AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

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).

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	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-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	11/05/2024
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

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