



CERTIFICATE OF ACCREDITATION



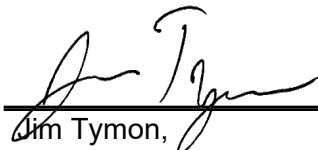
Integer Consulting LLC

in

Gilbert, Arizona, 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

This certificate was generated on 10/27/2026 at 1:08 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Integer Consulting LLC

in Gilbert, Arizona, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	05/17/2018
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	06/24/2026
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	10/22/2026
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	12/07/2020
D3666 (Asphalt Binder)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	02/13/2026
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	12/07/2020
D3666 (Emulsified Asphalt)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/22/2022
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	06/24/2026
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/24/2026
E329 (Asphalt Binder)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/24/2026
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/24/2026
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/22/2026
E329 (Emulsified Asphalt)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/24/2026
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/24/2026



SCOPE OF AASHTO ACCREDITATION FOR:

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Asphalt Binder

Standard:

Accredited Since:

R28	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	01/14/2021
T44	Solubility of Asphalt Materials in Trichloroethylene	05/17/2018
T48	Flash Point by Cleveland Open Cup	01/14/2021
T49	Penetration of Original Sample of Asphalt Cement	05/17/2018
T51	Ductility of Bituminous Materials	05/17/2018
T53	Softening Point of Bitumen (Ring-and-Ball Apparatus)	05/17/2018
T228	Specific Gravity (Relative Density) of Asphalt Cement	01/14/2021
T240	Rolling Thin-Film Oven Testing	02/20/2025
T301	Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	05/17/2018
T313	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	09/23/2025
T315	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	01/14/2021
T316	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	01/14/2021
T350	Multiple Stress Creep and Recovery (MSCR)	01/14/2021
D5	Penetration of Original Sample of Asphalt Cement	05/17/2018
D36	Softening Point of Bitumen (Ring-and-Ball Apparatus)	05/17/2018
D70	Specific Gravity (Relative Density) of Asphalt Cement	01/14/2021
D92	Flash Point by Cleveland Open Cup	01/14/2021
D113	Ductility of Bituminous Materials	05/17/2018
D2042	Solubility of Asphalt Materials in Trichloroethylene	05/17/2018
D2872	Rolling Thin-Film Oven Testing	02/20/2025
D4402	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	01/14/2021
D6084	Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer	05/17/2018
D6521	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	01/14/2021



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Asphalt Binder (Continued)

Standard:

Accredited Since:

D6648 Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	09/23/2025
D7175 Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	01/14/2021
D7405 Multiple Stress Creep and Recovery (MSCR)	01/14/2021



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Emulsified Asphalt

Standard:		Accredited Since:
T59	Aggregate Coating	05/17/2018
T59	Freezing	05/17/2018
T59	Residue by Distillation	09/23/2025
T59	Residue by Evaporation	05/17/2018
T59	Settlement and Storage Stability	05/17/2018
T59	Sieve Test	05/17/2018
T59-T72	Saybolt Furol Viscosity at 25°C (77°F)	05/17/2018
T59-T72	Saybolt Furol Viscosity at 50°C (122°F)	05/17/2018
D6929	Freezing	05/17/2018
D6930	Settlement and Storage Stability	05/17/2018
D6933	Sieve Test	05/17/2018
D6934	Residue by Evaporation	05/17/2018
D6997	Residue by Distillation	09/23/2025
D6998	Aggregate Coating	05/17/2018
D7496-D88	Saybolt Furol Viscosity at 25°C (77°F)	05/17/2018
D7496-D88	Saybolt Furol Viscosity at 50°C (122°F)	05/17/2018



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Pavement Preservation

Standard:

Accredited Since:

D3910	Measurement of Slurry Seal Consistency (Cone Consistency)	05/17/2018
D6372	Loaded Wheel Test, Vertical and Lateral Displacement of Cold Mixes (LWT)	05/17/2018
D3910/D6372	Determining Set Time for Slurry Seal and Micro-Surfacing Systems (Blot Test)	05/17/2018
D3910/D6372	Set and Cure Development of Slurry Surfacing Systems by Cohesion Tester	05/17/2018
D3910/D6372	Wet Track Abrasion Of Slurry Surfacing Systems	05/17/2018
TB-100	Wet Track Abrasion Of Slurry Surfacing Systems	05/17/2018
TB-106	Measurement of Slurry Seal Consistency (Cone Consistency)	05/17/2018
TB-109	Excess Asphalt in Bituminous Mixtures by Loaded Wheel and Sand Adhesion	05/17/2018
TB-113	Determining Mix Time for Slurry Surfacing Systems	05/17/2018
TB-114	Wet Stripping of Cured Slurry Surfacing Mixtures	05/17/2018
TB-139	Set and Cure Development of Slurry Surfacing Systems by Cohesion Tester	05/17/2018
TB-147	Loaded Wheel Test, Vertical and Lateral Displacement of Cold Mixes (LWT)	05/17/2018



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Asphalt Mixture

Standard:

Accredited Since:

