



# CERTIFICATE OF ACCREDITATION



## Froehling & Robertson, Incorporated

in

### Raleigh, 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 06/12/2026 at 1:40 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:

Froehling & Robertson, Incorporated  
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## Quality Management System

### Standard:

### Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	01/26/2009
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	04/27/2017
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	03/19/2019
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	07/20/2015
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/19/2019
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/20/2015



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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)

02/28/2017



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## Soil

### Standard:

### Accredited Since:

D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/26/2009
D422	Particle Size Analysis of Soils by Hydrometer	01/26/2009
D558	Moisture-Density Relations of Soil-Cement Mixtures	11/18/2022
D559	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	10/07/2024
D560	Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	10/07/2024
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/26/2009
D854	Specific Gravity of Soils	04/03/2017
D1140	Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	01/26/2009
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/26/2009
D1633	Compressive Strength of Molded Soil-Cement Cylinders	11/18/2022
D1883	The California Bearing Ratio	01/26/2009
D2166	Unconfined Compressive Strength of Cohesive Soil	01/26/2009
D2216	Laboratory Determination of Moisture Content of Soils	01/26/2009
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	01/26/2009
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	01/26/2009
D2488	Description and Identification of Soils (Visual-Manual Procedure)	01/26/2009
D2850	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	01/26/2009
D2974	Determination of Organic Content in Soils by Loss on Ignition	06/03/2019
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	01/26/2009
D4318	Plastic Limit of Soils (Atterberg Limits)	01/26/2009
D4767	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	01/26/2009
D4972	pH Testing of Soils	11/18/2022
D5084	Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	01/26/2009



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## Soil (Continued)

**Standard:**

**Accredited Since:**

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

11/18/2022



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## Aggregate

### Standard:

### Accredited Since:

C117 Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	01/26/2009
C127 Specific Gravity and Absorption of Coarse Aggregate	01/26/2009
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/26/2009
C136 Sieve Analysis of Fine and Coarse Aggregates	04/27/2017
C702 Reducing Samples of Aggregate to Testing Size	10/31/2024
D75 Sampling Aggregate	10/31/2024



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## Concrete

<b>Standard:</b>		<b>Accredited Since:</b>
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	09/29/2025
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/03/2009
C39	Compressive Strength of Cylindrical Concrete Specimens	02/03/2009
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	09/29/2025
C138	Density (Unit Weight), Yield, and Air Content of Concrete	02/03/2009
C143	Slump of Hydraulic Cement Concrete	02/03/2009
C172	Sampling Freshly Mixed Concrete	02/03/2009
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/03/2009
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	02/03/2009
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/27/2014
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	09/06/2011
C1064	Temperature of Freshly Mixed Portland Cement Concrete	02/03/2009
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	09/06/2011