



CERTIFICATE OF ACCREDITATION



BSK Associates

in

Bakersfield, 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](https://www.aashtoresource.org)).

A handwritten signature in black ink, appearing to read 'Jim Tymon', written over a horizontal line.

Jim Tymon,
AASHTO Executive Director

A handwritten signature in black ink, appearing to read 'Moe Jamshidi', written over a horizontal line.

Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 01/25/2024 at 3:32 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://www.aashtoresource.org/aap/accreditation-directory)



SCOPE OF AASHTO ACCREDITATION FOR:

BSK Associates

in Bakersfield, California, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	08/05/2008
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	10/03/2014
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
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	10/03/2014
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/31/2012
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/31/2012
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/31/2016
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/03/2014



SCOPE OF AASHTO ACCREDITATION FOR:

BSK Associates

in Bakersfield, California, USA

Asphalt Mixture

Standard:	Accredited Since:	
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	10/07/2019
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	10/07/2019
T30	Mechanical Analysis of Extracted Aggregate	11/15/2019
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	10/07/2019
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	11/15/2019
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	11/15/2019
T246	Resistance to Deformation and Cohesion of Bituminous Mixtures by Means of Hveem Apparatus	11/01/2022
T247	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	11/01/2022
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/07/2019
T275	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	11/15/2019
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	11/15/2019
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	11/15/2019
D1188	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	10/07/2019
D1560 (Stability)	Resistance to Deformation of Bituminous Mixtures by Means of Hveem Apparatus	11/01/2022
D1561	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	11/01/2022
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	10/31/2012
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	10/07/2019
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/07/2019
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	11/01/2022
D5444	Mechanical Analysis of Extracted Aggregate	10/07/2019
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	08/05/2008
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	10/07/2019
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	10/07/2019



SCOPE OF AASHTO ACCREDITATION FOR:
 BSK Associates
 in Bakersfield, California, USA

Soil

Standard:	Accredited Since:
R58 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/07/2019
T89 Determining the Liquid Limit of Soils (Atterberg Limits)	10/07/2019
T90 Plastic Limit of Soils (Atterberg Limits)	10/07/2019
T99 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	11/15/2019
T180 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	11/15/2019
T190 Resistance R-Value and Expansion Pressure of Compacted Soils	11/15/2019
T191 Density of Soil In-Place by the Sand Cone Method	10/07/2019
T265 Laboratory Determination of Moisture Content of Soils	10/07/2019
T310 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	11/15/2019
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	08/05/2008
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	08/05/2008
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	08/05/2008
D1556 Density of Soil In-Place by the Sand Cone Method	10/07/2019
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	08/05/2008
D2216 Laboratory Determination of Moisture Content of Soils	08/05/2008
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	08/05/2008
D2488 Description and Identification of Soils (Visual-Manual Procedure)	08/05/2008
D2844 Resistance R-Value and Expansion Pressure of Compacted Soils	11/15/2019
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	08/05/2008
D4318 Plastic Limit of Soils (Atterberg Limits)	08/05/2008
D4643 Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	11/01/2022
D4829 Expansion Index of Soils	10/31/2012
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	10/07/2019



SCOPE OF AASHTO ACCREDITATION FOR:

BSK Associates

in Bakersfield, California, USA

Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	10/25/2018
R90	Sampling Aggregate	10/25/2018
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	10/25/2018
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	10/25/2018
T21	Organic Impurities in Fine Aggregates for Concrete	10/25/2018
T27	Sieve Analysis of Fine and Coarse Aggregates	10/25/2018
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/25/2018
T85	Specific Gravity and Absorption of Coarse Aggregate	10/25/2018
T112	Clay Lumps and Friable Particles in Aggregate	10/25/2018
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/25/2018
T210	Aggregate Durability Index	10/07/2019
T255	Total Moisture Content of Aggregate by Drying	10/25/2018
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	10/25/2018
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	10/25/2018
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	08/05/2008
C40	Organic Impurities in Fine Aggregates for Concrete	08/05/2008
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	08/05/2008
C127	Specific Gravity and Absorption of Coarse Aggregate	08/05/2008
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	08/05/2008
C136	Sieve Analysis of Fine and Coarse Aggregates	08/05/2008
C142	Clay Lumps and Friable Particles in Aggregate	08/05/2008
C566	Total Moisture Content of Aggregate by Drying	08/05/2008
C702	Reducing Samples of Aggregate to Testing Size	08/05/2008



SCOPE OF AASHTO ACCREDITATION FOR:

BSK Associates

in Bakersfield, California, USA

Aggregate (Continued)

Standard:

Accredited Since:

C1252 Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	10/31/2012
D75 Sampling Aggregate	10/05/2015
D2419 Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	08/05/2008
D3744 Aggregate Durability Index	10/07/2019
D5821 Determining the Percentage of Fractured Particles in Coarse Aggregate	10/25/2018



SCOPE OF AASHTO ACCREDITATION FOR:
 BSK Associates
 in Bakersfield, California, USA

Concrete

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/25/2018
R60	Sampling Freshly Mixed Concrete	10/25/2018
R100	Making and Curing Concrete Test Specimens in the Field	10/25/2018
T22	Compressive Strength of Cylindrical Concrete Specimens	10/25/2018
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	10/25/2018
T119	Slump of Hydraulic Cement Concrete	10/25/2018
T121	Density (Unit Weight), Yield, and Air Content of Concrete	10/25/2018
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	10/25/2018
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	10/25/2018
T231 (6000 psi and below)	Capping Cylindrical Concrete Specimens	05/02/2022
T309	Temperature of Freshly Mixed Portland Cement Concrete	10/25/2018
C31	Making and Curing Concrete Test Specimens in the Field	10/25/2018
C39	Compressive Strength of Cylindrical Concrete Specimens	02/05/2009
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	10/25/2018
C138	Density (Unit Weight), Yield, and Air Content of Concrete	02/05/2009
C143	Slump of Hydraulic Cement Concrete	02/05/2009
C172	Sampling Freshly Mixed Concrete	02/05/2009
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/05/2009
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	02/05/2009
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/27/2013
C617 (6000 psi and below)	Capping Cylindrical Concrete Specimens	05/02/2022
C1064	Temperature of Freshly Mixed Portland Cement Concrete	02/05/2009
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	02/05/2009