



CERTIFICATE OF ACCREDITATION



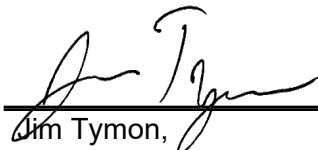
American Engineering Testing Inc. an American Consulting Services Inc. company

in

Saint Paul, Minnesota, 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:

American Engineering Testing Inc. an American Consulting Services Inc. company
in Saint Paul, Minnesota, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	06/15/1997
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	09/18/2014
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	09/18/2014
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	10/04/2012
C1222 (Cement)	Evaluation of Laboratories Testing Hydraulic Cement	01/10/2011
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	07/21/2014
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	07/21/2014
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	09/18/2014
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/21/2014
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/21/2014
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/18/2014
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/15/2024
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/18/2014



SCOPE OF AASHTO ACCREDITATION FOR:

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Asphalt Mixture

Standard:

Accredited Since:

R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	01/11/2013
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	03/22/2006
T30	Mechanical Analysis of Extracted Aggregate	03/22/2006
T164	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	03/22/2006
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	03/22/2006
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	03/22/2006
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	03/22/2006
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	03/22/2006
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	01/11/2013
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	03/22/2006
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	03/22/2006
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	12/11/2015
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	01/11/2013
T355	Density of Bituminous Concrete In Place by Nuclear Methods	05/31/2020
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	03/22/2006
D2172	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	03/22/2006
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	03/22/2006
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	01/11/2013
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	03/22/2006
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	05/31/2020
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	01/11/2013
D5444	Mechanical Analysis of Extracted Aggregate	03/22/2006
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	03/22/2006



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Asphalt Mixture (Continued)

Standard:**Accredited Since:**

D6925 Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	03/22/2006
D6926 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	03/22/2006
D6927 Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	03/22/2006
D6931 Indirect Tensile Strength (IDT)	01/11/2013



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/22/2006
T88	Particle Size Analysis of Soils by Hydrometer	03/22/2006
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	03/22/2006
T90	Plastic Limit of Soils (Atterberg Limits)	03/22/2006
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	03/22/2006
T100	Specific Gravity of Soils	01/11/2013
T134	Moisture-Density Relations of Soil-Cement Mixtures	01/11/2013
T135	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	12/31/2025
T136	Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	12/31/2025
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/22/2006
T190	Resistance R-Value and Expansion Pressure of Compacted Soils	04/18/2012
T191	Density of Soil In-Place by the Sand Cone Method	03/22/2006
T193	The California Bearing Ratio	03/22/2006
T208	Unconfined Compressive Strength of Cohesive Soil	03/22/2006
T215	Permeability of Granular Soils (Constant Head)	03/22/2006
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	03/22/2006
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	03/22/2006
T265	Laboratory Determination of Moisture Content of Soils	03/22/2006
T267	Determination of Organic Content in Soils by Loss on Ignition	01/11/2013
T288	Minimum Soil Resistivity	04/10/2023
T289	pH of Soils for Corrosion Testing	12/31/2025
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	03/22/2006
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	03/22/2006



SCOPE OF AASHTO ACCREDITATION FOR:

American Engineering Testing Inc. an American Consulting Services Inc. company
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Soil (Continued)

Standard:	Accredited Since:
T310 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	03/22/2006
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/22/2006
D422 Particle Size Analysis of Soils by Hydrometer	03/22/2006
D558 Moisture-Density Relations of Soil-Cement Mixtures	01/11/2013
D559 Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	12/31/2025
D560 Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	12/31/2025
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	03/22/2006
D854 Specific Gravity of Soils	01/11/2013
D1140 Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	03/22/2006
D1556 Density of Soil In-Place by the Sand Cone Method	03/22/2006
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/22/2006
D1633 Compressive Strength of Molded Soil-Cement Cylinders	12/31/2025
D1883 The California Bearing Ratio	03/22/2006
D2166 Unconfined Compressive Strength of Cohesive Soil	03/22/2006
D2216 Laboratory Determination of Moisture Content of Soils	03/22/2006
D2434 Permeability of Granular Soils (Constant Head)	03/22/2006
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	03/22/2006
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	03/22/2006
D2488 Description and Identification of Soils (Visual-Manual Procedure)	03/22/2006
D2844 Resistance R-Value and Expansion Pressure of Compacted Soils	04/18/2012
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	03/22/2006
D2974 Determination of Organic Content in Soils by Loss on Ignition	01/11/2013
D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions	03/22/2006



