



# CERTIFICATE OF ACCREDITATION



## Advanced Geotechnical Solutions, Inc.

in

### Casper, Wyoming, 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://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 'Matt Linneman', written over a horizontal line.

Matt Linneman,  
AASHTO COMP Chair

This certificate was generated on 05/16/2026 at 6:37 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://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	08/18/2021
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	08/18/2021
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2022
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	01/10/2022
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/18/2021
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2022
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2022



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## Soil

### Standard:

### Accredited Since:

D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	08/27/2021
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	08/27/2021
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	08/27/2021
D2216 Laboratory Determination of Moisture Content of Soils	08/27/2021
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	08/27/2021
D4318 Plastic Limit of Soils (Atterberg Limits)	08/27/2021
D4718 Oversize Particle Correction	08/27/2021
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	08/27/2021



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## Aggregate

### Standard:

### Accredited Since:

C117 Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	08/18/2021
C127 Specific Gravity and Absorption of Coarse Aggregate	08/18/2021
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	08/18/2021
C136 Sieve Analysis of Fine and Coarse Aggregates	08/18/2021
C566 Total Moisture Content of Aggregate by Drying	08/18/2021
C702 Reducing Samples of Aggregate to Testing Size	08/18/2021
D75 Sampling Aggregate	08/18/2021



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## Concrete

### Standard:

### Accredited Since:

C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/10/2021
C39	Compressive Strength of Cylindrical Concrete Specimens	12/10/2021
C138	Density (Unit Weight), Yield, and Air Content of Concrete	12/10/2021
C143	Slump of Hydraulic Cement Concrete	12/10/2021
C172	Sampling Freshly Mixed Concrete	12/10/2021
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	12/10/2021
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	12/05/2023
C1064	Temperature of Freshly Mixed Portland Cement Concrete	12/10/2021
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	12/10/2021