AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

BSK Associates

in

Livermore, California, 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	07/08/2008
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	12/23/2013
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	10/04/2013
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	10/10/2014
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/07/2017
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/07/2017
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	09/29/2011
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/23/2013
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/07/2017
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/04/2013
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/18/2021
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/18/2012
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/08/2021

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Asphalt Mixture

Standard:		Accredited Since:
R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	12/08/2021
R35	Superpave Volumetric Design for Hot Mix Asphalt (HMA)	12/08/2021
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	08/07/2017
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	08/07/2017
R97	Sampling Bituminous Paving Mixtures	12/08/2021
T30	Mechanical Analysis of Extracted Aggregate	08/07/2017
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	08/07/2017
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	08/07/2017
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	08/07/2017
T246	Resistance to Deformation and Cohesion of Bituminous Mixtures by Means of Hveem Apparatus	08/07/2017
T247	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	08/07/2017
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	08/07/2017
T275	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	08/07/2017
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	08/07/2017
T305	Draindown Characteristics of HMA	12/08/2021
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	08/07/2017
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	08/07/2017
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	08/07/2017
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	08/07/2017
T355	Density of Bituminous Concrete In Place by Nuclear Methods	09/30/2019
D979	Sampling Bituminous Paving Mixtures	09/30/2019
D1188	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	12/08/2021
D1560 (Stability)	Resistance to Deformation of Bituminous Mixtures by Means of Hveem Apparatus	08/07/2017

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Asphalt Mixture (Continued)

Standard:		Accredited Since:
D1561	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	08/07/2017
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	11/18/2012
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	08/07/2017
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	11/18/2012
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	11/18/2012
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	12/08/2021
D3665	Random Sampling of Construction Materials	09/30/2019
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	08/07/2017
D5444	Mechanical Analysis of Extracted Aggregate	08/07/2017
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	08/07/2017
D6390	Draindown Characteristics of HMA	12/08/2021
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	08/07/2017
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	08/07/2017
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	08/07/2017
D6931	Indirect Tensile Strength (IDT)	12/08/2021
D8225	Determination of Cracking Tolerance Index of Asphalt Mixture Using the Indirect Tensile Cracking Test at Intermediate Temperature	08/29/2024

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	08/07/2017
T88	Particle Size Analysis of Soils by Hydrometer	08/07/2017
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	08/07/2017
T90	Plastic Limit of Soils (Atterberg Limits)	08/07/2017
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	08/07/2017
T134	Moisture-Density Relations of Soil-Cement Mixtures	12/08/2021
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	08/07/2017
T190	Resistance R-Value and Expansion Pressure of Compacted Soils	08/07/2017
T191	Density of Soil In-Place by the Sand Cone Method	08/07/2017
T265	Laboratory Determination of Moisture Content of Soils	08/07/2017
T267	Determination of Organic Content in Soils by Loss on Ignition	08/29/2024
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	08/07/2017
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	07/08/2008
D422	Particle Size Analysis of Soils by Hydrometer	11/18/2012
D558	Moisture-Density Relations of Soil-Cement Mixtures	12/08/2021
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	07/08/2008
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	07/08/2008
D1556	Density of Soil In-Place by the Sand Cone Method	11/18/2012
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/08/2008
D2216	Laboratory Determination of Moisture Content of Soils	07/08/2008
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	07/08/2008
D2488	Description and Identification of Soils (Visual-Manual Procedure)	07/08/2008
D2844	Resistance R-Value and Expansion Pressure of Compacted Soils	08/07/2017

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Soil (Continued)

Standard:	Accredited Since:
D2974 Determination of Organic Content in Soils by Loss on Ignition	08/29/2024
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	07/08/2008
D4318 Plastic Limit of Soils (Atterberg Limits)	07/08/2008
D4643 Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	08/07/2017
D4718 Oversize Particle Correction	08/29/2024
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	07/08/2008