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Soil (Continued)

Standard:	Accredited Since:
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	03/22/2006
D4318 Plastic Limit of Soils (Atterberg Limits)	03/22/2006
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	03/22/2006
D4972 pH Testing of Soils	01/11/2013
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	03/22/2006
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	01/11/2013
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	03/22/2006
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	12/31/2025
G57 Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	04/10/2023
G187 Soil Resistivity Using the Two-Electrode Soil Box	04/10/2023



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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	06/12/2020
R90	Sampling Aggregate	06/12/2020
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	06/12/2020
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	06/12/2020
T21	Organic Impurities in Fine Aggregates for Concrete	06/12/2020
T27	Sieve Analysis of Fine and Coarse Aggregates	06/12/2020
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	06/12/2020
T85	Specific Gravity and Absorption of Coarse Aggregate	06/12/2020
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	06/12/2020
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	06/12/2020
T112	Clay Lumps and Friable Particles in Aggregate	06/12/2020
T113	Lightweight Pieces in Aggregate	06/12/2020
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	06/12/2020
T210	Aggregate Durability Index	01/11/2013
T255	Total Moisture Content of Aggregate by Drying	06/12/2020
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	06/12/2020
T327	Resistance to Abrasion by Micro-Deval (Coarse Aggregate)	01/04/2018
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	06/15/1997
C40	Organic Impurities in Fine Aggregates for Concrete	06/15/1997
C70	Surface Moisture in Fine Aggregate	09/01/2015
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	06/15/1997
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	06/15/1997
C123	Lightweight Pieces in Aggregate	06/15/1997



SCOPE OF AASHTO ACCREDITATION FOR:

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Aggregate (Continued)

Standard:	Accredited Since:
C127 Specific Gravity and Absorption of Coarse Aggregate	06/15/1997
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	06/15/1997
C131 Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	06/15/1997
C136 Sieve Analysis of Fine and Coarse Aggregates	06/15/1997
C142 Clay Lumps and Friable Particles in Aggregate	06/15/1997
C295 Petrographic Examination of Aggregates for Concrete	06/15/1997
C535 Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	06/15/1997
C566 Total Moisture Content of Aggregate by Drying	06/15/1997
C641 Iron Staining Materials in Lightweight Concrete Aggregates	09/01/2015
C702 Reducing Samples of Aggregate to Testing Size	06/15/1997
C1252 Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	06/15/1997
D75 Sampling Aggregate	09/01/2015
D2419 Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	06/15/1997
D3744 Aggregate Durability Index	01/11/2013
D4791 Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	06/15/1997
D5821 Determining the Percentage of Fractured Particles in Coarse Aggregate	06/15/1997
D6928 Resistance to Abrasion by Micro-Deval (Coarse Aggregate)	01/11/2013
D7428 Resistance to Abrasion by Micro-Deval (Fine Aggregate)	01/11/2013
CRD-C130 Estimating Scratch Test Hardness of Coarse Aggregate Particles	12/19/2023



SCOPE OF AASHTO ACCREDITATION FOR:

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Cementitious Material - Chemical Tests

Standard:

Accredited Since:

T105 Aluminum Oxide – X-Ray Fluorescence	09/09/2026
T105 Calcium Oxide – X-Ray Fluorescence	09/09/2026
T105 Ferric Oxide – X-Ray Fluorescence	09/09/2026
T105 Free Calcium Oxide – Alternative	09/09/2026
T105 Insoluble Residue – Reference	09/09/2026
T105 Loss on Ignition – Reference	09/09/2026
T105 Magnesium Oxide – X-Ray Fluorescence	09/09/2026
T105 Manganic Oxide – X-Ray Fluorescence	09/09/2026
T105 Phosphorus Pentoxide – X-Ray Fluorescence	09/09/2026
T105 Potassium Oxide – X-Ray Fluorescence	09/09/2026
T105 Silicon Dioxide – X-Ray Fluorescence	09/09/2026
T105 Sodium Oxide – X-Ray Fluorescence	09/09/2026
T105 Sulfur Trioxide – X-Ray Fluorescence	09/09/2026
T105 Titanium Dioxide – X-Ray Fluorescence	09/09/2026
T105 Zinc Oxide – X-Ray Fluorescence	09/09/2026
C114 Aluminum Oxide – X-Ray Fluorescence	09/01/2015
C114 Calcium Oxide – X-Ray Fluorescence	09/01/2015
C114 Ferric Oxide – X-Ray Fluorescence	09/01/2015
C114 Free Calcium Oxide – Alternative	09/09/2026
C114 Insoluble Residue – Reference	06/12/2020
C114 Loss on Ignition – Reference	12/19/2023
C114 Magnesium Oxide – X-Ray Fluorescence	09/01/2015
C114 Manganic Oxide – X-Ray Fluorescence	09/01/2015



