



CERTIFICATE OF ACCREDITATION



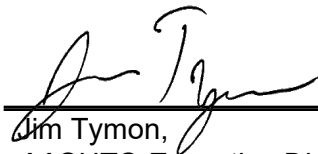
ABNA Engineering, Inc.

in

St. Louis, Missouri, 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



Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 10/27/2026 at 2:39 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

ABNA Engineering, Inc.

in St. Louis, Missouri, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	03/04/2005
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	Suspended
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	01/10/2011
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	Suspended
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/06/2015
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/30/2019



SCOPE OF AASHTO ACCREDITATION FOR:

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Asphalt Mixture

Standard:

Accredited Since:

R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	01/30/2012
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	08/15/2016
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	01/30/2012
T355	Density of Bituminous Concrete In Place by Nuclear Methods	02/14/2019
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	08/15/2016
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	01/30/2012



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/04/2005
T88	Particle Size Analysis of Soils by Hydrometer	03/04/2005
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	03/04/2005
T90	Plastic Limit of Soils (Atterberg Limits)	03/04/2005
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	03/04/2005
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/04/2005
T265	Laboratory Determination of Moisture Content of Soils	03/04/2005
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	03/04/2005
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/04/2005
D422	Particle Size Analysis of Soils by Hydrometer	03/04/2005
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	03/04/2005
D1140	Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	03/04/2005
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/04/2005
D2216	Laboratory Determination of Moisture Content of Soils	03/04/2005
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	03/04/2005
D2488	Description and Identification of Soils (Visual-Manual Procedure)	03/04/2005
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	03/04/2005
D4318	Plastic Limit of Soils (Atterberg Limits)	03/04/2005
D5084	Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	02/26/2014
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	03/04/2005



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Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	01/30/2012
R90	Sampling Aggregate	02/12/2014
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	01/30/2012
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	04/18/2005
T21	Organic Impurities in Fine Aggregates for Concrete	01/30/2012
T27	Sieve Analysis of Fine and Coarse Aggregates	01/30/2012
T37	Sieve Analysis of Mineral Filler for Road and Paving Materials	01/30/2012
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	Suspended
T85	Specific Gravity and Absorption of Coarse Aggregate	01/30/2012
T112	Clay Lumps and Friable Particles in Aggregate	01/30/2012
T255	Total Moisture Content of Aggregate by Drying	01/30/2012
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	02/12/2014
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	04/18/2005
C40	Organic Impurities in Fine Aggregates for Concrete	04/18/2005
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	04/18/2005
C127	Specific Gravity and Absorption of Coarse Aggregate	04/18/2005
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	Suspended
C136	Sieve Analysis of Fine and Coarse Aggregates	04/18/2005
C142	Clay Lumps and Friable Particles in Aggregate	01/30/2012
C566	Total Moisture Content of Aggregate by Drying	04/18/2005
C702	Reducing Samples of Aggregate to Testing Size	04/18/2005
D75	Sampling Aggregate	02/12/2014
D546	Sieve Analysis of Mineral Filler for Road and Paving Materials	01/30/2012



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in St. Louis, Missouri, USA

Aggregate (Continued)

Standard:	Accredited Since:
D4791 Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	04/18/2005
D5821 Determining the Percentage of Fractured Particles in Coarse Aggregate	01/30/2012



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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

08/04/2021

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

08/04/2021



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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	11/03/2023
R60	Sampling Freshly Mixed Concrete	09/15/2023
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	11/03/2023
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/03/2023
T22	Compressive Strength of Cylindrical Concrete Specimens	11/03/2023
T24 (Drilling Cores of Concrete)	Drilling Cores of Concrete	09/15/2023
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	09/15/2023
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	11/03/2023
T119	Slump of Hydraulic Cement Concrete	09/15/2023
T121	Density (Unit Weight), Yield, and Air Content of Concrete	09/15/2023
T148	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	11/03/2023
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	09/15/2023
T177	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)	09/15/2023
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	09/15/2023
T198	Splitting Tensile Strength of Cylindrical Concrete Specimens	09/15/2023
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	05/28/2026
T309	Temperature of Freshly Mixed Portland Cement Concrete	09/15/2023
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	04/18/2005
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/18/2005
C39	Compressive Strength of Cylindrical Concrete Specimens	04/18/2005
C42 (Drilling Cores of Concrete)	Drilling Cores of Concrete	04/18/2005
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	04/18/2005
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/18/2005



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Concrete (Continued)

Standard:		Accredited Since:
C138	Density (Unit Weight), Yield, and Air Content of Concrete	04/18/2005
C143	Slump of Hydraulic Cement Concrete	04/18/2005
C172	Sampling Freshly Mixed Concrete	04/18/2005
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	04/18/2005
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	04/18/2005
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	04/18/2005
C293	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)	09/21/2012
C496	Splitting Tensile Strength of Cylindrical Concrete Specimens	09/21/2012
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/13/2012
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	05/28/2026
C805	Rebound Number of Hardened Concrete	04/18/2005
C1064	Temperature of Freshly Mixed Portland Cement Concrete	04/18/2005
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	09/21/2012



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Controlled Low Strength Material (CLSM)

Standard:

Accredited Since:

D4832 Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders

11/06/2017

D5971 Sampling Freshly Mixed Controlled Low-Strength Material (CLSM)

11/06/2017



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Masonry

Standard:

Accredited Since:

C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	03/25/2020
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	03/25/2020
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	03/25/2020