



CERTIFICATE OF ACCREDITATION



ENGEO Incorporated

in

Rocklin, 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](https://www.aashtoresource.org)).

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

Jim Tymon,
AASHTO Executive Director

A handwritten signature in black ink, appearing to read 'Moe Jamshidi', written over a horizontal line.

Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 02/15/2024 at 5:55 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://www.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	07/14/2011
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	04/14/2017
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	10/29/2012
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/29/2013
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/14/2017
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/29/2013
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/29/2012



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Asphalt Mixture

Standard:	Accredited Since:
T30 Mechanical Analysis of Extracted Aggregate	05/12/2022
T164 Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	05/12/2022
T166 (Cores) Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	05/12/2022
T209 Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/12/2022
T269 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/12/2022
T275 (Cores) Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens (Cores)	05/17/2022
T308 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	05/17/2022
D1188 (Cores) Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens (Cores)	12/01/2021
D2041 Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/14/2017
D2172 Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	04/14/2017
D2726 (Cores) Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	05/09/2019
D3203 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	12/01/2021
D5444 Mechanical Analysis of Extracted Aggregate	12/01/2021
D6307 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	05/17/2022



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Soil

Standard:

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D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	05/05/2011
D422 Particle Size Analysis of Soils by Hydrometer	05/05/2011
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	06/23/2015
D854 Specific Gravity of Soils	04/14/2017
D1140 Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	05/05/2011
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/05/2011
D2166 Unconfined Compressive Strength of Cohesive Soil	04/14/2017
D2216 Laboratory Determination of Moisture Content of Soils	05/05/2011
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	04/14/2017
D2488 Description and Identification of Soils (Visual-Manual Procedure)	04/14/2017
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	12/01/2021
D2974 Determination of Organic Content in Soils by Loss on Ignition	04/14/2017
D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions	04/14/2017
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	05/05/2011
D4318 Plastic Limit of Soils (Atterberg Limits)	06/23/2015
D4718 Oversize Particle Correction	12/01/2021
D4829 Expansion Index of Soils	10/29/2012
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	04/14/2017



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Aggregate

Standard:

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R76 Reducing Samples of Aggregate to Testing Size	05/12/2022
T11 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	05/12/2022
T27 Sieve Analysis of Fine and Coarse Aggregates	05/12/2022
C40 Organic Impurities in Fine Aggregates for Concrete	05/09/2007
C117 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	05/09/2007
C127 Specific Gravity and Absorption of Coarse Aggregate	05/09/2007
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/09/2007
C136 Sieve Analysis of Fine and Coarse Aggregates	05/09/2007
C566 Total Moisture Content of Aggregate by Drying	05/09/2007
C702 Reducing Samples of Aggregate to Testing Size	05/09/2007
D75 Sampling Aggregate	12/01/2021



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Concrete

Standard:		Accredited Since:
C31	Making and Curing Concrete Test Specimens in the Field	03/05/2020
C39	Compressive Strength of Cylindrical Concrete Specimens	05/09/2007
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	08/13/2021
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	03/05/2020
C138	Density (Unit Weight), Yield, and Air Content of Concrete	05/09/2007
C143	Slump of Hydraulic Cement Concrete	05/09/2007
C172	Sampling Freshly Mixed Concrete	05/09/2007
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	05/09/2007
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	03/05/2020
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	05/09/2007
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	07/29/2013
C617 (6000 psi and below)	Capping Cylindrical Concrete Specimens	07/16/2018
C1064	Temperature of Freshly Mixed Portland Cement Concrete	05/09/2007
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	03/25/2011
C1542	Measuring Length of Concrete Cores	08/13/2021