AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

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).

Jim Tymon,
AASHTO Executive Director

Matt Linneman,
AASHTO COMP Chair

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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-µm) 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-µm (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-µm (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

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