



CERTIFICATE OF 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).



Jim Tymon,
AASHTO Executive Director



Moe Jamshidi,
AASHTO COMP Chair

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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	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)	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 Construction	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



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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



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	05/01/1997
T88	Particle Size Analysis of Soils by Hydrometer	05/01/1997
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	05/01/1997
T90	Plastic Limit of Soils (Atterberg Limits)	05/01/1997
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	05/01/1997
T100	Specific Gravity of Soils	05/01/1997
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/01/1997
T208	Unconfined Compressive Strength of Cohesive Soil	05/01/1997
T265	Laboratory Determination of Moisture Content of Soils	05/01/1997
T267	Determination of Organic Content in Soils by Loss on Ignition	12/01/2011
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	05/01/1997
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	05/01/1997
D422	Particle Size Analysis of Soils by Hydrometer	05/01/1997
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	05/01/1997
D854	Specific Gravity of Soils	05/01/1997
D1140	Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	05/01/1997
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/01/1997
D2166	Unconfined Compressive Strength of Cohesive Soil	05/01/1997
D2216	Laboratory Determination of Moisture Content of Soils	05/01/1997
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	05/01/1997
D2974	Determination of Organic Content in Soils by Loss on Ignition	12/01/2011
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	05/01/1997
D4318	Plastic Limit of Soils (Atterberg Limits)	05/01/1997



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Soil (Continued)

Standard:

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

Accredited Since:

05/01/1997



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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- μ m (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- μ m (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



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Sprayed Fire-Resistive Material

Standard:

Accredited Since:

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

12/01/2011

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

12/01/2011



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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	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
T97	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



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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) Capping Cylindrical Concrete Specimens	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