AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Froehling & Robertson, Incorporated

in

Dulles, 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

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Scope of AASHTO Accreditation for:

Froehling & Robertson, Incorporated

in Dulles, Virginia, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	05/05/2011
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	06/11/2014
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	06/11/2014
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011

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Soil

Standard:	Accredited Since:
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/01/1999
D422 Particle Size Analysis of Soils by Hydrometer	12/01/1999
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/01/1999
D854 Specific Gravity of Soils	12/01/1999
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	12/01/1999
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/01/1999
D1883 The California Bearing Ratio	12/01/1999
D2216 Laboratory Determination of Moisture Content of Soils	12/01/1999
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	05/05/2011
D2488 Description and Identification of Soils (Visual-Manual Procedure)	12/01/1999
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	12/01/1999
D4318 Plastic Limit of Soils (Atterberg Limits)	12/01/1999
D4718 Oversize Particle Correction	08/14/2026
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	08/14/2026
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	05/05/2011
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	08/14/2026

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Aggregate

Standard:	Accredited Since:
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	12/01/1999
C127 Specific Gravity and Absorption of Coarse Aggregate	12/01/1999
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	12/01/1999
C136 Sieve Analysis of Fine and Coarse Aggregates	06/11/2014
C566 Total Moisture Content of Aggregate by Drying	12/01/1999
C702 Reducing Samples of Aggregate to Testing Size	12/01/1999
D75 Sampling Aggregate	02/26/2013

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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	07/06/2021
R60	Sampling Freshly Mixed Concrete	07/06/2021
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	07/06/2021
T22	Compressive Strength of Cylindrical Concrete Specimens	07/06/2021
T119	Slump of Hydraulic Cement Concrete	07/06/2021
T121	Density (Unit Weight), Yield, and Air Content of Concrete	07/06/2021
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	07/06/2021
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	07/06/2021
T309	Temperature of Freshly Mixed Portland Cement Concrete	07/06/2021
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	01/01/2000
C39	Compressive Strength of Cylindrical Concrete Specimens	01/01/2000
C138	Density (Unit Weight), Yield, and Air Content of Concrete	01/01/2000
C143	Slump of Hydraulic Cement Concrete	01/01/2000
C172	Sampling Freshly Mixed Concrete	01/01/2000
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	01/01/2000
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	01/01/2000
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	02/09/2012
C1064	Temperature of Freshly Mixed Portland Cement Concrete	01/01/2000
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	01/19/2012

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