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	08/07/2017
R90	Sampling Aggregate	08/07/2017
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	08/07/2017
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	12/08/2021
T21	Organic Impurities in Fine Aggregates for Concrete	08/07/2017
T27	Sieve Analysis of Fine and Coarse Aggregates	08/07/2017
T37	Sieve Analysis of Mineral Filler for Road and Paving Materials	12/08/2021
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	08/07/2017
T85	Specific Gravity and Absorption of Coarse Aggregate	08/07/2017
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	08/07/2017
T100 (Mineral Filler)	Specific Gravity of Mineral Filler on Asphalt Mixture Designs	12/08/2021
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	08/07/2017
T112	Clay Lumps and Friable Particles in Aggregate	08/07/2017
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	08/07/2017
T210	Aggregate Durability Index	08/07/2017
T255	Total Moisture Content of Aggregate by Drying	08/07/2017
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	08/07/2017
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	08/07/2017
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	12/08/2021
C40	Organic Impurities in Fine Aggregates for Concrete	07/08/2008
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	08/07/2017
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	07/08/2008
C127	Specific Gravity and Absorption of Coarse Aggregate	07/08/2008

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Aggregate (Continued)

Standard:		Accredited Since:
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	07/08/2008
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	08/07/2017
C136	Sieve Analysis of Fine and Coarse Aggregates	12/23/2013
C142	Clay Lumps and Friable Particles in Aggregate	08/07/2017
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	08/07/2017
C566	Total Moisture Content of Aggregate by Drying	07/08/2008
C702	Reducing Samples of Aggregate to Testing Size	07/08/2008
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	08/07/2017
D75	Sampling Aggregate	11/18/2012
D546	Sieve Analysis of Mineral Filler for Road and Paving Materials	12/08/2021
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	11/18/2012
D3744	Aggregate Durability Index	08/07/2017
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	08/07/2017
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	08/07/2017

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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	09/30/2019
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	09/30/2019

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Iron and Steel

Standard:	Accredited Since:
M31-T244 Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	11/18/2021
M31-T244 Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	11/18/2021
M31-T244 Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	11/18/2021
M31-T285 Carbon-Steel Bars, Deformed and Plain: Bend Test	11/18/2021
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	05/24/2016
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	05/24/2016
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	05/24/2016
A615-E290 Carbon-Steel Bars, Deformed and Plain: Bend Test	05/24/2016
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Elongation)	10/10/2014
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	10/10/2014
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Yield Strength)	10/10/2014
A706-E290 Low Alloy Steel Bars, Deformed and Plain: Bend Test	10/10/2014

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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	11/18/2021
R39	Making and Curing Concrete Test Specimens in the Laboratory	03/10/2025
R60	Sampling Freshly Mixed Concrete	11/18/2021
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	11/18/2021
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/18/2021
T22	Compressive Strength of Cylindrical Concrete Specimens	11/18/2021
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	03/10/2025
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	11/18/2021
T119	Slump of Hydraulic Cement Concrete	11/18/2021
T121	Density (Unit Weight), Yield, and Air Content of Concrete	11/18/2021
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	11/18/2021
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	11/18/2021
T231 (8000 psi and below)	Capping Cylindrical Concrete Specimens	03/10/2025
T309	Temperature of Freshly Mixed Portland Cement Concrete	11/18/2021
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	10/10/2014
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	10/10/2014
C39	Compressive Strength of Cylindrical Concrete Specimens	07/14/2008
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	03/10/2025
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	10/10/2014
C138	Density (Unit Weight), Yield, and Air Content of Concrete	07/14/2008
C143	Slump of Hydraulic Cement Concrete	07/14/2008
C172	Sampling Freshly Mixed Concrete	07/14/2008
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	07/14/2008

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Concrete (Continued)

Standard:		Accredited Since:
C192	Making and Curing Concrete Test Specimens in the Laboratory	03/10/2025
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	07/14/2008
C495	Compressive Strength of Lightweight Insulating Concrete	03/10/2025
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/10/2014
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	03/10/2025
C1064	Temperature of Freshly Mixed Portland Cement Concrete	07/14/2008
C1140 (Obtaining and Testing Specimens)	Preparing and Testing Specimens from Shotcrete Test Panels	03/10/2025
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	02/01/2011
C1542	Measuring Length of Concrete Cores	03/10/2025
C1604	Standard Test Method for Obtaining and Testing Drilled Cores of Shotcrete	03/10/2025

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Controlled Low Strength Material (CLSM)

Standard:	Accredited Since:
D4832 Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders	03/10/2025
D5971 Sampling Freshly Mixed Controlled Low-Strength Material (CLSM)	03/10/2025

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Masonry

Standard:		Accredited Since:
C140 (Reduced-Size Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	05/12/2025
C426	Linear Drying Shrinkage of Concrete Masonry Units	03/10/2025
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/10/2014
C1019	Sampling and Testing Grout	10/10/2014
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	10/10/2014

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