AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Signet Testing Laboratories, Inc.

in

Hayward, 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	03/15/1995
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	05/08/2015
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	03/10/2016
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	06/10/2011
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/08/2015
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/10/2016
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/10/2011
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/31/2025

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Asphalt Mixture

Standard:		Accredited Since:
D1560 (Stability)	Resistance to Deformation of Bituminous Mixtures by Means of Hveem Apparatus	03/15/1995
D1561	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	03/15/1995
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	03/15/1995
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	03/15/1995
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	03/15/1995
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	05/20/2021
D5444	Mechanical Analysis of Extracted Aggregate	03/15/1995
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	03/15/1995
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	03/15/1995
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	03/15/1995

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Soil

Standard:	Accredited Since:
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/15/1996
D422 Particle Size Analysis of Soils by Hydrometer	04/15/1996
D558 Moisture-Density Relations of Soil-Cement Mixtures	04/15/1996
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/31/2025
D854 Specific Gravity of Soils	04/15/1996
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	04/15/1996
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/15/1996
D1883 The California Bearing Ratio	04/15/1996
D2166 Unconfined Compressive Strength of Cohesive Soil	02/13/2026
D2216 Laboratory Determination of Moisture Content of Soils	04/15/1996
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	04/15/1996
D2488 Description and Identification of Soils (Visual-Manual Procedure)	04/15/1996
D2844 Resistance R-Value and Expansion Pressure of Compacted Soils	04/15/1996
D2974 Determination of Organic Content in Soils by Loss on Ignition	04/15/1996
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	04/15/1996
D4318 Plastic Limit of Soils (Atterberg Limits)	04/15/1996
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/15/1996

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Aggregate

Standard:	Accredited Since:
C40 Organic Impurities in Fine Aggregates for Concrete	03/15/1995
C88 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	03/15/1995
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	03/15/1995
C127 Specific Gravity and Absorption of Coarse Aggregate	03/15/1995
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/15/1995
C131 Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	03/15/1995
C136 Sieve Analysis of Fine and Coarse Aggregates	03/15/1995
C142 Clay Lumps and Friable Particles in Aggregate	03/15/1995
C702 Reducing Samples of Aggregate to Testing Size	03/15/1995

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Sprayed Fire-Resistive Material

Standard:	Accredited Since:
E605 Thickness and Density of Sprayed Fire-Resistive Material(SFRM) Applied to Structural Members	12/31/2025
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	12/31/2025

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Iron and Steel

Standard:		Accredited Since:
A563-E18	Internally Threaded Fasteners (Nuts): Rockwell Hardness	02/13/2026
A563-F606	Internally Threaded Fasteners (Nuts): Proof Load Determination	02/13/2026
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	02/17/2017
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	02/17/2017
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	02/17/2017
A615-E290	Carbon-Steel Bars, Deformed and Plain: Bend Test	02/17/2009
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Elongation)	09/26/2018
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	09/26/2018
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Yield Strength)	09/26/2018
A706-E290	Low Alloy Steel Bars, Deformed and Plain: Bend Test	09/26/2018
F436-E18	Hardened Steel Washers: Rockwell Hardness	02/13/2026
F3125-E18	Externally Threaded Fasteners (Bolts): Rockwell Hardness	02/13/2026
F3125-F606	Externally Threaded Fasteners (Bolts): Proof Load Determination	02/13/2026
F3125-F606	Externally Threaded Fasteners (Bolts): Ultimate Tensile Strength	02/13/2026

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Concrete

Standard:		Accredited Since:
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	10/31/2013
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	10/31/2013
C39	Compressive Strength of Cylindrical Concrete Specimens	02/15/1996
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	10/31/2013
C138	Density (Unit Weight), Yield, and Air Content of Concrete	02/15/1996
C143	Slump of Hydraulic Cement Concrete	02/15/1996
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	09/14/2018
C172	Sampling Freshly Mixed Concrete	02/15/1996
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/15/1996
C192	Making and Curing Concrete Test Specimens in the Laboratory	10/31/2013
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	02/15/1996
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/02/2012
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	05/23/2011
C1064	Temperature of Freshly Mixed Portland Cement Concrete	02/15/1996
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	05/23/2011

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