AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

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).

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	01/26/2009
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-µm) 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-µm (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

Standard:		Accredited Since:
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

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