AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Ninyo & Moore – a SOCOTEC company

in

Salt Lake City, Utah, 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	01/05/2021
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/26/2021
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	02/16/2021
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/01/2025
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/01/2025
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	01/26/2021
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/01/2025
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/01/2025
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/16/2021
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/22/2025

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Asphalt Mixture

Standard:		Accredited Since:
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	06/25/2025
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	01/05/2021
T30	Mechanical Analysis of Extracted Aggregate	01/05/2021
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	11/06/2023
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	01/05/2021
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	01/05/2021
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	06/25/2025
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	01/05/2021
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	11/06/2023
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	06/25/2025
T355	Density of Bituminous Concrete In Place by Nuclear Methods	06/25/2025
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	01/05/2021
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	11/06/2023
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	06/25/2025
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	06/25/2025
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	01/05/2021
D5444	Mechanical Analysis of Extracted Aggregate	01/05/2021
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	01/05/2021
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	11/06/2023
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	01/05/2021
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	01/05/2021

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/05/2021
R74	Wet Preparation of Disturbed Soil Samples for Test	06/25/2025
T88	Particle Size Analysis of Soils by Hydrometer	01/05/2021
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	01/05/2021
T90	Plastic Limit of Soils (Atterberg Limits)	01/05/2021
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/05/2021
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/05/2021
T191	Density of Soil In-Place by the Sand Cone Method	01/05/2021
T193	The California Bearing Ratio	01/05/2021
T265	Laboratory Determination of Moisture Content of Soils	01/05/2021
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/05/2021
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/05/2021
D422	Particle Size Analysis of Soils by Hydrometer	01/05/2021
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/05/2021
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	01/05/2021
D1556	Density of Soil In-Place by the Sand Cone Method	01/05/2021
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/05/2021
D1883	The California Bearing Ratio	01/05/2021
D2216	Laboratory Determination of Moisture Content of Soils	01/05/2021
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	01/05/2021
D2488	Description and Identification of Soils (Visual-Manual Procedure)	06/25/2025
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	01/05/2021
D4318	Plastic Limit of Soils (Atterberg Limits)	01/05/2021

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Soil (Continued)

Standard:	Accredited Since:
D4718 Oversize Particle Correction	06/25/2025
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	01/05/2021
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/05/2021

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	01/05/2021
R90	Sampling Aggregate	06/25/2025
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	01/05/2021
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	06/25/2025
T21	Organic Impurities in Fine Aggregates for Concrete	06/25/2025
T27	Sieve Analysis of Fine and Coarse Aggregates	01/05/2021
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/05/2021
T85	Specific Gravity and Absorption of Coarse Aggregate	01/05/2021
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	01/05/2021
T112	Clay Lumps and Friable Particles in Aggregate	01/05/2021
T113	Lightweight Pieces in Aggregate	01/05/2021
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	01/05/2021
T255	Total Moisture Content of Aggregate by Drying	01/05/2021
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	01/05/2021
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	06/25/2025
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	06/25/2025
C40	Organic Impurities in Fine Aggregates for Concrete	06/25/2025
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	01/05/2021
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	01/05/2021
C123	Lightweight Pieces in Aggregate	01/05/2021
C127	Specific Gravity and Absorption of Coarse Aggregate	01/05/2021
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/05/2021
C136	Sieve Analysis of Fine and Coarse Aggregates	01/05/2021

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Aggregate (Continued)

Standard:	Accredited Since:
C142 Clay Lumps and Friable Particles in Aggregate	01/05/2021
C566 Total Moisture Content of Aggregate by Drying	01/05/2021
C702 Reducing Samples of Aggregate to Testing Size	01/05/2021
C1252 Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	01/05/2021
D75 Sampling Aggregate	06/25/2025
D2419 Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	01/05/2021
D4791 Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	01/05/2021
D5821 Determining the Percentage of Fractured Particles in Coarse Aggregate	01/05/2021

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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	02/16/2021
R39	Making and Curing Concrete Test Specimens in the Laboratory	02/16/2021
R60	Sampling Freshly Mixed Concrete	02/16/2021
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	02/16/2021
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/16/2021
T22	Compressive Strength of Cylindrical Concrete Specimens	02/16/2021
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	02/16/2021
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	02/16/2021
T119	Slump of Hydraulic Cement Concrete	02/16/2021
T121	Density (Unit Weight), Yield, and Air Content of Concrete	02/16/2021
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	02/16/2021
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/16/2021
T231 (5000 psi and below)	Capping Cylindrical Concrete Specimens	04/04/2023
T309	Temperature of Freshly Mixed Portland Cement Concrete	02/16/2021
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	02/16/2021
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/16/2021
C39	Compressive Strength of Cylindrical Concrete Specimens	02/16/2021
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	02/16/2021
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	02/16/2021
C138	Density (Unit Weight), Yield, and Air Content of Concrete	02/16/2021
C143	Slump of Hydraulic Cement Concrete	02/16/2021
C172	Sampling Freshly Mixed Concrete	02/16/2021
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/16/2021

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Concrete (Continued)

Standard:		Accredited Since:
C192	Making and Curing Concrete Test Specimens in the Laboratory	02/16/2021
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	02/16/2021
C495	Compressive Strength of Lightweight Insulating Concrete	07/06/2026
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	02/16/2021
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	04/04/2023
C1064	Temperature of Freshly Mixed Portland Cement Concrete	02/16/2021
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	02/16/2021
C1542	Measuring Length of Concrete Cores	02/16/2021

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Masonry

Standard:		Accredited Since:
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/07/2021
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	02/16/2021
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	05/10/2023
C1019	Sampling and Testing Grout	04/07/2021

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