AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Geo-Hydro Engineers, Inc.

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	06/27/2017
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	09/25/2017
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	06/27/2017
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/25/2017
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/27/2017
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/06/2026

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Asphalt Mixture

Standard:		Accredited Since:
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	06/27/2017
T275 (Cores)	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens (Cores)	06/27/2017
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	06/27/2017
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	06/27/2017

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/27/2017
T88	Particle Size Analysis of Soils by Hydrometer	06/27/2017
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	06/27/2017
T90	Plastic Limit of Soils (Atterberg Limits)	06/27/2017
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	06/10/2024
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/10/2024
T265	Laboratory Determination of Moisture Content of Soils	06/27/2017
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	06/27/2017
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/27/2017
D422	Particle Size Analysis of Soils by Hydrometer	06/27/2017
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	06/10/2024
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	06/27/2017
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/10/2024
D2216	Laboratory Determination of Moisture Content of Soils	06/27/2017
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	06/27/2017
D2488	Description and Identification of Soils (Visual-Manual Procedure)	06/27/2017
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	06/27/2017
D4318	Plastic Limit of Soils (Atterberg Limits)	06/27/2017
D6913	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	06/27/2017
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	06/27/2017

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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	10/10/2022
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	10/10/2022

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Concrete

Standard:		Accredited Since:
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	09/25/2017
C39	Compressive Strength of Cylindrical Concrete Specimens	09/25/2017
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	09/25/2017
C138	Density (Unit Weight), Yield, and Air Content of Concrete	09/25/2017
C143	Slump of Hydraulic Cement Concrete	09/25/2017
C172	Sampling Freshly Mixed Concrete	09/25/2017
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	09/25/2017
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	09/25/2017
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/25/2017
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	06/29/2022
C1064	Temperature of Freshly Mixed Portland Cement Concrete	09/25/2017
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	09/25/2017
C1542	Measuring Length of Concrete Cores	09/25/2017

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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	09/25/2017
C1019 Sampling and Testing Grout	09/25/2017

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