SCOPE OF AASHTO ACCREDITATION FOR:

American Engineering Testing Inc. an American Consulting Services Inc. company
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Cementitious Material - Chemical Tests (Continued)

Standard:	Accredited Since:
C114 Phosphorus Pentoxide – X-Ray Fluorescence	09/01/2015
C114 Potassium Oxide – X-Ray Fluorescence	09/01/2015
C114 Silicon Dioxide – X-Ray Fluorescence	09/01/2015
C114 Sodium Oxide – X-Ray Fluorescence	09/01/2015
C114 Sulfur Trioxide – X-Ray Fluorescence	08/24/2017
C114 Titanium Dioxide – X-Ray Fluorescence	09/01/2015
C114 Zinc Oxide – X-Ray Fluorescence	08/24/2017



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Cement - Physical Tests

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/09/2026
R71	Sampling and the Amount of Testing of Hydraulic Cement	09/09/2026
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	09/09/2026
T105 (Loss on Ignition - Reference)	Loss on Ignition – Reference	09/09/2026
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	09/09/2026
T107	Autoclave Expansion of Hydraulic Cement	09/09/2026
T129	Normal Consistency of Hydraulic Cement	09/09/2026
T131	Time of Setting of Hydraulic Cement by Vicat Needle	09/09/2026
T133	Density of Hydraulic Cement	09/09/2026
T137	Air Content of Hydraulic Cement Mortar	09/09/2026
T153	Fineness of Hydraulic Cement by Air Permeability Apparatus	09/09/2026
T154	Time of Setting of Hydraulic-Cement Paste by Gillmore Needles	09/09/2026
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	09/09/2026
T186	Early Stiffening of Hydraulic Cement (Paste Method)	09/09/2026
T192	Fineness of Hydraulic Cement by the 45-µm (No. 325) Sieve	09/09/2026
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	02/21/2006
C114 (Loss on Ignition - Reference)	Loss on Ignition – Reference	08/24/2017
C151	Autoclave Expansion of Hydraulic Cement	02/21/2006
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	09/09/2026
C183	Sampling and the Amount of Testing of Hydraulic Cement	02/21/2006
C185	Air Content of Hydraulic Cement Mortar	02/21/2006
C187	Normal Consistency of Hydraulic Cement	02/21/2006
C188	Density of Hydraulic Cement	08/24/2017



SCOPE OF AASHTO ACCREDITATION FOR:

American Engineering Testing Inc. an American Consulting Services Inc. company
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Cement - Physical Tests (Continued)

Standard:		Accredited Since:
C191	Time of Setting of Hydraulic Cement by Vicat Needle	02/21/2006
C204	Fineness of Hydraulic Cement by Air Permeability Apparatus	02/21/2006
C266	Time of Setting of Hydraulic-Cement Paste by Gillmore Needles	02/21/2006
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	02/21/2006
C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	02/21/2006
C451	Early Stiffening of Hydraulic Cement (Paste Method)	02/21/2006
C452	Potential Expansion of Portland-Cement Mortars Exposed to Portland Cement	08/24/2017
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/01/2015
C596	Drying Shrinkage of Mortar Containing Hydraulic Cement	08/24/2017
C1012	Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution	09/01/2015
C1038	Expansion of Hydraulic Cement Mortar Bars Stored in Water	09/01/2015
C1437	Flow of Hydraulic Cement Mortar	02/21/2006
C1506	Water Retention of Hydraulic Cement-Based Mortars and Plasters	02/21/2006
C1702	Measurement of Heat of Hydration of Hydraulic Cementitious Materials Using Isothermal Conduction Calorimetry	06/12/2020



