures	12/10/2025

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/18/2002
T88	Particle Size Analysis of Soils by Hydrometer	12/18/2002
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	12/18/2002
T90	Plastic Limit of Soils (Atterberg Limits)	12/18/2002
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/18/2002
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/18/2002
T191	Density of Soil In-Place by the Sand Cone Method	04/02/2012
T193	The California Bearing Ratio	12/18/2002
T265	Laboratory Determination of Moisture Content of Soils	12/18/2002
T288	Minimum Soil Resistivity	10/30/2014
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	12/18/2002
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/18/2002
D422	Particle Size Analysis of Soils by Hydrometer	12/18/2002
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/18/2002
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	12/18/2002
D1556	Density of Soil In-Place by the Sand Cone Method	04/02/2012
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/18/2002
D1883	The California Bearing Ratio	10/30/2014
D2216	Laboratory Determination of Moisture Content of Soils	04/02/2012
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	12/18/2002
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	04/02/2012
D4318	Plastic Limit of Soils (Atterberg Limits)	04/02/2012
D4718	Oversize Particle Correction	10/30/2014

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Soil (Continued)

Standard:	Accredited Since:
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/02/2012

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	11/01/2001
R90	Sampling Aggregate	10/30/2014
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	11/01/2001
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	11/01/2001
T21	Organic Impurities in Fine Aggregates for Concrete	11/01/2001
T27	Sieve Analysis of Fine and Coarse Aggregates	11/01/2001
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	11/01/2001
T85	Specific Gravity and Absorption of Coarse Aggregate	11/01/2001
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	11/01/2001
T100 (Mineral Filler)	Specific Gravity of Mineral Filler on Asphalt Mixture Designs	05/23/2019
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	11/01/2001
T112	Clay Lumps and Friable Particles in Aggregate	11/01/2001
T113	Lightweight Pieces in Aggregate	04/02/2012
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	11/01/2001
T255	Total Moisture Content of Aggregate by Drying	11/01/2001
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	11/01/2001
T327	Resistance to Abrasion by Micro-Deval (Coarse Aggregate)	04/20/2017
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	10/30/2014
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	11/01/2001
C40	Organic Impurities in Fine Aggregates for Concrete	11/01/2001
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	11/01/2001
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	11/01/2001
C123	Lightweight Pieces in Aggregate	11/01/2001

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Aggregate (Continued)

Standard:		Accredited Since:
C127	Specific Gravity and Absorption of Coarse Aggregate	11/01/2001
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	11/01/2001
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	11/01/2001
C136	Sieve Analysis of Fine and Coarse Aggregates	11/01/2001
C142	Clay Lumps and Friable Particles in Aggregate	11/01/2001
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	11/01/2001
C566	Total Moisture Content of Aggregate by Drying	11/01/2001
C702	Reducing Samples of Aggregate to Testing Size	11/01/2001
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	04/02/2012
D75	Sampling Aggregate	10/30/2014
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	04/02/2012
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	11/01/2001
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	11/01/2001
D6928	Resistance to Abrasion by Micro-Deval (Coarse Aggregate)	12/10/2025

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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	04/02/2013
R39	Making and Curing Concrete Test Specimens in the Laboratory	11/01/2001
R60	Sampling Freshly Mixed Concrete	11/01/2001
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	11/01/2001
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/01/2001
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	07/10/2024
T22	Compressive Strength of Cylindrical Concrete Specimens	11/01/2001
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	04/02/2013
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/02/2013
T119	Slump of Hydraulic Cement Concrete	11/01/2001
T121	Density (Unit Weight), Yield, and Air Content of Concrete	11/01/2001
T148	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	07/10/2024
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	11/01/2001
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	04/02/2013
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	11/01/2001
T231 (10000 psi and below)	Capping Cylindrical Concrete Specimens	07/10/2024
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	04/02/2013
T309	Temperature of Freshly Mixed Portland Cement Concrete	04/02/2013
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	11/01/2001
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/01/2001
C39	Compressive Strength of Cylindrical Concrete Specimens	11/01/2001
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	11/01/2001
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	11/01/2001

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Concrete (Continued)

Standard:		Accredited Since:
C138	Density (Unit Weight), Yield, and Air Content of Concrete	11/01/2001
C143	Slump of Hydraulic Cement Concrete	11/01/2001
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	04/02/2013
C172	Sampling Freshly Mixed Concrete	11/01/2001
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	11/01/2001
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	07/10/2024
C192	Making and Curing Concrete Test Specimens in the Laboratory	11/01/2001
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	11/01/2001
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	07/10/2024
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/02/2013
C617 (10000 psi and below)	Capping Cylindrical Concrete Specimens	07/10/2024
C1064	Temperature of Freshly Mixed Portland Cement Concrete	11/01/2001
C1231 (9000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	07/10/2024
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	04/02/2013
C1293	Determination of Length Change of Concrete Due to Alkali-Silica Reaction	07/10/2024
C1542	Measuring Length of Concrete Cores	04/02/2016
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	04/02/2013

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Masonry

Standard:		Accredited Since:
C140 (Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	10/03/2024
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/03/2024
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	10/03/2024
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	10/03/2024
C780 (Annex 6 - Cylinders)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cylinders	10/03/2024
C1019	Sampling and Testing Grout	10/03/2024
C1314	Compressive Strength of Masonry Prisms	10/03/2024
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	10/03/2024

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