



CERTIFICATE OF ACCREDITATION



Earth Engineering Consultants, LLC.

in

Windsor, 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).

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 05/24/2026 at 5:25 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:
Earth Engineering Consultants, LLC.
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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/15/1998
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	11/05/2024
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



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Asphalt Mixture

Standard:

Accredited Since:

R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	01/12/2022
T30	Mechanical Analysis of Extracted Aggregate	04/15/1998
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/15/1998
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/15/1998
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	01/12/2022
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/15/1998
T287	Asphalt Content of Bituminous Mixtures by the Nuclear Method	04/15/1998
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/15/1998
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	04/15/1998
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	01/12/2022



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Soil

Standard:

Accredited Since:

R58 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	11/01/2001
T88 Particle Size Analysis of Soils by Hydrometer	11/01/2001
T89 Determining the Liquid Limit of Soils (Atterberg Limits)	11/01/2001
T90 Plastic Limit of Soils (Atterberg Limits)	11/01/2001
T99 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	11/01/2001
T100 Specific Gravity of Soils	11/01/2001
T180 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	11/01/2001
T190 Resistance R-Value and Expansion Pressure of Compacted Soils	06/27/2012
T265 Laboratory Determination of Moisture Content of Soils	11/01/2001



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Aggregate

Standard:	Accredited Since:
R76 Reducing Samples of Aggregate to Testing Size	11/01/2001
T11 Materials Finer Than 75- μ m (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	11/05/2024
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
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
C131 Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	11/05/2024
C535 Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	11/05/2024



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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	11/05/2024
R60	Sampling Freshly Mixed Concrete	11/05/2024
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	11/05/2024
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/05/2024
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	11/05/2024
T22	Compressive Strength of Cylindrical Concrete Specimens	11/05/2024
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	11/05/2024
T119	Slump of Hydraulic Cement Concrete	11/05/2024
T121	Density (Unit Weight), Yield, and Air Content of Concrete	11/05/2024
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	11/05/2024
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	11/05/2024
T231 (8000 psi and below)	Capping Cylindrical Concrete Specimens	11/05/2024
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	11/05/2024
T309	Temperature of Freshly Mixed Portland Cement Concrete	11/05/2024
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	11/05/2024
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/05/2024
C39	Compressive Strength of Cylindrical Concrete Specimens	11/05/2024
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	11/05/2024
C138	Density (Unit Weight), Yield, and Air Content of Concrete	11/05/2024
C143	Slump of Hydraulic Cement Concrete	11/05/2024
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	11/05/2024
C172	Sampling Freshly Mixed Concrete	11/05/2024
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	11/05/2024



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Concrete (Continued)

Standard:		Accredited Since:
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	11/05/2024
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/05/2024
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	11/05/2024
C1064	Temperature of Freshly Mixed Portland Cement Concrete	11/05/2024
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	11/05/2024
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	11/05/2024