AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

SolTerra Engineering, Inc.

in

Riverton, Wyoming, 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	04/13/2017
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	05/10/2023
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
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/23/2016
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/23/2016

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Asphalt Mixture

Standard:		Accredited Since:
R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	12/14/2022
R35	Superpave Volumetric Design for Hot Mix Asphalt (HMA)	01/23/2026
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	03/10/2010
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	03/10/2010
R97	Sampling Bituminous Paving Mixtures	11/04/2022
T30	Mechanical Analysis of Extracted Aggregate	08/13/2012
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	03/10/2010
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	03/10/2010
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	09/14/2021
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	03/10/2010
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	03/10/2010
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	03/10/2010
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	09/23/2016
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	12/14/2022
T355	Density of Bituminous Concrete In Place by Nuclear Methods	12/14/2022
D979	Sampling Bituminous Paving Mixtures	03/21/2019
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	03/10/2010
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	03/10/2010
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	12/14/2022
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	03/10/2010
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	12/14/2022
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	03/10/2010
D5444	Mechanical Analysis of Extracted Aggregate	08/13/2012

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Asphalt Mixture (Continued)

Standard:	Accredited Since:
D6307 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	03/10/2010
D6925 Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	09/23/2016
D6926 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	03/10/2010
D6927 Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	09/14/2021

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/21/2019
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	08/13/2012
T90	Plastic Limit of Soils (Atterberg Limits)	08/13/2012
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	09/23/2016
T100	Specific Gravity of Soils	09/23/2016
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/21/2019
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	09/23/2016
D854	Specific Gravity of Soils	03/21/2019
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	08/13/2012
D4318	Plastic Limit of Soils (Atterberg Limits)	09/23/2016

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	03/10/2010
R90	Sampling Aggregate	03/21/2019
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	03/10/2010
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	03/10/2010
T21	Organic Impurities in Fine Aggregates for Concrete	08/13/2012
T27	Sieve Analysis of Fine and Coarse Aggregates	03/10/2010
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/10/2023
T85	Specific Gravity and Absorption of Coarse Aggregate	03/10/2010
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	03/21/2019
T100 (Mineral Filler)	Specific Gravity of Mineral Filler on Asphalt Mixture Designs	12/14/2022
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	03/10/2010
T112	Clay Lumps and Friable Particles in Aggregate	09/23/2016
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	03/10/2010
T255	Total Moisture Content of Aggregate by Drying	03/10/2010
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/15/2023
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	08/30/2014
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	03/10/2010
C40	Organic Impurities in Fine Aggregates for Concrete	08/13/2012
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	03/10/2010
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	03/10/2010
C127	Specific Gravity and Absorption of Coarse Aggregate	03/10/2010
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/10/2023
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	03/21/2019

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Aggregate (Continued)

Standard:		Accredited Since:
C136	Sieve Analysis of Fine and Coarse Aggregates	03/10/2010
C142	Clay Lumps and Friable Particles in Aggregate	09/23/2016
C566	Total Moisture Content of Aggregate by Drying	03/10/2010
C702	Reducing Samples of Aggregate to Testing Size	03/10/2010
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/15/2023
D75	Sampling Aggregate	03/21/2019
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	03/10/2010
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	03/10/2010
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	03/10/2010