



CERTIFICATE OF ACCREDITATION



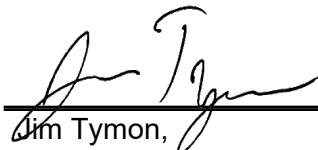
Geotechnical Testing and Inspections, LLC

in

Scottsdale, Arizona, 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:

Geotechnical Testing and Inspections, LLC

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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	07/14/2005
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	05/02/2016



SCOPE OF AASHTO ACCREDITATION FOR:

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Asphalt Mixture

Standard:

Accredited Since:

R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	05/19/2025
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	07/14/2005
T30	Mechanical Analysis of Extracted Aggregate	07/14/2005
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	07/14/2005
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	Suspended
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	07/14/2005
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	07/14/2005
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	07/14/2005
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	Suspended
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	07/14/2005
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	07/14/2005
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	10/20/2022
D5444	Mechanical Analysis of Extracted Aggregate	07/14/2005
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	07/14/2005
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	07/14/2005
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	07/14/2005



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	07/14/2005
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	07/14/2005
T90	Plastic Limit of Soils (Atterberg Limits)	07/14/2005
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	07/14/2005
T100	Specific Gravity of Soils	02/07/2017
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/14/2005
T217	Determination of Moisture in Soils by Means of a Calcium Carbide Gas Pressure Moisture Tester	07/14/2005
T265	Laboratory Determination of Moisture Content of Soils	07/14/2005
T288	Minimum Soil Resistivity	10/20/2022
T289	pH of Soils for Corrosion Testing	10/20/2022
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	07/14/2005
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	07/14/2005
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	07/14/2005
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/14/2005
D2216	Laboratory Determination of Moisture Content of Soils	07/14/2005
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	07/14/2005
D4318	Plastic Limit of Soils (Atterberg Limits)	07/14/2005
D4944	Determination of Moisture in Soils by Means of a Calcium Carbide Gas Pressure Moisture Tester	02/07/2017



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Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	07/14/2005
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	07/14/2005
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	07/14/2005
T21	Organic Impurities in Fine Aggregates for Concrete	05/19/2025
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	07/14/2005
T85	Specific Gravity and Absorption of Coarse Aggregate	07/14/2005
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	07/14/2005
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	07/14/2005
T255	Total Moisture Content of Aggregate by Drying	07/14/2005
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/19/2025
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	02/22/2013
C40	Organic Impurities in Fine Aggregates for Concrete	05/19/2025
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	07/14/2005
C127	Specific Gravity and Absorption of Coarse Aggregate	07/14/2005
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	07/14/2005
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/22/2013
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	05/19/2025
C566	Total Moisture Content of Aggregate by Drying	07/14/2005
C702	Reducing Samples of Aggregate to Testing Size	07/14/2005
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/19/2025
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	07/14/2005
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	07/14/2005



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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	06/08/2021
R60	Sampling Freshly Mixed Concrete	06/08/2021
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/08/2021
T22	Compressive Strength of Cylindrical Concrete Specimens	06/08/2021
T119	Slump of Hydraulic Cement Concrete	06/08/2021
T121	Density (Unit Weight), Yield, and Air Content of Concrete	06/08/2021
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	06/08/2021
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	06/08/2021
T231 (10000 psi and below)	Capping Cylindrical Concrete Specimens	03/12/2025
T309	Temperature of Freshly Mixed Portland Cement Concrete	06/08/2021
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	08/02/2005
C39	Compressive Strength of Cylindrical Concrete Specimens	08/02/2005
C138	Density (Unit Weight), Yield, and Air Content of Concrete	08/02/2005
C143	Slump of Hydraulic Cement Concrete	08/02/2005
C172	Sampling Freshly Mixed Concrete	08/02/2005
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	08/02/2005
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	08/02/2005
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/04/2016
C617 (10000 psi and below)	Capping Cylindrical Concrete Specimens	03/12/2025
C1064	Temperature of Freshly Mixed Portland Cement Concrete	08/02/2005
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	02/15/2011