



# CERTIFICATE OF ACCREDITATION



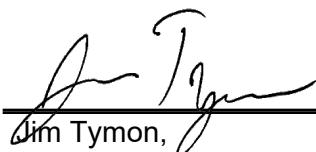
## AESCO, Inc.

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](http://aashtoresource.org)).



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Jim Tymon,  
AASHTO Executive Director



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Matt Linneman  
AASHTO COMP Chair



**SCOPE OF AASHTO ACCREDITATION FOR:**  
**AESCO, Inc.**  
**in Huntington Beach, California, USA**

## **Quality Management System**

**Standard:**

**Accredited Since:**

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	07/10/2009
ISO/IEC 17025	General Requirements for the Competence of Testing and Calibration Laboratories	10/28/2025
ISO/IEC 17025 (Iron and Steel)	General Requirements for the Competence of Testing and Calibration Laboratories (Limited Scope)	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 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	12/28/2022
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	11/12/2019
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	06/26/2023
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/22/2018
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/28/2022
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/22/2018
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/01/2021
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/26/2023



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## Asphalt Mixture

### Standard:

### Accredited Since:

R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	12/28/2022
T30	Mechanical Analysis of Extracted Aggregate	11/12/2019
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	11/26/2025
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	11/12/2019
T247	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	11/26/2025
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	11/12/2019
T275	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	11/26/2025
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
D1561	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	11/26/2025
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	11/26/2025
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	11/26/2025
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/28/2025
D5444	Mechanical Analysis of Extracted Aggregate	10/28/2025
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	10/28/2025



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## Soil

**Standard:****Accredited Since:**

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/28/2022
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	12/28/2022
T90	Plastic Limit of Soils (Atterberg Limits)	12/28/2022
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/19/2017
T265	Laboratory Determination of Moisture Content of Soils	12/28/2022
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- $\mu$ 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:

R76	Reducing Samples of Aggregate to Testing Size	07/30/2021
T11	Materials Finer Than 75- $\mu\text{m}$ (No. 200) Sieve in Mineral Aggregates by Washing	11/12/2019
T21	Organic Impurities in Fine Aggregates for Concrete	07/30/2021
T27	Sieve Analysis of Fine and Coarse Aggregates	07/30/2021
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
T255	Total Moisture Content of Aggregate by Drying	07/30/2021
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	11/12/2019
C40	Organic Impurities in Fine Aggregates for Concrete	06/21/2018
C117	Materials Finer Than 75- $\mu\text{m}$ (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
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	03/06/2023
C136	Sieve Analysis of Fine and Coarse Aggregates	07/10/2009
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/30/2025
C566	Total Moisture Content of Aggregate by Drying	07/10/2009
C702	Reducing Samples of Aggregate to Testing Size	01/24/2014
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	12/28/2022
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	07/19/2017
D3744	Aggregate Durability Index	10/28/2025



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## **Aggregate (Continued)**

**Standard:**

D4791 Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate

D5821 Determining the Percentage of Fractured Particles in Coarse Aggregate

**Accredited Since:**

11/12/2019

07/30/2021



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## Iron and Steel

### Standard:

### Accredited Since:

A615	Carbon-Steel Bars, Deformed and Plain: Unit Weight	11/26/2025
A706	Low Alloy Steel Bars, Deformed and Plain: Unit Weight	11/26/2025
A970	Headed Steel Bars: Bend Test	11/26/2025
A563-E10	Internally Threaded Fasteners (Nuts): Brinell Hardness	11/26/2025
A563-F606	Internally Threaded Fasteners (Nuts): Proof Load Determination	11/26/2025
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
A615-E290	Carbon-Steel Bars, Deformed and Plain: Bend Test	12/28/2022
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Elongation)	11/26/2025
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	11/26/2025
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Yield Strength)	11/26/2025
A706-E290	Low Alloy Steel Bars, Deformed and Plain: Bend Test	12/28/2022
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
F3125-E10	Externally Threaded Fasteners (Bolts): Brinell Hardness	11/26/2025
F3125-F606	Externally Threaded Fasteners (Bolts): Proof Load Determination	11/26/2025
F3125-F606	Externally Threaded Fasteners (Bolts): Ultimate Tensile Strength	11/26/2025
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	<b>Suspended</b>
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/24/2014
C617 (9000 psi and below)	Capping Cylindrical Concrete Specimens	04/30/2025
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