



# CERTIFICATE OF ACCREDITATION



## Behnke Materials Engineering, LLC

in

### Beloit, Wisconsin, 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 'Matt Linneman', written over a horizontal line.

Matt Linneman,  
AASHTO COMP Chair

This certificate was generated on 04/08/2026 at 1:38 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:

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## Quality Management System

### Standard:

### Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	06/24/2014
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	12/01/2021
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	05/29/2020
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	03/20/2019
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	03/20/2019



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## Asphalt Mixture

### Standard:

### Accredited Since:

R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	10/12/2021
R35	Superpave Volumetric Design for Hot Mix Asphalt (HMA)	06/11/2019
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	10/12/2021
R97	Sampling Bituminous Paving Mixtures	10/12/2021
T30	Mechanical Analysis of Extracted Aggregate	05/13/2016
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	06/24/2014
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	06/24/2014
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	06/24/2014
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	10/31/2024
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	06/24/2014
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	10/05/2018
T355	Density of Bituminous Concrete In Place by Nuclear Methods	06/11/2019
D979	Sampling Bituminous Paving Mixtures	06/11/2019
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	03/20/2019
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	03/20/2019
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	06/11/2019
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	03/20/2019
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	10/31/2024
D3665	Random Sampling of Construction Materials	06/11/2019
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	10/31/2024
D5444	Mechanical Analysis of Extracted Aggregate	03/20/2019
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	03/20/2019
D8159	Automated Extraction of Asphalt Binder from Asphalt Mixtures	10/12/2021



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## Soil

### Standard:

### Accredited Since:

T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	06/11/2019
T100	Specific Gravity of Soils	06/11/2019
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/11/2019
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	06/11/2019
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	06/11/2019
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/11/2019
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	06/11/2019



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**Aggregate**

<b>Standard:</b>		<b>Accredited Since:</b>
R76	Reducing Samples of Aggregate to Testing Size	06/11/2019
R90	Sampling Aggregate	06/11/2019
T11	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	06/24/2014
T27	Sieve Analysis of Fine and Coarse Aggregates	06/24/2014
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	06/24/2014
T85	Specific Gravity and Absorption of Coarse Aggregate	06/24/2014
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/05/2018
T100 (Mineral Filler)	Specific Gravity of Mineral Filler on Asphalt Mixture Designs	10/12/2021
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	10/05/2018
T113 (Coarse Aggregate Only)	Lightweight Pieces in Aggregate (Coarse Aggregate Only)	10/12/2021
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	03/20/2019
C117	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	03/20/2019
C127	Specific Gravity and Absorption of Coarse Aggregate	03/20/2019
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/20/2019
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	03/20/2019
C136	Sieve Analysis of Fine and Coarse Aggregates	03/20/2019
C702	Reducing Samples of Aggregate to Testing Size	06/11/2019
D75	Sampling Aggregate	06/11/2019



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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	05/29/2020
R60	Sampling Freshly Mixed Concrete	12/05/2019
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	05/29/2020
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	05/29/2020
T22	Compressive Strength of Cylindrical Concrete Specimens	05/29/2020
T24 (Drilling Cores of Concrete)	Drilling Cores of Concrete	05/03/2023
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	05/03/2023
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	05/29/2020
T119	Slump of Hydraulic Cement Concrete	12/05/2019
T121	Density (Unit Weight), Yield, and Air Content of Concrete	12/05/2019
T148	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	05/03/2023
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	12/05/2019
T309	Temperature of Freshly Mixed Portland Cement Concrete	12/05/2019
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	05/29/2020
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	05/29/2020
C39	Compressive Strength of Cylindrical Concrete Specimens	05/29/2020
C42 (Drilling Cores of Concrete)	Drilling Cores of Concrete	05/03/2023
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	05/03/2023
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	05/29/2020
C138	Density (Unit Weight), Yield, and Air Content of Concrete	12/05/2019
C143	Slump of Hydraulic Cement Concrete	12/05/2019
C172	Sampling Freshly Mixed Concrete	12/05/2019
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	05/03/2023



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## Concrete (Continued)

**Standard:**

**Accredited Since:**

C231	Air Content of Freshly Mixed Concrete by the Pressure Method	12/05/2019
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/29/2020
C1064	Temperature of Freshly Mixed Portland Cement Concrete	12/05/2019
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	05/29/2020