AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

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).

Jim Tymon,
AASHTO Executive Director

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 06/12/2026 at 1:08 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Pacific Crest Engineering, Inc.

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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-µm (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-µm (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