



CERTIFICATE OF ACCREDITATION



Aragon Geotechnical Inc.

in

Riverside, 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', is written over a horizontal line.

Jim Tymon,
AASHTO Executive Director

A handwritten signature in black ink, appearing to read 'Matt Linneman', is written over a horizontal line.

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 03/21/2025 at 7:20 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	05/15/2002
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	05/15/2017
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	03/16/2022
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	12/09/2013
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	05/15/2017
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/09/2013
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/09/2013
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/16/2022
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/15/2017



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Asphalt Binder

Standard:

Accredited Since:

T49	Penetration of Original Sample of Asphalt Cement	07/25/2024
T51	Ductility of Bituminous Materials	07/25/2024
D5	Penetration of Original Sample of Asphalt Cement	07/25/2024
D113	Ductility of Bituminous Materials	07/25/2024



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Emulsified Asphalt

Standard:

Accredited Since:

T59	Aggregate Coating	07/25/2024
T59	Particle Charge	07/25/2024
T59	Residue by Distillation	07/25/2024
T59	Residue by Evaporation	07/25/2024
T59	Sieve Test	07/25/2024
D6933	Sieve Test	07/25/2024
D6934	Residue by Evaporation	07/25/2024
D6997	Residue by Distillation	07/25/2024
D6998	Aggregate Coating	07/25/2024
D7402	Particle Charge	07/25/2024



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Pavement Preservation

Standard:

Accredited Since:

D3910/D6372 Wet Track Abrasion Of Slurry Surfacing Systems

04/17/2023

TB-100 Wet Track Abrasion Of Slurry Surfacing Systems

04/17/2023



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Asphalt Mixture

Standard:	Accredited Since:
R30 Mixture Conditioning of Hot Mix Asphalt (HMA)	06/28/2019
R35 Superpave Volumetric Design for Hot Mix Asphalt (HMA)	06/28/2019
R47 Reducing Samples of Hot-Mix Asphalt to Testing Size	06/28/2019
R68 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	05/15/2002
R97 Sampling Bituminous Paving Mixtures	11/04/2022
T30 Mechanical Analysis of Extracted Aggregate	05/15/2002
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	04/17/2023
T247 Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	04/17/2023
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
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 Gyrotory Compactor	06/28/2019
T324 Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	06/28/2019
T329 Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	06/28/2019
T355 Density of Bituminous Concrete In Place by Nuclear Methods	06/28/2019
D979 Sampling Bituminous Paving Mixtures	06/28/2019
D1188 Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	05/15/2002
D1560 (Stability) Resistance to Deformation of Bituminous Mixtures by Means of Hveem Apparatus	04/17/2023
D1561 Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	04/17/2023



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Asphalt Mixture (Continued)

Standard:	Accredited Since:	
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/15/2002
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	12/09/2013
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	11/04/2022
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
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyrotory Compactor	06/28/2019
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



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/28/2019
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	10/27/2003
T90	Plastic Limit of Soils (Atterberg Limits)	10/27/2003
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/27/2003
T100	Specific Gravity of Soils	06/28/2019
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/27/2003
T190	Resistance R-Value and Expansion Pressure of Compacted Soils	04/17/2023
T191	Density of Soil In-Place by the Sand Cone Method	10/27/2003
T265	Laboratory Determination of Moisture Content of Soils	10/27/2003
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	10/27/2003
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/28/2019
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/27/2003
D1140	Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	06/28/2019
D1556	Density of Soil In-Place by the Sand Cone Method	10/27/2003
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/27/2003
D2216	Laboratory Determination of Moisture Content of Soils	10/27/2003
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	06/28/2019
D2488	Description and Identification of Soils (Visual-Manual Procedure)	06/28/2019
D2844	Resistance R-Value and Expansion Pressure of Compacted Soils	04/17/2023
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	10/27/2003
D4318	Plastic Limit of Soils (Atterberg Limits)	10/27/2003
D4718	Oversize Particle Correction	06/28/2019
D6913	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	06/28/2019



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Soil (Continued)

Standard:

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D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)

10/27/2003



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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	10/27/2003
R90	Sampling Aggregate	06/28/2019
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	10/27/2003
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	10/27/2003
T21	Organic Impurities in Fine Aggregates for Concrete	10/27/2003
T27	Sieve Analysis of Fine and Coarse Aggregates	10/27/2003
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/27/2003
T85	Specific Gravity and Absorption of Coarse Aggregate	10/27/2003
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	06/28/2019
T100 (Mineral Filler)	Specific Gravity of Mineral Filler on Asphalt Mixture Designs	06/28/2019
T112	Clay Lumps and Friable Particles in Aggregate	06/28/2019
T113	Lightweight Pieces in Aggregate	06/28/2019
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/27/2003
T210	Aggregate Durability Index	06/28/2019
T255	Total Moisture Content of Aggregate by Drying	12/09/2013
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/08/2015
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	06/28/2019
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	12/09/2013
C40	Organic Impurities in Fine Aggregates for Concrete	12/09/2013
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	06/28/2019
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	12/09/2013
C123	Lightweight Pieces in Aggregate	06/28/2019
C127	Specific Gravity and Absorption of Coarse Aggregate	12/09/2013



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Aggregate (Continued)

Standard:		Accredited Since:
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	12/09/2013
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	06/28/2019
C136	Sieve Analysis of Fine and Coarse Aggregates	12/09/2013
C142	Clay Lumps and Friable Particles in Aggregate	06/28/2019
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	06/28/2019
C566	Total Moisture Content of Aggregate by Drying	12/09/2013
C702	Reducing Samples of Aggregate to Testing Size	12/09/2013
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/08/2015
D75	Sampling Aggregate	06/28/2019
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	12/09/2013
D3744	Aggregate Durability Index	06/28/2019
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	06/28/2019
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	06/28/2019



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Concrete

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/02/2021
R39	Making and Curing Concrete Test Specimens in the Laboratory	08/02/2021
R60	Sampling Freshly Mixed Concrete	08/02/2021
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	08/02/2021
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	08/02/2021
T22	Compressive Strength of Cylindrical Concrete Specimens	08/02/2021
T24	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	08/02/2021
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	08/02/2021
T119	Slump of Hydraulic Cement Concrete	08/02/2021
T121	Density (Unit Weight), Yield, and Air Content of Concrete	08/02/2021
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	08/02/2021
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	08/02/2021
T231 (10000 psi and below)	Capping Cylindrical Concrete Specimens	01/27/2025
T309	Temperature of Freshly Mixed Portland Cement Concrete	08/02/2021
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	08/02/2021
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	08/02/2021
C39	Compressive Strength of Cylindrical Concrete Specimens	08/02/2021
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	08/02/2021
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	08/02/2021
C138	Density (Unit Weight), Yield, and Air Content of Concrete	08/02/2021
C143	Slump of Hydraulic Cement Concrete	08/02/2021
C172	Sampling Freshly Mixed Concrete	08/02/2021
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	08/02/2021



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Concrete (Continued)

Standard:		Accredited Since:
C192	Making and Curing Concrete Test Specimens in the Laboratory	08/02/2021
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	08/02/2021
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/02/2021
C617 (10000 psi and below)	Capping Cylindrical Concrete Specimens	01/27/2025
C1040	In-Place Density of Unhardened and Hardened Concrete, Including Roller Compacted Concrete, By Nuclear Methods	08/02/2021
C1064	Temperature of Freshly Mixed Portland Cement Concrete	08/02/2021
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	03/06/2023
C1542	Measuring Length of Concrete Cores	08/02/2021