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

This certificate was generated on 10/11/2024 at 8:59 AM 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
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
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