



CERTIFICATE OF ACCREDITATION



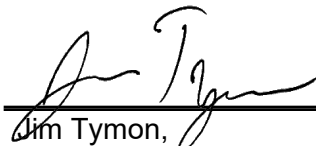
Merrell Engineering Company, Inc.

in

Apple Valley, 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 10/27/2026 at 1:25 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Merrell Engineering Company, Inc.

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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	10/31/2008
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	11/02/2024
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	04/08/2016
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/02/2024
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/08/2016



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Asphalt Mixture

Standard:

Accredited Since:

D2041 Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	03/09/2020
D2726 Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	07/15/2026
D2950 Density of Bituminous Concrete In Place by Nuclear Methods	08/13/2012
D3203 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	03/09/2020
D6926 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	07/15/2026



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Soil

Standard:

Accredited Since:

D1140 Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	08/30/2010
D1556 Density of Soil In-Place by the Sand Cone Method	08/30/2010
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/19/2015
D2216 Laboratory Determination of Moisture Content of Soils	08/30/2010
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	08/30/2010



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Aggregate

Standard:

Accredited Since:

C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	10/31/2008
C127	Specific Gravity and Absorption of Coarse Aggregate	11/02/2024
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	11/02/2024
C136	Sieve Analysis of Fine and Coarse Aggregates	10/31/2008
C566	Total Moisture Content of Aggregate by Drying	10/31/2008
C702	Reducing Samples of Aggregate to Testing Size	10/31/2008
D75	Sampling Aggregate	01/19/2018
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	07/15/2026



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Concrete

Standard:

Accredited Since:

C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	04/01/2011
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/01/2011
C39	Compressive Strength of Cylindrical Concrete Specimens	10/31/2008
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	04/01/2011
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/01/2011
C138	Density (Unit Weight), Yield, and Air Content of Concrete	10/31/2008
C143	Slump of Hydraulic Cement Concrete	10/31/2008
C172	Sampling Freshly Mixed Concrete	10/31/2008
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	10/31/2008
C192	Making and Curing Concrete Test Specimens in the Laboratory	04/03/2025
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	10/31/2008
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/30/2013
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	09/14/2018
C1064	Temperature of Freshly Mixed Portland Cement Concrete	10/31/2008
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	04/01/2011
C1542	Measuring Length of Concrete Cores	04/08/2016



SCOPE OF AASHTO ACCREDITATION FOR:

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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

11/29/2014

C1019 Sampling and Testing Grout

08/30/2013