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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	12/19/2023
R39	Making and Curing Concrete Test Specimens in the Laboratory	12/19/2023
R60	Sampling Freshly Mixed Concrete	12/19/2023
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	12/19/2023
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/19/2023
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	12/19/2023
R119	Grinding the Ends of Cylindrical Concrete Specimens	09/09/2026
T22	Compressive Strength of Cylindrical Concrete Specimens	12/19/2023
T24 (Drilling Cores of Concrete)	Drilling Cores of Concrete	09/09/2026
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	04/26/2024
T71	Effect of Organic Impurities in Fine Aggregate on Strength of Mortar	06/12/2020
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	12/19/2023
T119	Slump of Hydraulic Cement Concrete	12/19/2023
T121	Density (Unit Weight), Yield, and Air Content of Concrete	12/19/2023
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	12/19/2023
T157	Air-Entraining Admixtures for Concrete	12/19/2023
T158	Bleeding of Concrete	12/19/2023
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	06/12/2020
T161	Resistance of Concrete to Rapid Freezing and Thawing	12/19/2023
T177	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)	12/19/2023
T178	Portland-Cement Content of Hardened Hydraulic-Cement Concrete	12/19/2023
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	12/19/2023
T197	Time of Setting of Concrete Mixtures by Penetration Resistance	12/19/2023



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Concrete (Continued)

Standard:		Accredited Since:
T198	Splitting Tensile Strength of Cylindrical Concrete Specimens	12/19/2023
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	09/09/2026
T276	Measuring Early-Age Compressive Strength and Projecting Later-Age Strength	06/12/2020
T277	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	12/19/2023
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	12/19/2023
T309	Temperature of Freshly Mixed Portland Cement Concrete	12/19/2023
T325	Estimating Concrete Strength by the Maturity Method	06/12/2020
T336	Coefficient of Thermal Expansion of Hydraulic Cement Concrete	08/24/2017
T345	Passing Ability of Self-Consolidating Concrete by J-Ring	09/09/2026
T347	Slump Flow of Self-Consolidating Concrete	12/19/2023
T358	Surface Resistivity Indication of Concrete's Ability to Resist Chloride Ion Penetration	06/12/2020
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	06/15/1997
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/15/1997
C39	Compressive Strength of Cylindrical Concrete Specimens	06/15/1997
C42 (Drilling Cores of Concrete)	Drilling Cores of Concrete	09/09/2026
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	09/01/2015
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	06/15/1997
C87	Effect of Organic Impurities in Fine Aggregate on Strength of Mortar	09/01/2015
C138	Density (Unit Weight), Yield, and Air Content of Concrete	06/15/1997
C143	Slump of Hydraulic Cement Concrete	06/15/1997
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	06/12/2020
C172	Sampling Freshly Mixed Concrete	06/15/1997
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	06/15/1997



SCOPE OF AASHTO ACCREDITATION FOR:

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Concrete (Continued)

Standard:		Accredited Since:
C192	Making and Curing Concrete Test Specimens in the Laboratory	06/15/1997
C215	Fundamental Transverse, Longitudinal and Torsional Frequencies of Concrete Specimens	06/15/1997
C227	Potential Alkali Reactivity of Cement-Aggregate Combinations (Mortar-Bar Method)	09/01/2015
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	06/15/1997
C232	Bleeding of Concrete	09/01/2015
C233	Air-Entraining Admixtures for Concrete	06/15/1997
C289	Potential Alkali-Silica Reactivity of Aggregates (Chemical Method)	09/01/2015
C293	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)	09/01/2015
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	12/19/2023
C341	Length Change of Cast, Drilled, or Sawed Specimens of Hydraulic-Cement Mortar and Concrete	09/01/2015
C403	Time of Setting of Concrete Mixtures by Penetration Resistance	06/15/1997
C457	Microscopical Determination of Parameters of the Air-Void System in Hardened Concrete	06/15/1997
C469	Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression	10/04/2012
C495	Compressive Strength of Lightweight Insulating Concrete	09/01/2015
C496	Splitting Tensile Strength of Cylindrical Concrete Specimens	10/04/2012
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/04/2012
C512	Creep of Concrete in Compression	09/01/2015
C567	Determining Density of Structural Lightweight Concrete	09/01/2015
C586	Potential Alkali Reactivity of Carbonate Rocks for Concrete Aggregates (Rock Cylinder Method)	09/01/2015
C597	Pulse Velocity Through Concrete	08/24/2017
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	09/09/2026
C642	Density, Absorption, and Voids in Hardened Concrete	06/15/1997
C666	Resistance of Concrete to Rapid Freezing and Thawing	06/15/1997



SCOPE OF AASHTO ACCREDITATION FOR:

American Engineering Testing Inc. an American Consulting Services Inc. company
in Saint Paul, Minnesota, USA

Concrete (Continued)

