



CERTIFICATE OF ACCREDITATION



Terracon Consultants, Inc.

in

Wheat Ridge, Colorado, 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).

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 10/27/2026 at 1:33 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Terracon Consultants, Inc.

in Wheat Ridge, Colorado, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/13/2005
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	10/31/2016
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	10/13/2015
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	01/10/2011
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	11/21/2018
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	11/21/2018
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	11/21/2018
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/21/2018
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/21/2018
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/13/2015
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/13/2013
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/21/2018
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/20/2025



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Asphalt Mixture

Standard:

Accredited Since:

R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	03/30/2026
T30	Mechanical Analysis of Extracted Aggregate	04/13/2005
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/13/2005
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/13/2005
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/13/2005
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/13/2005
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	04/13/2005
T355	Density of Bituminous Concrete In Place by Nuclear Methods	11/21/2018
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/13/2005
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/13/2005
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	11/21/2018
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	04/13/2005
D5444	Mechanical Analysis of Extracted Aggregate	04/13/2005
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/13/2005
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	04/13/2005
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	03/30/2026
CP-L 5115	HMA Superpave Gyratory Compactor (Colorado)	05/15/2012



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	11/21/2018
R74	Wet Preparation of Disturbed Soil Samples for Test	11/21/2018
T88	Particle Size Analysis of Soils by Hydrometer	10/31/2014
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	04/13/2005
T90	Plastic Limit of Soils (Atterberg Limits)	04/13/2005
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/13/2005
T100	Specific Gravity of Soils	02/20/2025
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/13/2005
T193	The California Bearing Ratio	11/21/2018
T208	Unconfined Compressive Strength of Cohesive Soil	11/21/2018
T265	Laboratory Determination of Moisture Content of Soils	04/13/2005
T290 (Method B)	Determining Water-Soluble Sulfate Ion Content in Soil	02/20/2025
T291	Determining Water-Soluble Chloride Ion Content in Soil	02/20/2025
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	11/21/2018
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	11/21/2018
D422	Particle Size Analysis of Soils by Hydrometer	10/31/2014
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/13/2005
D854	Specific Gravity of Soils	03/24/2025
D1140	Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	11/21/2018
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/13/2005
D1883	The California Bearing Ratio	11/21/2018
D2166	Unconfined Compressive Strength of Cohesive Soil	11/21/2018
D2216	Laboratory Determination of Moisture Content of Soils	04/13/2005



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Soil (Continued)

Standard:	Accredited Since:	
D2434	Permeability of Granular Soils (Constant Head)	02/20/2025
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	11/21/2018
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	04/13/2005
D2488	Description and Identification of Soils (Visual-Manual Procedure)	04/13/2005
D2850	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	11/21/2018
D2974	Determination of Organic Content in Soils by Loss on Ignition	02/20/2025
D3080	Direct Shear Test of Soils Under Consolidated Drained Conditions	11/21/2018
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	04/13/2005
D4318	Plastic Limit of Soils (Atterberg Limits)	04/13/2005
D4546	One-Dimensional Swell or Settlement Potential of Cohesive Soils	11/21/2018
D4767	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	11/21/2018
D4972	pH Testing of Soils	02/20/2025
D5084	Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	11/21/2018
D5334	Determination of Thermal Conductivity of Soil and Rock by Thermal Needle Probe	03/30/2026
D6913	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	11/21/2018
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	11/21/2018
D7263	Density and Unit Weight of Soil	02/20/2025
D7928	Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	11/21/2018
G57	Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	02/20/2025



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Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	11/21/2018
R90	Sampling Aggregate	11/21/2018
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	04/13/2005
T27	Sieve Analysis of Fine and Coarse Aggregates	04/13/2005
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/15/2012
T85	Specific Gravity and Absorption of Coarse Aggregate	05/15/2012
T112	Clay Lumps and Friable Particles in Aggregate	02/20/2025
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	03/24/2025
T255	Total Moisture Content of Aggregate by Drying	11/21/2018
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	04/13/2005
C127	Specific Gravity and Absorption of Coarse Aggregate	05/15/2012
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/15/2012
C136	Sieve Analysis of Fine and Coarse Aggregates	04/13/2005
C142	Clay Lumps and Friable Particles in Aggregate	02/20/2025
C566	Total Moisture Content of Aggregate by Drying	11/21/2018
C702	Reducing Samples of Aggregate to Testing Size	11/21/2018
D75	Sampling Aggregate	11/21/2018
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	03/24/2025
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	02/20/2025



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Sprayed Fire-Resistive Material

Standard:

Accredited Since:

E605 Thickness and Density of Sprayed Fire-Resistive Material(SFRM) Applied to Structural Members

05/15/2012

E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members

05/15/2012



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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
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 (7000 psi and below)	Capping Cylindrical Concrete Specimens	02/16/2021
T309	Temperature of Freshly Mixed Portland Cement Concrete	02/16/2021
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	12/01/2009
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/01/2009
C39	Compressive Strength of Cylindrical Concrete Specimens	12/01/2009
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	12/01/2009
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	12/01/2009
C138	Density (Unit Weight), Yield, and Air Content of Concrete	12/01/2009
C143	Slump of Hydraulic Cement Concrete	12/01/2009
C172	Sampling Freshly Mixed Concrete	12/01/2009
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	12/01/2009
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	05/30/2014



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Concrete (Continued)

Standard:

Accredited Since:

C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/13/2013
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	06/13/2013
C1064	Temperature of Freshly Mixed Portland Cement Concrete	12/01/2009
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	06/13/2013
C1542	Measuring Length of Concrete Cores	10/13/2015



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Masonry

Standard:

Accredited Since:

C140 (Concrete Masonry Units) Sampling and Testing Concrete Masonry Units and Related Units	12/01/2009
C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/13/2013
C1019 Sampling and Testing Grout	12/01/2009
C1314 Compressive Strength of Masonry Prisms	12/01/2009
C1552 Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	12/01/2009