



CERTIFICATE OF ACCREDITATION



Smith Emery Laboratories, Inc.

in

Los Angeles, 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).

A handwritten signature in black ink, appearing to read 'Jim Tymon', is written over a horizontal line.

Jim Tymon,
AASHTO Executive Director

A handwritten signature in black ink, appearing to read 'Matt Linneman', is written over a horizontal line.

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 10/28/2026 at 4:55 AM Eastern Time. Please confirm the current accreditation status of this laboratory at 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	04/02/2004
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	05/13/2015
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	02/02/2022
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	04/16/2025
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	11/17/2025
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/15/2017
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/02/2022
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/16/2025



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Soil

Standard:

Accredited Since:

D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	07/26/2004
D422 Particle Size Analysis of Soils by Hydrometer	07/26/2004
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	07/26/2004
D854 Specific Gravity of Soils	07/26/2004
D1140 Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	07/26/2004
D1556 Density of Soil In-Place by the Sand Cone Method	10/26/2022
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/26/2004
D1883 The California Bearing Ratio	07/26/2004
D2166 Unconfined Compressive Strength of Cohesive Soil	07/26/2004
D2216 Laboratory Determination of Moisture Content of Soils	10/26/2022
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	07/26/2004
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	07/26/2004
D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions	07/26/2004
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	07/26/2004
D4318 Plastic Limit of Soils (Atterberg Limits)	07/26/2004
D4643 Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	11/17/2025
D4829 Expansion Index of Soils	07/26/2004
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	12/13/2019
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	10/26/2022
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	10/26/2022



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Aggregate

Standard:

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C29	Bulk Density ("Unit Weight") and Voids in Aggregate	04/02/2004
C40	Organic Impurities in Fine Aggregates for Concrete	04/02/2004
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	04/02/2004
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	04/02/2004
C127	Specific Gravity and Absorption of Coarse Aggregate	04/02/2004
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/02/2004
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/02/2004
C136	Sieve Analysis of Fine and Coarse Aggregates	04/02/2004
C142	Clay Lumps and Friable Particles in Aggregate	05/13/2015
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	11/28/2012
C566	Total Moisture Content of Aggregate by Drying	04/02/2004
C702	Reducing Samples of Aggregate to Testing Size	04/02/2004
D75	Sampling Aggregate	11/28/2012
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	04/02/2004
D3744	Aggregate Durability Index	11/17/2025



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Iron and Steel

Standard:

Accredited Since:

A563-E18	Internally Threaded Fasteners (Nuts): Rockwell Hardness	05/15/2017
A563-F606	Internally Threaded Fasteners (Nuts): Proof Load Determination	10/17/2025
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	06/24/2016
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	06/24/2016
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	06/24/2016
A615-E290	Carbon-Steel Bars, Deformed and Plain: Bend Test	04/07/2008
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Elongation)	06/24/2016
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	06/24/2016
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Yield Strength)	06/24/2016
A706-E290	Low Alloy Steel Bars, Deformed and Plain: Bend Test	01/16/2014
F3125	Externally Threaded Fasteners (Bolts): Rotational Capacity	10/17/2025
F436-E18	Hardened Steel Washers: Rockwell Hardness	10/26/2022
F3125-E18	Externally Threaded Fasteners (Bolts): Rockwell Hardness	05/15/2017
F1554-A370	Anchor Bolts: Tension (Elongation)	10/26/2022
F1554-A370	Anchor Bolts: Tension (Ultimate Tensile Strength of bar stock)	10/26/2022
F1554-A370	Anchor Bolts: Tension (Yield Strength)	10/26/2022
F1554-F606	Anchor Bolts: Tension (Ultimate Tensile Strength of finished bolts)	10/17/2025
F3125-F606	Externally Threaded Fasteners (Bolts): Proof Load Determination	10/17/2025
F3125-F606	Externally Threaded Fasteners (Bolts): Ultimate Tensile Strength	10/17/2025



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Concrete

Standard:		Accredited Since:
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	11/22/2021
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/22/2021
C39	Compressive Strength of Cylindrical Concrete Specimens	04/02/2004
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	04/16/2025
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/02/2004
C138	Density (Unit Weight), Yield, and Air Content of Concrete	11/22/2021
C143	Slump of Hydraulic Cement Concrete	11/22/2021
C172	Sampling Freshly Mixed Concrete	11/22/2021
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	11/22/2021
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	11/22/2021
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/16/2014
C617 (6000 psi and below)	Capping Cylindrical Concrete Specimens	11/22/2021
C1064	Temperature of Freshly Mixed Portland Cement Concrete	11/22/2021
C1542	Measuring Length of Concrete Cores	04/16/2025



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Masonry

Standard:		Accredited Since:
C140 (Full-Size Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	04/16/2025
C1314 (Prisms Constructed of Full-Size Concrete Masonry Units)	Compressive Strength of Masonry Prisms	04/16/2025
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	06/12/2006