AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Certerra Southwest, LLC

in

Salt Lake City, Utah, 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 05/22/2026 at 12:41 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Certerra Southwest, LLC

in Salt Lake City, Utah, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/09/2014
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	04/09/2014
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	04/09/2014
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	04/09/2014
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	04/09/2014
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	12/18/2018
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/09/2014
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/09/2014
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/09/2014
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/18/2018
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/09/2014

Scope of AASHTO Accreditation for:

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Asphalt Mixture

Standard:		Accredited Since:
R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	12/13/2024
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	04/09/2014
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	04/09/2014
R97	Sampling Bituminous Paving Mixtures	08/04/2022
T30	Mechanical Analysis of Extracted Aggregate	04/09/2014
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/09/2014
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/09/2014
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	04/09/2014
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/09/2014
T275	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	04/09/2014
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/09/2014
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	04/09/2014
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	02/27/2015
T355	Density of Bituminous Concrete In Place by Nuclear Methods	12/18/2018
D979	Sampling Bituminous Paving Mixtures	12/18/2018
D1188	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	02/13/2017
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/09/2014
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/09/2014
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	04/09/2014
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/09/2014
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	08/04/2022
D5444	Mechanical Analysis of Extracted Aggregate	04/09/2014
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/09/2014

Scope of AASHTO Accreditation for:

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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	04/09/2014
D6926 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	04/09/2014
D6927 Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	04/09/2014

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/09/2014
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	04/09/2014
T90	Plastic Limit of Soils (Atterberg Limits)	04/09/2014
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/09/2014
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/09/2014
T265	Laboratory Determination of Moisture Content of Soils	04/09/2014
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/09/2014
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/09/2014
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/09/2014
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	04/09/2014
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/09/2014
D2216	Laboratory Determination of Moisture Content of Soils	04/09/2014
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	04/09/2014
D2488	Description and Identification of Soils (Visual-Manual Procedure)	04/09/2014
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	04/09/2014
D4318	Plastic Limit of Soils (Atterberg Limits)	04/09/2014
D4718	Oversize Particle Correction	02/27/2015
D6913	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	12/18/2018
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/09/2014

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	04/09/2014
R90	Sampling Aggregate	02/27/2015
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	04/09/2014
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	04/09/2014
T21	Organic Impurities in Fine Aggregates for Concrete	04/09/2014
T27	Sieve Analysis of Fine and Coarse Aggregates	04/09/2014
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/09/2014
T85	Specific Gravity and Absorption of Coarse Aggregate	04/09/2014
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/09/2014
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	04/09/2014
T112	Clay Lumps and Friable Particles in Aggregate	12/18/2018
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	04/09/2014
T255	Total Moisture Content of Aggregate by Drying	04/09/2014
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	04/09/2014
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	02/27/2015
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	04/09/2014
C40	Organic Impurities in Fine Aggregates for Concrete	04/09/2014
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	04/09/2014
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	04/09/2014
C127	Specific Gravity and Absorption of Coarse Aggregate	04/09/2014
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/09/2014
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/09/2014
C136	Sieve Analysis of Fine and Coarse Aggregates	04/09/2014

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Aggregate (Continued)

Standard:	Accredited Since:
C142 Clay Lumps and Friable Particles in Aggregate	12/18/2018
C566 Total Moisture Content of Aggregate by Drying	04/09/2014
C702 Reducing Samples of Aggregate to Testing Size	04/09/2014
C1252 Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	04/09/2014
D75 Sampling Aggregate	02/27/2015
D2419 Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	04/09/2014
D5821 Determining the Percentage of Fractured Particles in Coarse Aggregate	04/09/2014

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Sprayed Fire-Resistive Material

Standard:	Accredited Since:
E605 Thickness and Density of Sprayed Fire-Resistive Material(SFRM) Applied to Structural Members	04/09/2014
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	04/09/2014

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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	04/09/2014
R39	Making and Curing Concrete Test Specimens in the Laboratory	10/05/2015
R60	Sampling Freshly Mixed Concrete	04/09/2014
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	04/09/2014
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/09/2014
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	07/19/2024
T22	Compressive Strength of Cylindrical Concrete Specimens	04/09/2014
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/09/2014
T119	Slump of Hydraulic Cement Concrete	04/09/2014
T121	Density (Unit Weight), Yield, and Air Content of Concrete	04/09/2014
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	04/09/2014
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	04/09/2014
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	07/19/2024
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	04/07/2021
T309	Temperature of Freshly Mixed Portland Cement Concrete	04/09/2014
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	04/09/2014
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/09/2014
C39	Compressive Strength of Cylindrical Concrete Specimens	04/09/2014
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/09/2014
C138	Density (Unit Weight), Yield, and Air Content of Concrete	04/09/2014
C143	Slump of Hydraulic Cement Concrete	04/09/2014
C172	Sampling Freshly Mixed Concrete	04/09/2014
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	04/09/2014

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Concrete (Continued)

Standard:		Accredited Since:
C192	Making and Curing Concrete Test Specimens in the Laboratory	04/09/2014
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	04/09/2014
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	07/19/2024
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/09/2014
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	07/19/2024
C1064	Temperature of Freshly Mixed Portland Cement Concrete	04/09/2014
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	04/09/2014
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	04/07/2021
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	04/07/2021

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Masonry

Standard:	Accredited Since:
C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/05/2021
C1019 Sampling and Testing Grout	04/09/2014