



# CERTIFICATE OF ACCREDITATION



## BSK Associates


in

## Fresno, 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)).

  
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Jim Tymon,  
AASHTO Executive Director

  
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Moe Jamshidi,  
AASHTO COMP Chair

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# SCOPE OF AASHTO ACCREDITATION FOR:

BSK Associates

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## Quality Management System

### Standard:

### Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	03/04/2020
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	09/18/2020
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	10/27/2021
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	09/18/2020
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	12/08/2020
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	12/08/2020
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/18/2020
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/08/2020
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/27/2021
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/08/2020



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## Asphalt Mixture

### Standard:

### Accredited Since:

R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	09/18/2020
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	09/18/2020
T30	Mechanical Analysis of Extracted Aggregate	09/18/2020
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	05/24/2023
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	09/18/2020
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	09/18/2020
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	09/18/2020
T275	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	09/18/2020
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	09/18/2020
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	09/18/2020
T355	Density of Bituminous Concrete In Place by Nuclear Methods	05/24/2023
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	09/18/2020
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	05/24/2023
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	09/18/2020
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	09/18/2020
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	09/18/2020
D5444	Mechanical Analysis of Extracted Aggregate	09/18/2020
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	09/18/2020
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	09/18/2020
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	09/18/2020



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## Soil

### Standard:

### Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	09/18/2020
T88	Particle Size Analysis of Soils by Hydrometer	09/18/2020
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	09/18/2020
T90	Plastic Limit of Soils (Atterberg Limits)	09/18/2020
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	09/18/2020
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	09/18/2020
T191	Density of Soil In-Place by the Sand Cone Method	09/18/2020
T265	Laboratory Determination of Moisture Content of Soils	05/24/2023
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	09/18/2020
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	09/18/2020
D422	Particle Size Analysis of Soils by Hydrometer	09/18/2020
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	09/18/2020
D1140	Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	05/24/2023
D1556	Density of Soil In-Place by the Sand Cone Method	09/18/2020
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	09/18/2020
D2216	Laboratory Determination of Moisture Content of Soils	05/24/2023
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	05/24/2023
D2488	Description and Identification of Soils (Visual-Manual Procedure)	05/24/2023
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	09/18/2020
D4318	Plastic Limit of Soils (Atterberg Limits)	09/18/2020
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	09/18/2020



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**Aggregate**

**Standard:**

**Accredited Since:**

R76	Reducing Samples of Aggregate to Testing Size	09/15/2021
R90	Sampling Aggregate	05/24/2023
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	09/18/2020
T27	Sieve Analysis of Fine and Coarse Aggregates	09/18/2020
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	09/18/2020
T85	Specific Gravity and Absorption of Coarse Aggregate	09/18/2020
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	05/24/2023
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	09/18/2020
T255	Total Moisture Content of Aggregate by Drying	09/15/2021
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	09/18/2020
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	09/18/2020
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	09/18/2020
C127	Specific Gravity and Absorption of Coarse Aggregate	09/18/2020
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	09/18/2020
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	05/24/2023
C136	Sieve Analysis of Fine and Coarse Aggregates	09/18/2020
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	05/24/2023
C566	Total Moisture Content of Aggregate by Drying	09/15/2021
C702	Reducing Samples of Aggregate to Testing Size	09/15/2021
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	09/18/2020
D75	Sampling Aggregate	05/24/2023
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	09/18/2020
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	09/18/2020



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## Aggregate (Continued)

**Standard:**

**Accredited Since:**

D5821 Determining the Percentage of Fractured Particles in Coarse Aggregate

09/18/2020



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## Iron and Steel

### Standard:

### Accredited Since:

A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	03/04/2020
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	03/04/2020
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	03/04/2020
A615-E290 Carbon-Steel Bars, Deformed and Plain: Bend Test	03/04/2020
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Elongation)	03/04/2020
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	03/04/2020
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Yield Strength)	03/04/2020
A706-E290 Low Alloy Steel Bars, Deformed and Plain: Bend Test	03/04/2020



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## Concrete

### Standard:

### Accredited Since:

C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	03/04/2020
C39	Compressive Strength of Cylindrical Concrete Specimens	03/04/2020
C138	Density (Unit Weight), Yield, and Air Content of Concrete	09/15/2021
C143	Slump of Hydraulic Cement Concrete	03/04/2020
C172	Sampling Freshly Mixed Concrete	03/04/2020
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	03/04/2020
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	09/15/2021
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	03/04/2020
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	09/15/2021
C1064	Temperature of Freshly Mixed Portland Cement Concrete	03/04/2020
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	03/04/2020





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## Masonry

**Standard:**

**Accredited Since:**

C140 (Concrete Masonry Units) Sampling and Testing Concrete Masonry Units and Related Units	03/04/2020
C1552 Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	03/04/2020