AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

Froehling & Robertson, Incorporated

in

Fredericksburg, 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 Fredericksburg, Virginia, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	11/26/2013
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	12/16/2013
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	11/26/2013
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	12/16/2013
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/16/2016
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/26/2013
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/16/2016

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/15/2018
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	12/16/2013
T90	Plastic Limit of Soils (Atterberg Limits)	12/16/2013
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/16/2013
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/16/2013
T193	The California Bearing Ratio	06/15/2018
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/16/2013
D422	Particle Size Analysis of Soils by Hydrometer	12/16/2013
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/16/2013
D854	Specific Gravity of Soils	12/16/2013
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	12/16/2013
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/16/2013
D1883	The California Bearing Ratio	12/16/2013
D2216	Laboratory Determination of Moisture Content of Soils	12/16/2013
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	12/16/2013
D2488	Description and Identification of Soils (Visual-Manual Procedure)	12/16/2013
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	12/16/2013
D4318	Plastic Limit of Soils (Atterberg Limits)	12/16/2013
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	12/16/2013

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Aggregate

Standard:	Accredited Since:
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	12/16/2013
C127 Specific Gravity and Absorption of Coarse Aggregate	12/16/2013
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	12/16/2013
C136 Sieve Analysis of Fine and Coarse Aggregates	12/16/2013
C566 Total Moisture Content of Aggregate by Drying	12/16/2013
C702 Reducing Samples of Aggregate to Testing Size	12/16/2013

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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	06/15/2018
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	06/15/2018

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Concrete

Standard:		Accredited Since:
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/26/2013
C39	Compressive Strength of Cylindrical Concrete Specimens	11/26/2013
C138	Density (Unit Weight), Yield, and Air Content of Concrete	11/26/2013
C143	Slump of Hydraulic Cement Concrete	11/26/2013
C172	Sampling Freshly Mixed Concrete	11/26/2013
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	11/26/2013
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	11/26/2013
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/26/2013
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	06/06/2025
C1064	Temperature of Freshly Mixed Portland Cement Concrete	11/26/2013
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	11/26/2013

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