



CERTIFICATE OF ACCREDITATION



Bowser-Morner, Inc.

in

Birmingham, Alabama, 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).

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 08/06/2020 at 8:21 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Bowser-Morner, Inc.

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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	10/25/2013
	ISO/IEC 17025 General Requirements for the Competence of Testing and Calibration Laboratories	10/25/2013



SCOPE OF AASHTO ACCREDITATION FOR:

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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/25/2013
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	10/25/2013
T90	Plastic Limit of Soils (Atterberg Limits)	10/25/2013
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/25/2013
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/25/2013
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/25/2013
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/25/2013
D1140	Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	10/25/2013
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/25/2013
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	10/25/2013
D4318	Plastic Limit of Soils (Atterberg Limits)	10/25/2013
D6913	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	06/22/2016



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Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	10/25/2013
R90	Sampling Aggregate	10/25/2013
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	10/25/2013
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	10/25/2013
T21	Organic Impurities in Fine Aggregates for Concrete	10/25/2013
T27	Sieve Analysis of Fine and Coarse Aggregates	10/25/2013
T37	Sieve Analysis of Mineral Filler for Road and Paving Materials	10/25/2013
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/25/2013
T85	Specific Gravity and Absorption of Coarse Aggregate	10/25/2013
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/25/2013
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	10/25/2013
T112	Clay Lumps and Friable Particles in Aggregate	10/25/2013
T113	Lightweight Pieces in Aggregate	10/25/2013
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/25/2013
T255	Total Moisture Content of Aggregate by Drying	10/25/2013
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	10/25/2013
T327	Resistance to Abrasion by Micro-Deval (Coarse Aggregate)	10/21/2014
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	10/25/2013
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	10/25/2013
C40	Organic Impurities in Fine Aggregates for Concrete	10/25/2013
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	10/25/2013
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	10/25/2013
C123	Lightweight Pieces in Aggregate	10/25/2013



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Aggregate (Continued)

Standard:	Accredited Since:
C127 Specific Gravity and Absorption of Coarse Aggregate	10/25/2013
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/25/2013
C131 Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/25/2013
C136 Sieve Analysis of Fine and Coarse Aggregates	10/25/2013
C142 Clay Lumps and Friable Particles in Aggregate	10/25/2013
C535 Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/25/2013
C566 Total Moisture Content of Aggregate by Drying	10/25/2013
C702 Reducing Samples of Aggregate to Testing Size	10/25/2013
C1252 Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	10/25/2013
D75 Sampling Aggregate	10/25/2013
D546 Sieve Analysis of Mineral Filler for Road and Paving Materials	10/25/2013
D2419 Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/25/2013
D4791 Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	10/25/2013
D5821 Determining the Percentage of Fractured Particles in Coarse Aggregate	10/25/2013
D6928 Resistance to Abrasion by Micro-Deval (Coarse Aggregate)	10/21/2014
D7428 Resistance to Abrasion by Micro-Deval (Fine Aggregate)	10/21/2014



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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	12/06/2019
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	12/06/2019
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	12/11/2015
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	10/25/2013
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	10/25/2013