



CERTIFICATE OF ACCREDITATION



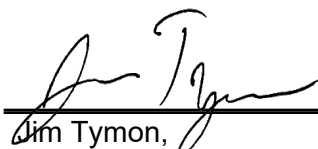
Lumos & Associates, Inc.

in

Fallon, Nevada, 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 08/11/2026 at 8:06 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Lumos & Associates, Inc.

in Fallon, Nevada, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/06/2020
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	04/06/2020
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	04/14/2021
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	04/06/2020
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	04/06/2020
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	04/06/2020
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/06/2020
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/06/2020
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/14/2021
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/06/2020



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Asphalt Mixture

Standard:

Accredited Since:

R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	04/06/2020
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	04/06/2020
T30	Mechanical Analysis of Extracted Aggregate	04/06/2020
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/06/2020
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/06/2020
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	04/06/2020
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/06/2020
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/06/2020
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	04/06/2020
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/06/2020
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/06/2020
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/06/2020
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	04/06/2020
D5444	Mechanical Analysis of Extracted Aggregate	04/06/2020
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/06/2020
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	04/06/2020
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	04/06/2020



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/06/2020
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	04/06/2020
T90	Plastic Limit of Soils (Atterberg Limits)	04/06/2020
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/06/2020
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/06/2020
T265	Laboratory Determination of Moisture Content of Soils	04/06/2020
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/06/2020
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/06/2020
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/06/2020
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	04/06/2020
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/06/2020
D2216	Laboratory Determination of Moisture Content of Soils	04/06/2020
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	01/27/2025
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	04/06/2020
D4318	Plastic Limit of Soils (Atterberg Limits)	04/06/2020
D4718	Oversize Particle Correction	04/06/2020
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/06/2020



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Aggregate

Standard:

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R76 Reducing Samples of Aggregate to Testing Size	04/06/2020
R90 Sampling Aggregate	04/06/2020
T11 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	04/06/2020
T27 Sieve Analysis of Fine and Coarse Aggregates	04/06/2020
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/06/2020
T85 Specific Gravity and Absorption of Coarse Aggregate	04/06/2020
T255 Total Moisture Content of Aggregate by Drying	04/06/2020
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	04/06/2020
C127 Specific Gravity and Absorption of Coarse Aggregate	04/06/2020
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/06/2020
C136 Sieve Analysis of Fine and Coarse Aggregates	04/06/2020
C566 Total Moisture Content of Aggregate by Drying	04/06/2020
C702 Reducing Samples of Aggregate to Testing Size	04/06/2020
D75 Sampling Aggregate	04/06/2020



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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	05/29/2025
R60	Sampling Freshly Mixed Concrete	12/30/2024
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	05/29/2025
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	05/29/2025
T22	Compressive Strength of Cylindrical Concrete Specimens	05/29/2025
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	05/29/2025
T119	Slump of Hydraulic Cement Concrete	12/30/2024
T121	Density (Unit Weight), Yield, and Air Content of Concrete	12/30/2024
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	12/30/2024
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	12/30/2024
T231 (6000 psi and below)	Capping Cylindrical Concrete Specimens	05/29/2025
T309	Temperature of Freshly Mixed Portland Cement Concrete	05/29/2025
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	04/14/2021
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/14/2021
C39	Compressive Strength of Cylindrical Concrete Specimens	04/14/2021
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/14/2021
C138	Density (Unit Weight), Yield, and Air Content of Concrete	04/14/2021
C143	Slump of Hydraulic Cement Concrete	04/14/2021
C172	Sampling Freshly Mixed Concrete	04/14/2021
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	04/14/2021
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	04/14/2021
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/14/2021
C617 (6000 psi and below)	Capping Cylindrical Concrete Specimens	12/30/2024



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Concrete (Continued)

Standard:

Accredited Since:

C1064	Temperature of Freshly Mixed Portland Cement Concrete	04/14/2021
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	04/14/2021