



CERTIFICATE OF ACCREDITATION



GeoTechnologies, Inc. P.A.

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](https://www.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 04/23/2024 at 8:17 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://www.aashtoresource.org/aap/accreditation-directory)



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	02/17/2009
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	02/12/2024
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	01/10/2011
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/20/2013
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/12/2024
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/11/2016
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/20/2013



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Asphalt Mixture

Standard:

Accredited Since:

D2041 Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	02/17/2009
D2726 Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	02/17/2009
D3203 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	02/17/2009
D3549 Thickness or Height of Compacted Bituminous Paving Mixture Specimens	05/25/2021
D6926 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	02/17/2009
D6927 Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	02/17/2009



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Soil

Standard:

Accredited Since:

T100	Specific Gravity of Soils	06/08/2015
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	02/17/2009
D422	Particle Size Analysis of Soils by Hydrometer	02/17/2009
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	02/17/2009
D1140	Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	02/17/2009
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	02/17/2009
D1883	The California Bearing Ratio	02/17/2009
D2216	Laboratory Determination of Moisture Content of Soils	02/17/2009
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	02/17/2009
D4318	Plastic Limit of Soils (Atterberg Limits)	02/17/2009



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Aggregate

Standard:

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C29 Bulk Density ("Unit Weight") and Voids in Aggregate	02/17/2009
C117 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	02/17/2009
C127 Specific Gravity and Absorption of Coarse Aggregate	02/17/2009
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	02/17/2009
C136 Sieve Analysis of Fine and Coarse Aggregates	02/17/2009
C566 Total Moisture Content of Aggregate by Drying	02/17/2009
C702 Reducing Samples of Aggregate to Testing Size	02/17/2009



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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

06/08/2015

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

06/08/2015



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Concrete

Standard:		Accredited Since:
C31	Making and Curing Concrete Test Specimens in the Field	03/27/2009
C39	Compressive Strength of Cylindrical Concrete Specimens	03/27/2009
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	03/20/2014
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	03/27/2009
C138	Density (Unit Weight), Yield, and Air Content of Concrete	03/27/2009
C143	Slump of Hydraulic Cement Concrete	03/27/2009
C172	Sampling Freshly Mixed Concrete	03/27/2009
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	03/27/2009
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	08/11/2016
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	03/27/2009
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/02/2011
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	01/28/2022
C1064	Temperature of Freshly Mixed Portland Cement Concrete	03/27/2009
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	11/02/2011



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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

03/20/2014

C1019 Sampling and Testing Grout

11/02/2011