Standard:		Accredited Since:
C672	Scaling Resistance of Concrete Surfaces Exposed to De-icing Chemicals	06/15/1997
C684	Making, Accelerated Curing, and Testing Concrete Compression Test Specimens	08/24/2017
C803	Penetration Resistance of Hardened Concrete	06/12/2020
C827	Change in Height at Early Ages of Cylindrical Specimens of Cementitious Mixtures	08/24/2017
C856	Petrographic Examination of Hardened Concrete	06/12/2020
C876	Corrosion Potentials of Uncoated Reinforcing Steel in Concrete	12/19/2023
C882	Bond Strength of Epoxy-Resin Systems Used With Concrete By Slant Shear	09/01/2015
C918	Measuring Early-Age Compressive Strength and Projecting Later-Age Strength	06/12/2020
C939	Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method)	08/24/2017
C940	Expansion and Bleeding of Freshly Mixed Grouts for Preplaced-Aggregate Concrete in the Laboratory	08/24/2017
C942	Compressive Strength of Grouts for Preplaced-Aggregate Concrete in the Laboratory	08/24/2017
C944	Abrasion Resistance of Concrete or Mortar Surfaces by the Rotating-Cutter Method	12/19/2023
C953	Time of Setting of Grouts for Preplaced-Aggregate Concrete in the Laboratory	08/24/2017
C1064	Temperature of Freshly Mixed Portland Cement Concrete	06/15/1997
C1074	Estimating Concrete Strength by the Maturity Method	06/12/2020
C1084	Portland-Cement Content of Hardened Hydraulic-Cement Concrete	09/01/2015
C1090	Measuring Changes in Height of Cylindrical Specimens of Hydraulic-Cement Grout	08/24/2017
C1140 (Obtaining and Testing Specimens)	Preparing and Testing Specimens from Shotcrete Test Panels	08/24/2017
C1152	Acid-Soluble Chloride in Mortar and Concrete	10/04/2012
C1202	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	06/15/1997
C1218	Water-Soluble Chloride in Mortar and Concrete	06/15/1997
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	10/04/2012
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	06/15/1997



SCOPE OF AASHTO ACCREDITATION FOR:

American Engineering Testing Inc. an American Consulting Services Inc. company
in Saint Paul, Minnesota, USA

Concrete (Continued)

Standard:		Accredited Since:
C1293	Determination of Length Change of Concrete Due to Alkali-Silica Reaction	10/04/2012
C1437	Flow of Hydraulic Cement Mortar	12/19/2023
C1542	Measuring Length of Concrete Cores	09/01/2015
C1543	Determining the Penetration of Chloride Ion into Concrete by Ponding	08/24/2017
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	10/04/2012
C1581	Determining Age at Cracking and Induced Tensile Stress	06/12/2020
C1583	Tensile Strength of Concrete Surfaces and the Bond Strength or Tensile Strength of Concrete Repair and Overlay Materials by Direct Tension (Pull-off Method)	08/24/2017
C1604	Standard Test Method for Obtaining and Testing Drilled Cores of Shotcrete	08/24/2017
C1609	Flexural Performance of Fiber-Reinforced Concrete (Using Beam With Third-Point Loading)	09/09/2026
C1611	Slump Flow of Self-Consolidating Concrete	08/24/2017
C1621	Passing Ability of Self-Consolidating Concrete by J-Ring	08/24/2017
C1876	Bulk Electrical Resistivity or Bulk Conductivity of Concrete	12/19/2023
G109	Determining Effects of Chemical Admixtures on Corrosion of Embedded Steel Reinforcement in Concrete Exposed to Chloride Environments	06/12/2020



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in Saint Paul, Minnesota, USA

Dimension Stone

Standard:

Accredited Since:

C97	Absorption and Bulk Specific Gravity of Dimension Stone	08/24/2017
C99	Modulus of Rupture of Dimension Stone	08/24/2017
C170	Compressive Strength of Dimension Stone	08/24/2017
C880	Flexural Strength of Dimension Stone	08/24/2017
C1353	Abrasion Resistance of Dimension Stone Subjected to Foot Traffic Using a Rotary Platform Abraser	08/24/2017



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American Engineering Testing Inc. an American Consulting Services Inc. company
in Saint Paul, Minnesota, USA

Masonry

Standard:

Accredited Since:

