



# CERTIFICATE OF ACCREDITATION



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

A handwritten signature in black ink, appearing to read 'Jim Tymon', written over a horizontal line.

Jim Tymon,  
AASHTO Executive Director

A handwritten signature in black ink, appearing to read 'Matt Linneman', written over a horizontal line.

Matt Linneman,  
AASHTO COMP Chair

This certificate was generated on 04/03/2026 at 8:27 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://www.aashtoresource.org/aap/accreditation-directory)



# SCOPE OF AASHTO ACCREDITATION FOR:

CMT Technical Services, Inc.  
in West Valley City, Utah, USA

## 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- $\mu$ m) 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**

<b>Standard:</b>	<b>Accredited Since:</b>	
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)

<b>Standard:</b>		<b>Accredited Since:</b>
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**

<b>Standard:</b>		<b>Accredited Since:</b>
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)**

<b>Standard:</b>		<b>Accredited Since:</b>
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



# SCOPE OF AASHTO ACCREDITATION FOR:

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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