R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	05/17/2018
R35	Superpave Volumetric Design for Hot Mix Asphalt (HMA)	05/17/2018
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	05/17/2018
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	05/17/2018
R97	Sampling Bituminous Paving Mixtures	08/22/2022
T30	Mechanical Analysis of Extracted Aggregate	05/17/2018
T164	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	01/14/2021
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	05/17/2018
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/17/2018
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	05/17/2018
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/17/2018
T275	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	05/17/2018
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	05/17/2018
T287	Asphalt Content of Bituminous Mixtures by the Nuclear Method	08/22/2022
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	05/17/2018
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	05/17/2018
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	05/17/2018
T355	Density of Bituminous Concrete In Place by Nuclear Methods	05/17/2018
D979	Sampling Bituminous Paving Mixtures	05/17/2018
D1188	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	09/23/2025
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/17/2018
D2172	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	01/14/2021
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	05/17/2018



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Asphalt Mixture (Continued)

Standard:

Accredited Since:

D2950 Density of Bituminous Concrete In Place by Nuclear Methods	05/17/2018
D3203 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/17/2018
D3549 Thickness or Height of Compacted Bituminous Paving Mixture Specimens	08/22/2022
D4125 Asphalt Content of Bituminous Mixtures by the Nuclear Method	08/22/2022
D4867 Resistance of Compacted Mixtures to Moisture Induced Damage	05/17/2018
D5404 Recovery of Asphalt from Solution Using the Rotavapor Apparatus	01/14/2021
D5444 Mechanical Analysis of Extracted Aggregate	05/17/2018
D6307 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	05/17/2018
D6925 Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	05/17/2018
D6926 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	05/17/2018
D6927 Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	05/17/2018



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	05/17/2018
R74	Wet Preparation of Disturbed Soil Samples for Test	05/17/2018
T88	Particle Size Analysis of Soils by Hydrometer	08/22/2022
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	05/17/2018
T90	Plastic Limit of Soils (Atterberg Limits)	05/17/2018
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	05/17/2018
T100	Specific Gravity of Soils	05/17/2018
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/17/2018
T191	Density of Soil In-Place by the Sand Cone Method	05/17/2018
T217	Determination of Moisture in Soils by Means of a Calcium Carbide Gas Pressure Moisture Tester	08/22/2022
T265	Laboratory Determination of Moisture Content of Soils	08/22/2022
T289	pH of Soils for Corrosion Testing	05/17/2018
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	05/17/2018
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	05/17/2018
D422	Particle Size Analysis of Soils by Hydrometer	08/22/2022
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	05/17/2018
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	08/22/2022
D1556	Density of Soil In-Place by the Sand Cone Method	05/17/2018
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/17/2018
D2216	Laboratory Determination of Moisture Content of Soils	08/22/2022
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	05/17/2018
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	05/17/2018
D4318	Plastic Limit of Soils (Atterberg Limits)	05/17/2018



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Soil (Continued)

Standard:

Accredited Since:

D4546 One-Dimensional Swell or Settlement Potential of Cohesive Soils	08/22/2022
D4829 Expansion Index of Soils	08/22/2022
D4944 Determination of Moisture in Soils by Means of a Calcium Carbide Gas Pressure Moisture Tester	08/22/2022
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	05/17/2018



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Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	05/17/2018
R90	Sampling Aggregate	05/17/2018
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	05/17/2018
T27	Sieve Analysis of Fine and Coarse Aggregates	05/17/2018
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/17/2018
T85	Specific Gravity and Absorption of Coarse Aggregate	05/17/2018
T100 (Mineral Filler)	Specific Gravity of Mineral Filler on Asphalt Mixture Designs	08/22/2022
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	05/17/2018
T255	Total Moisture Content of Aggregate by Drying	05/17/2018
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/17/2018
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	05/17/2018
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	05/17/2018
C127	Specific Gravity and Absorption of Coarse Aggregate	05/17/2018
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/17/2018
C136	Sieve Analysis of Fine and Coarse Aggregates	05/17/2018
C566	Total Moisture Content of Aggregate by Drying	05/17/2018
C702	Reducing Samples of Aggregate to Testing Size	05/17/2018
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/17/2018
D75	Sampling Aggregate	05/17/2018
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	05/17/2018
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	05/17/2018
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	08/22/2022



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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	12/13/2018
R60	Sampling Freshly Mixed Concrete	12/13/2018
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/13/2018
T22	Compressive Strength of Cylindrical Concrete Specimens	12/13/2018
T119	Slump of Hydraulic Cement Concrete	12/13/2018
T121	Density (Unit Weight), Yield, and Air Content of Concrete	12/13/2018
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	12/13/2018
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	12/13/2018
T231 (8000 psi and below)	Capping Cylindrical Concrete Specimens	07/16/2021
T309	Temperature of Freshly Mixed Portland Cement Concrete	12/13/2018
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/13/2018
C39	Compressive Strength of Cylindrical Concrete Specimens	12/13/2018
C138	Density (Unit Weight), Yield, and Air Content of Concrete	12/13/2018
C143	Slump of Hydraulic Cement Concrete	12/13/2018
C172	Sampling Freshly Mixed Concrete	12/13/2018
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	12/13/2018
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	12/13/2018
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	12/13/2018
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	07/16/2021
C1064	Temperature of Freshly Mixed Portland Cement Concrete	12/13/2018
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	12/13/2018