M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/09/2026
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	09/09/2026
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	09/09/2026
T137	Air Content of Hydraulic Cement Mortar	09/09/2026
C67	Brick: Absorption	10/04/2012
C67	Brick: Capping	10/04/2012
C67	Brick: Compressive Strength	10/04/2012
C67	Brick: Initial Rate of Absorption	10/04/2012
C67	Brick: Measurement	10/04/2012
C67	Brick: Specimen Preparation	10/04/2012
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	10/04/2012
C140 (Full-Size Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	09/09/2026
C185	Air Content of Hydraulic Cement Mortar	10/04/2012
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	10/04/2012
C426	Linear Drying Shrinkage of Concrete Masonry Units	08/24/2017
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/04/2012
C531	Linear Shrinkage and Coefficient of Thermal Expansion of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes	08/24/2017
C579	Compressive Strength of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes	06/12/2020
C580	Flexural Strength and Modulus of Elasticity of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes	12/19/2023
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	08/24/2017
C780 (Annex 4)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Mortar Aggregate Ratio	08/24/2017
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	08/24/2017
C780 (Annex 6 - Cylinders)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cylinders	10/04/2012



SCOPE OF AASHTO ACCREDITATION FOR:

American Engineering Testing Inc. an American Consulting Services Inc. company
in Saint Paul, Minnesota, USA

Masonry (Continued)

Standard:		Accredited Since:
C1019	Sampling and Testing Grout	10/04/2012
C1262	Evaluating the Freeze-Thaw Durability of Dry-Cast Segmental Retaining Wall Units and Related Concrete Units	08/24/2017
C1314 (Prisms Constructed of Full-Size Concrete Masonry Units)	Compressive Strength of Masonry Prisms	09/09/2026
C1403	Rate of Water Absorption of Masonry Mortars	08/24/2017
C1437	Flow of Hydraulic Cement Mortar	10/04/2012
C1506	Water Retention of Hydraulic Cement-Based Mortars and Plasters	10/04/2012
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	10/04/2012
C1645	Freeze-thaw and De-icing Salt Durability of Solid Concrete Interlocking Paving Units	08/24/2017



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Pozzolan

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/09/2026
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	09/09/2026
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	09/09/2026
T107	Autoclave Expansion of Hydraulic Cement	09/09/2026
T129	Normal Consistency of Hydraulic Cement	09/09/2026
T133	Density of Hydraulic Cement	09/09/2026
T137	Air Content of Hydraulic Cement Mortar	09/09/2026
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	09/09/2026
T192	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	09/09/2026
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	09/01/2015
C151	Autoclave Expansion of Hydraulic Cement	09/01/2015
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	09/01/2015
C185	Air Content of Hydraulic Cement Mortar	09/01/2015
C187	Normal Consistency of Hydraulic Cement	09/01/2015
C188	Density of Hydraulic Cement	09/01/2015
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	09/01/2015
C311 (Loss on Ignition)	Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete (Loss on Ignition)	09/01/2015
C311 (Moisture Content)	Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete (Moisture Content)	09/09/2026
C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	09/01/2015
C441	Effectiveness of Pozzolans or Ground Blast-Furnace Slag in Preventing Excessive Expansion of Concrete Due to the Alkali-Silica Reaction	09/01/2015
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/01/2015
C1012	Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution	08/24/2017
C1437	Flow of Hydraulic Cement Mortar	09/01/2015



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Slag Cement

Standard:

Accredited Since:

M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/09/2026
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	09/09/2026
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	09/09/2026
T133	Density of Hydraulic Cement	09/09/2026
T137	Air Content of Hydraulic Cement Mortar	09/09/2026
T153	Fineness of Hydraulic Cement by Air Permeability Apparatus	09/09/2026
T192	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	09/09/2026
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	09/01/2015
C185	Air Content of Hydraulic Cement Mortar	09/01/2015
C188	Density of Hydraulic Cement	09/01/2015
C204	Fineness of Hydraulic Cement by Air Permeability Apparatus	09/01/2015
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	09/01/2015
C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	09/01/2015
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/01/2015
C1038	Expansion of Hydraulic Cement Mortar Bars Stored in Water	06/12/2020
C1437	Flow of Hydraulic Cement Mortar	09/01/2015



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American Engineering Testing Inc. an American Consulting Services Inc. company
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Ultra-High Performance Concrete (UHPC)

Standard:

Accredited Since:

C1856-C39	Compressive Strength of Cylindrical Ultra-High Performance Concrete Specimens	12/19/2023
C1856-C192 (Cylinders)	Making Ultra-High Performance Concrete Test Specimens in the Laboratory (Cylinders)	09/09/2026
C1856-C511	Curing Specimens of Ultra-High Performance Concrete	12/19/2023