



# CERTIFICATE OF ACCREDITATION



## Alliance Geotechnical Group, Inc.

in

**Dallas, Texas, 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 04/10/2023 at 12:00 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	10/21/2003
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	01/10/2011
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	01/10/2011
E329 (Asphalt Mixture)	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	01/10/2011
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/11/2018



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## Asphalt Mixture

### Standard:

### Accredited Since:

T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	10/21/2003
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	10/21/2003
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	10/21/2003
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/21/2003
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	05/23/2022
D5444	Mechanical Analysis of Extracted Aggregate	10/21/2003
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	10/21/2003
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	10/21/2003
Tex-206-F	Compacting Specimens Using the Texas Gyratory Compactor (TGC)	04/11/2014



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## Soil

### Standard:

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T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	10/21/2003
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/21/2003
D422	Particle Size Analysis of Soils by Hydrometer	10/21/2003
D558	Moisture-Density Relations of Soil-Cement Mixtures	04/11/2014
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/21/2003
D854	Specific Gravity of Soils	10/21/2003
D1140	Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	10/21/2003
D1556	Density of Soil In-Place by the Sand Cone Method	02/06/2012
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/21/2003
D2166	Unconfined Compressive Strength of Cohesive Soil	10/21/2003
D2216	Laboratory Determination of Moisture Content of Soils	10/21/2003
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	10/21/2003
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	10/21/2003
D2488	Description and Identification of Soils (Visual-Manual Procedure)	10/21/2003
D2850	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	10/21/2003
D3080	Direct Shear Test of Soils Under Consolidated Drained Conditions	10/11/2018
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	10/21/2003
D4318	Plastic Limit of Soils (Atterberg Limits)	10/21/2003
D4546	One-Dimensional Swell or Settlement Potential of Cohesive Soils	10/21/2003
D4767	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	10/21/2003
D5084	Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	10/21/2003
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	10/21/2003



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## Rock

**Standard:**

**Accredited Since:**

D7012 (Method C without D4543 sample preparation) Compressive Strength of Rock Core Specimens (Method C without D4543 preparation)

08/18/2016



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## Aggregate

### Standard:

### Accredited Since:

C29	Bulk Density ("Unit Weight") and Voids in Aggregate	10/21/2003
C40	Organic Impurities in Fine Aggregates for Concrete	10/21/2003
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	10/21/2003
C117	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	10/21/2003
C127	Specific Gravity and Absorption of Coarse Aggregate	10/21/2003
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/21/2003
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/21/2003
C136	Sieve Analysis of Fine and Coarse Aggregates	10/21/2003
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/21/2003
C566	Total Moisture Content of Aggregate by Drying	10/21/2003
C702	Reducing Samples of Aggregate to Testing Size	10/21/2003
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/21/2003



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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

10/11/2018

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

10/11/2018



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## Concrete

<b>Standard:</b>		<b>Accredited Since:</b>
C31	Making and Curing Concrete Test Specimens in the Field	10/21/2003
C39	Compressive Strength of Cylindrical Concrete Specimens	10/21/2003
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	10/21/2003
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	10/21/2003
C138	Density (Unit Weight), Yield, and Air Content of Concrete	10/21/2003
C143	Slump of Hydraulic Cement Concrete	10/21/2003
C172	Sampling Freshly Mixed Concrete	10/21/2003
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	10/21/2003
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	10/21/2003
C192	Making and Curing Concrete Test Specimens in the Laboratory	10/21/2003
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	10/21/2003
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/20/2013
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	05/20/2013
C803	Penetration Resistance of Hardened Concrete	10/21/2003
C1064	Temperature of Freshly Mixed Portland Cement Concrete	10/21/2003
C1074	Estimating Concrete Strength by the Maturity Method	10/21/2003
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	05/20/2013