AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Froehling & Robertson, Inc.

in

Chesapeake, Virginia, 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 02/19/2026 at 9:06 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Froehling & Robertson, Inc.

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Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	03/01/2002
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	09/06/2011
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	02/02/2017
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/06/2011
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/06/2011
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/09/2013
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/09/2013
E329 (Steel Inspection)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/01/2018

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Asphalt Mixture

Standard:		Accredited Since:
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	11/17/2020
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	11/17/2020

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Soil

Standard:	Accredited Since:
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/30/2003
D422 Particle Size Analysis of Soils by Hydrometer	**Suspended**
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/30/2003
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	01/30/2003
D1556 Density of Soil In-Place by the Sand Cone Method	11/17/2020
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/30/2003
D1883 The California Bearing Ratio	01/30/2003
D2216 Laboratory Determination of Moisture Content of Soils	01/30/2003
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	01/30/2003
D2488 Description and Identification of Soils (Visual-Manual Procedure)	01/30/2003
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	01/30/2003
D4318 Plastic Limit of Soils (Atterberg Limits)	01/30/2003
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	05/01/2018
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/30/2003

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Aggregate

Standard:	Accredited Since:
C29 Bulk Density (“Unit Weight”) and Voids in Aggregate	09/06/2011
C40 Organic Impurities in Fine Aggregates for Concrete	03/01/2002
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	03/01/2002
C127 Specific Gravity and Absorption of Coarse Aggregate	03/01/2002
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/01/2002
C136 Sieve Analysis of Fine and Coarse Aggregates	03/01/2002
C566 Total Moisture Content of Aggregate by Drying	03/01/2002
C702 Reducing Samples of Aggregate to Testing Size	03/01/2002
D75 Sampling Aggregate	06/16/2014

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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	04/09/2013
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	04/09/2013

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Iron and Steel

Standard:		Accredited Since:
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	11/18/2016
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	11/18/2016
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	11/18/2016
A615-E290	Carbon-Steel Bars, Deformed and Plain: Bend Test	09/06/2011
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Elongation)	11/08/2021
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	11/08/2021
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Yield Strength)	11/08/2021
A706-E290	Low Alloy Steel Bars, Deformed and Plain: Bend Test	11/08/2021
F3125	Externally Threaded Fasteners (Bolts): Rotational Capacity	05/01/2018

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Concrete

Standard:		Accredited Since:
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	03/01/2002
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	03/01/2002
C39	Compressive Strength of Cylindrical Concrete Specimens	03/01/2002
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	03/01/2002
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	03/01/2002
C138	Density (Unit Weight), Yield, and Air Content of Concrete	03/01/2002
C143	Slump of Hydraulic Cement Concrete	03/01/2002
C172	Sampling Freshly Mixed Concrete	03/01/2002
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	03/01/2002
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	09/06/2011
C192	Making and Curing Concrete Test Specimens in the Laboratory	09/06/2011
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	03/01/2002
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/06/2011
C617 (6000 psi and below)	Capping Cylindrical Concrete Specimens	11/08/2021
C1064	Temperature of Freshly Mixed Portland Cement Concrete	03/01/2002
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	09/06/2011
C1611	Slump Flow of Self-Consolidating Concrete	09/06/2011
C1621	Passing Ability of Self-Consolidating Concrete by J-Ring	08/26/2025

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Masonry

Standard:		Accredited Since:
C140 (Reduced-Size Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	07/24/2025
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/16/2014
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	01/24/2019
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	09/06/2011
C1019	Sampling and Testing Grout	09/06/2011
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	09/06/2011