



CERTIFICATE OF ACCREDITATION



Geo-Hydro Engineers, Inc.

in

Greensboro, 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).

A handwritten signature in black ink, appearing to read 'Jim Tymon', written over a horizontal line.

Jim Tymon,
AASHTO Executive Director

A handwritten signature in black ink, appearing to read 'Moe Jamshidi', written over a horizontal line.

Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 07/02/2020 at 10:47 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Geo-Hydro Engineers, Inc.

in Greensboro, North Carolina, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	07/06/2011
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/03/2017
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	07/11/2011
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	07/06/2011
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/03/2017
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/11/2011
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/06/2011
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/03/2017



SCOPE OF AASHTO ACCREDITATION FOR:

Geo-Hydro Engineers, Inc.

in Greensboro, North Carolina, USA

Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	07/06/2011
T88	Particle Size Analysis of Soils by Hydrometer	07/06/2011
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	07/06/2011
T90	Plastic Limit of Soils (Atterberg Limits)	07/06/2011
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	07/06/2011
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/06/2011
T191	Density of Soil In-Place by the Sand Cone Method	07/06/2011
T265	Laboratory Determination of Moisture Content of Soils	07/06/2011
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	05/21/2013
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	07/06/2011
D422	Particle Size Analysis of Soils by Hydrometer	07/06/2011
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	07/06/2011
D1140	Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	07/06/2011
D1556	Density of Soil In-Place by the Sand Cone Method	07/06/2011
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/06/2011
D2216	Laboratory Determination of Moisture Content of Soils	07/06/2011
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	07/06/2011
D2488	Description and Identification of Soils (Visual-Manual Procedure)	07/06/2011
D2937	Density of Soil in Place by the Drive-Cylinder Method	01/24/2019
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	07/06/2011
D4318	Plastic Limit of Soils (Atterberg Limits)	07/06/2011
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	05/21/2013



SCOPE OF AASHTO ACCREDITATION FOR:

Geo-Hydro Engineers, Inc.

in Greensboro, North Carolina, USA

Aggregate

Standard:

Accredited Since:

T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	01/03/2017
T27	Sieve Analysis of Fine and Coarse Aggregates	01/03/2017
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/03/2017
T85	Specific Gravity and Absorption of Coarse Aggregate	01/03/2017
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	01/03/2017
C127	Specific Gravity and Absorption of Coarse Aggregate	01/03/2017
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/03/2017
C136	Sieve Analysis of Fine and Coarse Aggregates	01/03/2017



SCOPE OF AASHTO ACCREDITATION FOR:

Geo-Hydro Engineers, Inc.

in Greensboro, North Carolina, USA

Sprayed Fire-Resistive Material

Standard:

Accredited Since:

E605 Thickness and Density of Sprayed Fire-Resistive Material(SFRM) Applied to Structural Members

01/03/2017

E736 Cohesion/Adhesion of Sprayed Fire-Resistive Materials Applied to Structural Members

01/03/2017



SCOPE OF AASHTO ACCREDITATION FOR:
 Geo-Hydro Engineers, Inc.
 in Greensboro, North Carolina, USA

Concrete

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	03/28/2019
R60	Sampling Freshly Mixed Concrete	01/10/2019
T22	Compressive Strength of Cylindrical Concrete Specimens	03/28/2019
T23	Making and Curing Concrete Test Specimens in the Field	03/28/2019
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	03/28/2019
T119	Slump of Hydraulic Cement Concrete	01/10/2019
T121	Density (Unit Weight), Yield, and Air Content of Concrete	01/10/2019
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	01/10/2019
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	01/10/2019
T231 (5000 psi and below)	Capping Cylindrical Concrete Specimens	01/10/2019
T309	Temperature of Freshly Mixed Portland Cement Concrete	01/10/2019
C31	Making and Curing Concrete Test Specimens in the Field	03/28/2019
C39	Compressive Strength of Cylindrical Concrete Specimens	07/11/2011
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	03/28/2019
C138	Density (Unit Weight), Yield, and Air Content of Concrete	07/11/2011
C143	Slump of Hydraulic Cement Concrete	07/11/2011
C172	Sampling Freshly Mixed Concrete	07/11/2011
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	07/11/2011
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	07/11/2011
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/24/2014
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	11/19/2018
C1064	Temperature of Freshly Mixed Portland Cement Concrete	07/11/2011
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	07/11/2011