

ACCREDITATION



Bowser-Morner, Inc.

in

Toledo, Ohio, 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).

AASHTO Executive Director

Moe Jamshidi,

AASHTO COMP Chair

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Bowser-Morner, Inc. in Toledo, Ohio, USA

Quality Management System

Standard:	Acc	redited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	05/01/1996
ISO/IEC 17025	General Requirements for the Competence of Testing and Calibration Laboratories	06/15/2002
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	08/16/2013
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	08/16/2013
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/16/2013
D3666 (Asphalt Mixture	e) Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/16/2013
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Constructio	on 08/16/2013
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/16/2013
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/16/2013
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/16/2013
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/16/2013



Bowser-Morner, Inc. in Toledo, Ohio, USA

Asphalt Mixture

Standard:		Accredited Since:
T30	Mechanical Analysis of Extracted Aggregate	05/01/1996
T164	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	05/01/1996
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	07/08/2024
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/01/1996
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	05/01/1996
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/01/1996
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/01/1996
D2172	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	05/01/1996
D2726 (Cores	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	07/08/2024
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/01/1996
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	01/15/2021
D5444	Mechanical Analysis of Extracted Aggregate	05/01/1996
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	05/01/1996



Bowser-Morner, Inc. in Toledo, Ohio, USA

Soil

R58Dry Preparation of Disturbed Soil Aggregate Samples for Test05/01/1997T88Particle Size Analysis of Soils by Hydrometer05/01/1997T89Determining the Liquid Limit of Soils (Atterberg Limits)05/01/1997T99Plastic Limit of Soils (Atterberg Limits)05/01/1997T99The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop05/01/1997T100Specific Gravity of Soils05/01/1997T120Unconfined Compressive Strength of Cohesive Soil05/01/1997T265Laboratory Determination of Moisture Content of Soils05/01/1997T267Determination of Organic Content in Soils by Loss on Ingrition05/01/1997T268Determination of Organic Content in Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)05/01/1997D421Dry Preparation of Disturbed Soil and Soil-Aggregate Samples for Test05/01/1997D422Particle Size Analysis of Soils by Hydrometer05/01/1997D434Particle Size Analysis of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop05/01/1997D455Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop05/01/1997D456Specific Gravity of Soils05/01/1997D457Determination of Organic Content of Soils Qualified Soil Classification System)05/01/1997D458Laboratory Determination of Moisture Content of Soils05/01/1997D4594Elaboratory Determination of Moisture Content of Soils05/01/1997D4481Laboratory Determination of Orga	Standard:	Accredited Since:
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D4318 Plastic Limit of Soils (Atterberg Limits)		05/01/1997
	D4318 Plastic Limit of Soils (Atterberg Limits)	05/01/1997



Bowser-Morner, Inc. in Toledo, Ohio, USA

Soil (Continued)

Standard:

Accredited Since:

D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)

05/01/1997



Bowser-Morner, Inc. in Toledo, Ohio, USA

Aggregate

Standard:	Accredited Since:
R76 Reducing Samples of Aggregate to Testing Size	05/01/1997
R90 Sampling Aggregate	01/15/2021
T11 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	05/01/1997
T19 Bulk Density ("Unit Weight") and Voids in Aggregate	05/01/1997
T27 Sieve Analysis of Fine and Coarse Aggregates	05/01/1997
T37 Sieve Analysis of Mineral Filler for Road and Paving Materials	08/30/2018
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/01/1997
T85 Specific Gravity and Absorption of Coarse Aggregate	05/01/1997
T96 Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	05/01/1997
T255 Total Moisture Content of Aggregate by Drying	05/01/1997
C29 Bulk Density ("Unit Weight") and Voids in Aggregate	05/01/1997
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	05/01/1997
C127 Specific Gravity and Absorption of Coarse Aggregate	05/01/1997
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/01/1997
C131 Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	05/01/1997
C136 Sieve Analysis of Fine and Coarse Aggregates	05/01/1997
C566 Total Moisture Content of Aggregate by Drying	05/01/1997
C702 Reducing Samples of Aggregate to Testing Size	05/01/1997
D75 Sampling Aggregate	01/15/2021
D546 Sieve Analysis of Mineral Filler for Road and Paving Materials	08/30/2018



Standard:

SCOPE OF AASHTO ACCREDITATION FOR:

Bowser-Morner, Inc. in Toledo, Ohio, USA

Sprayed Fire-Resistive Material

E605 Thickness and Density of Sprayed Fire-Resistive Material(SFRM) Applied to Structural Members

Accredited Since:

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

12/01/2011 12/01/2011



Bowser-Morner, Inc. in Toledo, Ohio, USA

Concrete

Standard:		Accredited Since:	
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/22/2014	
R39	Making and Curing Concrete Test Specimens in the Laboratory	02/23/2017	
R60	Sampling Freshly Mixed Concrete	02/23/2017	
R100 (Beams)	Making and Curing Concrete Beam Test Specimens in the Field	10/22/2014	
R100 (Cylinders)	Making and Curing Concrete Cylinder Test Specimens in the Field	10/22/2014	
T22	Compressive Strength of Cylindrical Concrete Specimens	02/01/2013	
T24	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	10/22/2014	
Т97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	02/01/2013	
T119	Slump of Hydraulic Cement Concrete	02/01/2013	
T121	Density (Unit Weight), Yield, and Air Content of Concrete	02/01/2013	
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	02/01/2013	
T177	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)	06/04/2019	
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/01/2013	
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	10/22/2014	
T277	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	02/01/2013	
T309	Temperature of Freshly Mixed Portland Cement Concrete	02/01/2013	
C31 (Beams)	Making and Curing Concrete Beam Test Specimens in the Field	05/01/1997	
C31 (Cylinders)	Making and Curing Concrete Cylinder Test Specimens in the Field	05/01/1997	
C39	Compressive Strength of Cylindrical Concrete Specimens	05/01/1997	
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	10/22/2014	
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	05/01/1997	
C138	Density (Unit Weight), Yield, and Air Content of Concrete	05/01/1997	
C143	Slump of Hydraulic Cement Concrete	05/01/1997	
		12.3171007	



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Concrete (Continued)

Standard:		Accredited Since:
C172	Sampling Freshly Mixed Concrete	05/01/1997
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	05/01/1997
C192	Making and Curing Concrete Test Specimens in the Laboratory	05/01/1997
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	05/01/1997
C293	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)	06/04/2019
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/01/2012
C617 (7000 psi and below)		05/01/2012
C1064	Temperature of Freshly Mixed Portland Cement Concrete	05/01/1997
C1202	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	05/01/1997
C1231 (7000 psi and below) Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	05/01/2012
C1542	Measuring Length of Concrete Cores	10/22/2014



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Masonry

Standard:	Accredited Since:
M201 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	07/26/2022
C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	07/26/2022
C1019 Sampling and Testing Grout	07/26/2022