



# CERTIFICATE OF ACCREDITATION



## Pennsylvania Soil and Rock Incorporated

in

### Monroeville, Pennsylvania, 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 'Matt Linneman', written over a horizontal line.

Matt Linneman,  
AASHTO COMP Chair

This certificate was generated on 11/12/2024 at 7:59 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	10/19/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	08/15/2022



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## Soil

**Standard:**

**Accredited Since:**

D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/19/2011
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/19/2011
D1140	Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	07/22/2013
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/19/2011
D2216	Laboratory Determination of Moisture Content of Soils	10/19/2011
D3080 (2000 lb/ft-sq or Greater Normal Stress)	Direct Shear Test of Soils Under Consolidated Drained Conditions (with Exceptions)	07/31/2020
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	10/19/2011
D4318	Plastic Limit of Soils (Atterberg Limits)	10/19/2017
D4643	Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	07/22/2013
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	07/22/2013



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## Aggregate

**Standard:**

**Accredited Since:**

C117 Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	10/19/2011
C127 Specific Gravity and Absorption of Coarse Aggregate	10/19/2011
C136 Sieve Analysis of Fine and Coarse Aggregates	10/19/2011
C566 Total Moisture Content of Aggregate by Drying	07/22/2013
C702 Reducing Samples of Aggregate to Testing Size	08/15/2022



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## Concrete

Standard:		Accredited Since:
C31 (Cylinders)	Making and Curing Concrete Cylinder Test Specimens in the Field	07/10/2014
C39	Compressive Strength of Cylindrical Concrete Specimens	07/10/2014
C138	Density (Unit Weight), Yield, and Air Content of Concrete	07/10/2014
C143	Slump of Hydraulic Cement Concrete	07/10/2014
C172	Sampling Freshly Mixed Concrete	07/10/2014
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	07/10/2014
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	07/10/2014
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	07/10/2014
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	08/15/2022
C1064	Temperature of Freshly Mixed Portland Cement Concrete	08/04/2014
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	07/10/2014