



CERTIFICATE OF ACCREDITATION



Froehling & Robertson, Incorporated

in

Charlotte, North Carolina, 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 04/22/2026 at 2:48 AM 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	01/16/2019
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/16/2019
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	02/22/2019
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	04/19/2019
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/16/2019
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/22/2019
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/19/2019



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Soil

Standard:

Accredited Since:

D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/19/2019
D422 Particle Size Analysis of Soils by Hydrometer	04/19/2019
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/19/2019
D1140 Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	04/19/2019
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/19/2019
D2216 Laboratory Determination of Moisture Content of Soils	04/19/2019
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	08/22/2024
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	04/19/2019
D4318 Plastic Limit of Soils (Atterberg Limits)	04/19/2019
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/19/2019



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Aggregate

Standard:	Accredited Since:
R76 Reducing Samples of Aggregate to Testing Size	01/16/2019
T11 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	01/16/2019
T21 Organic Impurities in Fine Aggregates for Concrete	01/16/2019
T27 Sieve Analysis of Fine and Coarse Aggregates	01/16/2019
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/16/2019
T85 Specific Gravity and Absorption of Coarse Aggregate	01/16/2019
T255 Total Moisture Content of Aggregate by Drying	01/16/2019
C40 Organic Impurities in Fine Aggregates for Concrete	01/16/2019
C117 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	01/16/2019
C127 Specific Gravity and Absorption of Coarse Aggregate	01/16/2019
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/16/2019
C136 Sieve Analysis of Fine and Coarse Aggregates	01/16/2019
C566 Total Moisture Content of Aggregate by Drying	01/16/2019
C702 Reducing Samples of Aggregate to Testing Size	01/16/2019



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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	02/22/2019
R60	Sampling Freshly Mixed Concrete	02/22/2019
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	02/22/2019
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/22/2019
T22	Compressive Strength of Cylindrical Concrete Specimens	02/22/2019
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	02/22/2019
T119	Slump of Hydraulic Cement Concrete	02/22/2019
T121	Density (Unit Weight), Yield, and Air Content of Concrete	02/22/2019
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	02/22/2019
T231 (5000 psi and below)	Capping Cylindrical Concrete Specimens	01/16/2019
T309	Temperature of Freshly Mixed Portland Cement Concrete	02/22/2019
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	02/22/2019
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/22/2019
C39	Compressive Strength of Cylindrical Concrete Specimens	02/22/2019
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	02/22/2019
C138	Density (Unit Weight), Yield, and Air Content of Concrete	01/16/2019
C143	Slump of Hydraulic Cement Concrete	01/16/2019
C172	Sampling Freshly Mixed Concrete	01/16/2019
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	01/16/2019
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	02/22/2019
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	01/16/2019
C1064	Temperature of Freshly Mixed Portland Cement Concrete	01/16/2019
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	01/16/2019



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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	02/22/2019
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	01/16/2019
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	02/22/2019
C780 (Annex 6 - Cylinders)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cylinders	02/22/2019