



# CERTIFICATE OF ACCREDITATION



## Pacific Crest Engineering, Inc.

in

### Watsonville, California, 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 06/11/2026 at 11:31 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	07/08/2010
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	09/18/2024
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	08/09/2016
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	03/27/2017
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	10/31/2012
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	03/27/2017
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/31/2012
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/09/2016
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011



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## Asphalt Mixture

### Standard:

### Accredited Since:

R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	02/26/2024
T30	Mechanical Analysis of Extracted Aggregate	07/15/2024
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	09/29/2014
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	03/27/2017
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/31/2012
T275 (Cores)	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens (Cores)	11/06/2015
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	07/15/2024
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	10/31/2012



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## Soil

### Standard:

### Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/31/2012
T88	Particle Size Analysis of Soils by Hydrometer	10/31/2012
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	10/31/2012
T90	Plastic Limit of Soils (Atterberg Limits)	10/31/2012
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/31/2012
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/31/2012
T208	Unconfined Compressive Strength of Cohesive Soil	10/31/2012
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	11/06/2015
T265	Laboratory Determination of Moisture Content of Soils	10/31/2012
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	10/31/2012
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	07/08/2010
D422	Particle Size Analysis of Soils by Hydrometer	07/08/2010
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/31/2012
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	07/08/2010
D1556	Density of Soil In-Place by the Sand Cone Method	02/26/2024
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/08/2010
D2166	Unconfined Compressive Strength of Cohesive Soil	07/08/2010
D2216	Laboratory Determination of Moisture Content of Soils	07/08/2010
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	07/08/2010
D2488	Description and Identification of Soils (Visual-Manual Procedure)	07/08/2010
D3080	Direct Shear Test of Soils Under Consolidated Drained Conditions	02/26/2024
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	07/08/2010
D4318	Plastic Limit of Soils (Atterberg Limits)	07/08/2010



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## Soil (Continued)

Standard:	Accredited Since:
D4829 Expansion Index of Soils	11/06/2015
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	07/08/2010



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## Aggregate

### Standard:

### Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	09/29/2021
R90	Sampling Aggregate	11/06/2015
T11	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	10/31/2012
T27	Sieve Analysis of Fine and Coarse Aggregates	10/31/2012
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	02/26/2024
T85	Specific Gravity and Absorption of Coarse Aggregate	02/26/2024
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	11/06/2015
T255	Total Moisture Content of Aggregate by Drying	02/26/2024
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	02/26/2024
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	02/26/2024
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	08/06/2025
C117	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	07/08/2010
C127	Specific Gravity and Absorption of Coarse Aggregate	02/26/2024
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	02/26/2024
C136	Sieve Analysis of Fine and Coarse Aggregates	07/08/2010
C566	Total Moisture Content of Aggregate by Drying	02/26/2024
C702	Reducing Samples of Aggregate to Testing Size	09/29/2021
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	02/26/2024
D75	Sampling Aggregate	11/06/2015
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	11/06/2015
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	02/26/2024
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	02/26/2024



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## Concrete

Standard:		Accredited Since:
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	08/06/2025
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/19/2016
C39	Compressive Strength of Cylindrical Concrete Specimens	04/19/2016
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	08/06/2025
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	08/06/2025
C138	Density (Unit Weight), Yield, and Air Content of Concrete	04/19/2016
C143	Slump of Hydraulic Cement Concrete	04/19/2016
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	09/21/2018
C172	Sampling Freshly Mixed Concrete	04/19/2016
C192	Making and Curing Concrete Test Specimens in the Laboratory	10/27/2021
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	04/19/2016
C495	Compressive Strength of Lightweight Insulating Concrete	08/06/2025
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/19/2016
C567	Determining Density of Structural Lightweight Concrete	08/06/2025
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	04/16/2025
C805	Rebound Number of Hardened Concrete	08/06/2025
C1064	Temperature of Freshly Mixed Portland Cement Concrete	04/19/2016
C1140 (Obtaining and Testing Specimens)	Preparing and Testing Specimens from Shotcrete Test Panels	09/21/2018
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	04/19/2016
C1542	Measuring Length of Concrete Cores	08/06/2025
C1604	Standard Test Method for Obtaining and Testing Drilled Cores of Shotcrete	09/21/2018



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## Controlled Low Strength Material (CLSM)

### Standard:

### Accredited Since:

D4832 Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders

08/06/2025

D5971 Sampling Freshly Mixed Controlled Low-Strength Material (CLSM)

08/06/2025



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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

10/27/2021

C1019 Sampling and Testing Grout

10/27/2021