



CERTIFICATE OF ACCREDITATION



AESCO, Inc.

in

Huntington Beach, 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', 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 08/06/2020 at 8:58 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	07/10/2009
ISO/IEC 17025 (Iron and Steel)	General Requirements for the Competence of Testing and Calibration Laboratories (Limited Version)	05/06/2016
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	03/24/2016
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	03/24/2016
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	06/22/2018
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	11/12/2019
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/22/2018
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/22/2018



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Asphalt Mixture

Standard:

Accredited Since:

T30	Mechanical Analysis of Extracted Aggregate	11/12/2019
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	11/12/2019
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	11/12/2019
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	11/12/2019
T275 (Cores)	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens (Cores)	11/12/2019
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	11/12/2019
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	11/12/2019



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Soil

Standard:

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T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/19/2017
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	11/02/2012
D1140	Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	11/02/2012
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/19/2017
D2216	Laboratory Determination of Moisture Content of Soils	11/02/2012
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	06/22/2015
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	08/05/2010
D4318	Plastic Limit of Soils (Atterberg Limits)	08/05/2010
D4643	Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	06/22/2015
D4829	Expansion Index of Soils	07/19/2017



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Aggregate

Standard:	Accredited Since:
T11 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	11/12/2019
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	11/12/2019
T85 Specific Gravity and Absorption of Coarse Aggregate	11/12/2019
T96 Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	11/12/2019
T176 Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	07/19/2017
T210 Aggregate Durability Index	11/12/2019
T304 Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	11/12/2019
T335 Determining the Percentage of Fractured Particles in Coarse Aggregate	11/12/2019
C40 Organic Impurities in Fine Aggregates for Concrete	06/21/2018
C117 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	07/10/2009
C127 Specific Gravity and Absorption of Coarse Aggregate	07/10/2009
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	07/10/2009
C136 Sieve Analysis of Fine and Coarse Aggregates	07/10/2009
C566 Total Moisture Content of Aggregate by Drying	07/10/2009
C702 Reducing Samples of Aggregate to Testing Size	01/24/2014
D2419 Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	07/19/2017
D4791 Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	11/12/2019



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Iron and Steel

Standard:

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M31-T244	Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	07/19/2017
M31-T244	Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	07/19/2017
M31-T244	Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	07/19/2017
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	07/19/2017
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	07/19/2017
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	07/19/2017
A970-A370	Headed Steel Bars: Tension (Elongation)	07/19/2017
A970-A370	Headed Steel Bars: Tension (Ultimate Tensile Strength)	07/19/2017
A970-A370	Headed Steel Bars: Tension (Yield Strength)	07/19/2017
A615-A1034	Carbon-Steel Bars, Deformed and Plain: Testing Mechanical Splices	06/22/2015
A706-A1034	Low Alloy Steel Bars, Deformed and Plain: Testing Mechanical Splices	06/22/2015
A615-CT670	Carbon-Steel Bars, Deformed and Plain: Testing Mechanical and Welded Splices	06/22/2015
A706-CT670	Low Alloy Steel Bars, Deformed and Plain: Testing Mechanical and Welded Splices	06/22/2015



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Concrete

Standard:		Accredited Since:
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/17/2011
C39	Compressive Strength of Cylindrical Concrete Specimens	02/17/2011
C138	Density (Unit Weight), Yield, and Air Content of Concrete	02/17/2011
C143	Slump of Hydraulic Cement Concrete	02/17/2011
C172	Sampling Freshly Mixed Concrete	02/17/2011
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	06/21/2018
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	02/17/2011
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/24/2014
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	06/21/2018
C1064	Temperature of Freshly Mixed Portland Cement Concrete	02/17/2011
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	02/17/2011



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Masonry

Standard:

Accredited Since:

C140 (Concrete Masonry Units) Sampling and Testing Concrete Masonry Units and Related Units

01/24/2014

C1552

Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing

01/24/2014