AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials
AASHTO

Pacific Materials Laboratory of Santa Barbara, Inc.

in

Goleta, 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

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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	11/30/2012
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	10/26/2018
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	10/26/2018
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	01/10/2020
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/26/2018
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/26/2018
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2020

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Soil

Standard:	Accredited Since:
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/19/2018
D422 Particle Size Analysis of Soils by Hydrometer	10/31/2019
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	11/30/2012
D2216 Laboratory Determination of Moisture Content of Soils	11/30/2012
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	09/29/2022
D4318 Plastic Limit of Soils (Atterberg Limits)	09/29/2022

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Aggregate

Standard:	Accredited Since:
C40 Organic Impurities in Fine Aggregates for Concrete	02/10/2014
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	02/10/2014
C127 Specific Gravity and Absorption of Coarse Aggregate	02/10/2014
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	02/10/2014
C136 Sieve Analysis of Fine and Coarse Aggregates	02/10/2014
C566 Total Moisture Content of Aggregate by Drying	02/10/2014
C702 Reducing Samples of Aggregate to Testing Size	02/10/2014

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Iron and Steel

Standard:	Accredited Since:
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	07/27/2015
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	07/27/2015
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	07/27/2015
A615-E290 Carbon-Steel Bars, Deformed and Plain: Bend Test	02/10/2014
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Elongation)	07/27/2015
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	07/27/2015
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Yield Strength)	07/27/2015
A706-E290 Low Alloy Steel Bars, Deformed and Plain: Bend Test	02/10/2014

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Concrete

Standard:		Accredited Since:
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/10/2014
C39	Compressive Strength of Cylindrical Concrete Specimens	02/10/2014
C138	Density (Unit Weight), Yield, and Air Content of Concrete	02/10/2014
C143	Slump of Hydraulic Cement Concrete	02/10/2014
C172	Sampling Freshly Mixed Concrete	02/10/2014
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/10/2014
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	02/10/2014
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	02/10/2014
C617 (6000 psi and below)	Capping Cylindrical Concrete Specimens	03/21/2025
C1064	Temperature of Freshly Mixed Portland Cement Concrete	02/10/2014
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	02/10/2014

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