



AASHTO
ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION
OF STATE HIGHWAY AND
TRANSPORTATION OFFICIALS

AASHTO

Cesare, Inc. dba **CMT Technical Services (Colorado)**

in

Frederick, Colorado, 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:

Cesare, Inc. dba CMT Technical Services (Colorado)
in Frederick, Colorado, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/04/2018
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	05/23/2018
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	05/23/2018
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	02/04/2022
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	03/08/2019
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	04/10/2019
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/02/2021
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/08/2019
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/02/2021
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/10/2019



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Asphalt Mixture

Standard:

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R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	03/08/2019
T30	Mechanical Analysis of Extracted Aggregate	Suspended
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	03/08/2019
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/10/2019
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/10/2019
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/10/2019
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	03/08/2019
T355	Density of Bituminous Concrete In Place by Nuclear Methods	03/08/2019
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/10/2019
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	03/08/2019
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	03/08/2019
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/10/2019
D5444	Mechanical Analysis of Extracted Aggregate	Suspended
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	03/08/2019
CP-L 5115	HMA Superpave Gyrotory Compactor (Colorado)	03/08/2019



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Soil

Standard:

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R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/08/2019
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	03/08/2019
T90	Plastic Limit of Soils (Atterberg Limits)	03/08/2019
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	03/08/2019
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/08/2019
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	04/10/2019
T265	Laboratory Determination of Moisture Content of Soils	03/08/2019
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	03/08/2019
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/08/2019
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	03/08/2019
D1140	Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	03/08/2019
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/08/2019
D2216	Laboratory Determination of Moisture Content of Soils	03/08/2019
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	04/10/2019
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	03/08/2019
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	03/08/2019
D4318	Plastic Limit of Soils (Atterberg Limits)	03/08/2019
D4546	One-Dimensional Swell or Settlement Potential of Cohesive Soils	04/10/2019
D4718	Oversize Particle Correction	03/08/2019
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	03/08/2019



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Aggregate

Standard:

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R76	Reducing Samples of Aggregate to Testing Size	04/04/2018
R90	Sampling Aggregate	04/04/2018
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	04/04/2018
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	04/04/2018
T21	Organic Impurities in Fine Aggregates for Concrete	04/04/2018
T27	Sieve Analysis of Fine and Coarse Aggregates	04/04/2018
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/04/2018
T85	Specific Gravity and Absorption of Coarse Aggregate	04/04/2018
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/04/2018
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	04/04/2018
T112	Clay Lumps and Friable Particles in Aggregate	04/04/2018
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	04/04/2018
T255	Total Moisture Content of Aggregate by Drying	04/04/2018
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	12/11/2024
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	12/11/2024
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	04/04/2018
C40	Organic Impurities in Fine Aggregates for Concrete	04/04/2018
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	04/04/2018
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	04/04/2018
C127	Specific Gravity and Absorption of Coarse Aggregate	04/04/2018
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/04/2018
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/04/2018
C136	Sieve Analysis of Fine and Coarse Aggregates	04/04/2018



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Aggregate (Continued)

Standard:

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C142 Clay Lumps and Friable Particles in Aggregate	04/04/2018
C535 Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/04/2018
C566 Total Moisture Content of Aggregate by Drying	04/04/2018
C702 Reducing Samples of Aggregate to Testing Size	04/04/2018
C1252 Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	12/11/2024
D75 Sampling Aggregate	04/04/2018
D2419 Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	04/04/2018
D4791 Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	12/11/2024
D5821 Determining the Percentage of Fractured Particles in Coarse Aggregate	12/11/2024



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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	05/23/2018
R39	Making and Curing Concrete Test Specimens in the Laboratory	05/23/2018
R60	Sampling Freshly Mixed Concrete	04/04/2018
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	05/23/2018
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	05/23/2018
T22	Compressive Strength of Cylindrical Concrete Specimens	05/23/2018
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	05/23/2018
T119	Slump of Hydraulic Cement Concrete	04/04/2018
T121	Density (Unit Weight), Yield, and Air Content of Concrete	04/04/2018
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	04/04/2018
T198	Splitting Tensile Strength of Cylindrical Concrete Specimens	03/02/2021
T309	Temperature of Freshly Mixed Portland Cement Concrete	04/04/2018
T358	Surface Resistivity Indication of Concrete's Ability to Resist Chloride Ion Penetration	12/11/2024
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	05/23/2018
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	05/23/2018
C39	Compressive Strength of Cylindrical Concrete Specimens	05/23/2018
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	05/23/2018
C138	Density (Unit Weight), Yield, and Air Content of Concrete	04/04/2018
C143	Slump of Hydraulic Cement Concrete	04/04/2018
C172	Sampling Freshly Mixed Concrete	04/04/2018
C192	Making and Curing Concrete Test Specimens in the Laboratory	05/23/2018
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	04/04/2018
C496	Splitting Tensile Strength of Cylindrical Concrete Specimens	03/02/2021



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Concrete (Continued)

Standard:

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C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/23/2018
C1064	Temperature of Freshly Mixed Portland Cement Concrete	04/04/2018
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	04/04/2018