



CERTIFICATE OF ACCREDITATION



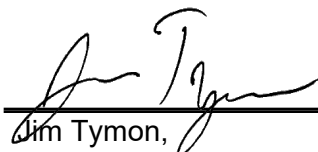
Pavement Engineering, Inc.

in

Redding, 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

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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	05/15/2002
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/08/2025
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	03/08/2018
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/08/2018



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Asphalt Mixture

Standard:

Accredited Since:

R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	01/03/2018
R35	Superpave Volumetric Design for Hot Mix Asphalt (HMA)	01/03/2018
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	05/15/2002
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	05/15/2002
R97	Sampling Bituminous Paving Mixtures	05/12/2022
T30	Mechanical Analysis of Extracted Aggregate	05/15/2002
T164	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	11/25/2014
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	05/15/2002
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/15/2002
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	05/15/2002
T246	Resistance to Deformation and Cohesion of Bituminous Mixtures by Means of Hveem Apparatus	01/07/2014
T247	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	05/15/2002
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/15/2002
T275	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	05/15/2002
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	05/15/2002
T305	Draindown Characteristics of HMA	11/25/2014
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	05/15/2002
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	12/23/2014
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	11/25/2014
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	05/15/2002
T340	Determining Rutting Susceptibility of Hot Mix Asphalt (HMA) Using the Asphalt Pavement Analyzer (APA)	12/28/2022
T355	Density of Bituminous Concrete In Place by Nuclear Methods	01/03/2018
D979	Sampling Bituminous Paving Mixtures	01/03/2018



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Asphalt Mixture (Continued)

Standard:		Accredited Since:
D1188	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	01/07/2014
D1560 (Stability)	Resistance to Deformation of Bituminous Mixtures by Means of Hveem Apparatus	05/15/2002
D1561	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	05/15/2002
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/15/2002
D2172	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	11/25/2014
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	05/15/2002
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	01/07/2014
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/15/2002
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	05/12/2022
D3665	Random Sampling of Construction Materials	05/12/2022
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	05/15/2002
D5444	Mechanical Analysis of Extracted Aggregate	05/15/2002
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	05/15/2002
D6390	Draindown Characteristics of HMA	11/25/2014
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	12/23/2014
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	05/15/2002
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	05/15/2002
D6931	Indirect Tensile Strength (IDT)	01/03/2018
D8225	Determination of Cracking Tolerance Index of Asphalt Mixture Using the Indirect Tensile Cracking Test at Intermediate Temperature	01/08/2025



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Soil

Standard:

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R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/03/2018
R74	Wet Preparation of Disturbed Soil Samples for Test	05/12/2022
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	05/15/2002
T90	Plastic Limit of Soils (Atterberg Limits)	05/15/2002
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/07/2014
T100	Specific Gravity of Soils	05/12/2022
T134	Moisture-Density Relations of Soil-Cement Mixtures	05/12/2022
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/07/2014
T190	Resistance R-Value and Expansion Pressure of Compacted Soils	01/07/2014
T193	The California Bearing Ratio	01/08/2025
T265	Laboratory Determination of Moisture Content of Soils	05/15/2002
T289	pH of Soils for Corrosion Testing	05/12/2022
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/07/2014
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/03/2018
D558	Moisture-Density Relations of Soil-Cement Mixtures	05/12/2022
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/07/2014
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	05/12/2022
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/07/2014
D1883	The California Bearing Ratio	01/08/2025
D2216	Laboratory Determination of Moisture Content of Soils	05/15/2002
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	01/07/2014
D2844	Resistance R-Value and Expansion Pressure of Compacted Soils	05/15/2002
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	05/15/2002



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Soil (Continued)

Standard:

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D4318 Plastic Limit of Soils (Atterberg Limits)	05/15/2002
D4718 Oversize Particle Correction	05/12/2022
D4829 Expansion Index of Soils	01/08/2025
D4972 pH Testing of Soils	05/12/2022
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	05/12/2022
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/07/2014



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Aggregate

Standard:

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R76	Reducing Samples of Aggregate to Testing Size	05/15/2002
R90	Sampling Aggregate	01/03/2018
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	05/15/2002
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	01/03/2018
T21	Organic Impurities in Fine Aggregates for Concrete	01/03/2018
T27	Sieve Analysis of Fine and Coarse Aggregates	05/15/2002
T37	Sieve Analysis of Mineral Filler for Road and Paving Materials	05/15/2002
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/15/2002
T85	Specific Gravity and Absorption of Coarse Aggregate	05/15/2002
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	05/15/2002
T100 (Mineral Filler)	Specific Gravity of Mineral Filler on Asphalt Mixture Designs	01/03/2018
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	12/23/2014
T112	Clay Lumps and Friable Particles in Aggregate	01/03/2018
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	05/15/2002
T210	Aggregate Durability Index	05/15/2002
T255	Total Moisture Content of Aggregate by Drying	05/15/2002
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/15/2002
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	11/25/2014
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	01/03/2018
C40	Organic Impurities in Fine Aggregates for Concrete	01/03/2018
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	12/23/2014
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	05/15/2002
C127	Specific Gravity and Absorption of Coarse Aggregate	05/15/2002



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Aggregate (Continued)

Standard:		Accredited Since:
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/15/2002
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	05/15/2002
C136	Sieve Analysis of Fine and Coarse Aggregates	05/15/2002
C142	Clay Lumps and Friable Particles in Aggregate	01/03/2018
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	01/07/2014
C566	Total Moisture Content of Aggregate by Drying	05/15/2002
C702	Reducing Samples of Aggregate to Testing Size	05/15/2002
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/15/2002
D75	Sampling Aggregate	01/03/2018
D546	Sieve Analysis of Mineral Filler for Road and Paving Materials	05/15/2002
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	05/15/2002
D3744	Aggregate Durability Index	05/15/2002
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	05/15/2002
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	05/15/2002