



CERTIFICATE OF ACCREDITATION



Terracon Consultants, Inc.

in

Cincinnati, Ohio, 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 3:26 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 Cincinnati, Ohio, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	01/01/2000
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	07/25/2018
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	04/28/2023
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	02/24/2026
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	07/25/2018
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	07/25/2018
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	07/25/2018
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/25/2018
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/25/2018
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/28/2023
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/27/2018



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Asphalt Mixture

Standard:

Accredited Since:

T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	07/25/2018
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	01/07/2005
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	01/07/2005
T355	Density of Bituminous Concrete In Place by Nuclear Methods	08/14/2024
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	01/07/2005
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	07/25/2018
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	08/14/2024
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	01/07/2005



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/01/2000
T88	Particle Size Analysis of Soils by Hydrometer	01/03/2024
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	01/01/2000
T90	Plastic Limit of Soils (Atterberg Limits)	01/01/2000
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/01/2000
T100	Specific Gravity of Soils	01/01/2000
T134	Moisture-Density Relations of Soil-Cement Mixtures	04/21/2016
T135	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	04/21/2016
T136	Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	08/14/2024
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/01/2000
T191	Density of Soil In-Place by the Sand Cone Method	01/01/2000
T193	The California Bearing Ratio	Suspended
T208	Unconfined Compressive Strength of Cohesive Soil	01/01/2000
T215	Permeability of Granular Soils (Constant Head)	01/01/2000
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	01/01/2000
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	01/01/2000
T265	Laboratory Determination of Moisture Content of Soils	01/01/2000
T267	Determination of Organic Content in Soils by Loss on Ignition	01/01/2000
T289	pH of Soils for Corrosion Testing	11/19/2024
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	01/01/2000
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	01/01/2000
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/01/2000
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/01/2000



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Soil (Continued)

Standard:	Accredited Since:
D422 Particle Size Analysis of Soils by Hydrometer	01/03/2024
D558 Moisture-Density Relations of Soil-Cement Mixtures	04/21/2016
D559 Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	04/21/2016
D560 Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	08/14/2024
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/01/2000
D854 Specific Gravity of Soils	01/01/2000
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	01/01/2000
D1556 Density of Soil In-Place by the Sand Cone Method	01/01/2000
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/01/2000
D1633 Compressive Strength of Molded Soil-Cement Cylinders	08/14/2024
D1883 The California Bearing Ratio	Suspended
D2166 Unconfined Compressive Strength of Cohesive Soil	01/01/2000
D2216 Laboratory Determination of Moisture Content of Soils	01/01/2000
D2434 Permeability of Granular Soils (Constant Head)	01/01/2000
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	01/01/2000
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	03/29/2021
D2488 Description and Identification of Soils (Visual-Manual Procedure)	03/29/2021
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	01/01/2000
D2937 Density of Soil in Place by the Drive-Cylinder Method	04/21/2016
D2974 Determination of Organic Content in Soils by Loss on Ignition	08/29/2011
D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions	03/29/2021
D4254 Minimum Index Density and Unit Weight of Soils and Calculation of Relative Density	03/29/2021
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	01/01/2000



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Soil (Continued)

Standard:	Accredited Since:
D4318 Plastic Limit of Soils (Atterberg Limits)	01/01/2000
D4546 One-Dimensional Swell or Settlement Potential of Cohesive Soils	01/01/2000
D4643 Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	04/21/2016
D4718 Oversize Particle Correction	07/25/2018
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	01/01/2000
D4972 pH Testing of Soils	08/29/2011
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	01/01/2000
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	08/14/2024
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/01/2000
D7263 Density and Unit Weight of Soil	08/14/2024
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	Suspended
G57 Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	03/29/2021
G187 Soil Resistivity Using the Two-Electrode Soil Box	08/14/2024



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Rock

Standard:

Accredited Since:

D3967	Splitting Tensile Strength of Intact Rock Core Specimens	03/29/2021
D4543	Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	03/29/2021
D4644	Slake Durability of Shales and Weak Rocks	08/29/2011
D5731	Point Load Strength Index of Rock	07/25/2018
D7012 (Method C)	Compressive Strength of Rock Core Specimens (Method C)	03/29/2021
D7012 (Method D)	Compressive Strength of Rock Core Specimens (Method D)	08/14/2024



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Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	04/23/2003
R90	Sampling Aggregate	04/21/2016
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	04/23/2003
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	04/28/2023
T21	Organic Impurities in Fine Aggregates for Concrete	04/23/2003
T27	Sieve Analysis of Fine and Coarse Aggregates	04/23/2003
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/21/2016
T85	Specific Gravity and Absorption of Coarse Aggregate	04/23/2003
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/23/2003
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	04/23/2003
T112	Clay Lumps and Friable Particles in Aggregate	04/23/2003
T113	Lightweight Pieces in Aggregate	04/23/2003
T255	Total Moisture Content of Aggregate by Drying	04/23/2003
T327	Resistance to Abrasion by Micro-Deval (Coarse Aggregate)	07/25/2018
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	04/21/2016
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	04/28/2023
C40	Organic Impurities in Fine Aggregates for Concrete	04/23/2003
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	04/23/2003
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	04/23/2003
C123	Lightweight Pieces in Aggregate	04/23/2003
C127	Specific Gravity and Absorption of Coarse Aggregate	04/23/2003
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/21/2016
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/23/2003



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Aggregate (Continued)

Standard:		Accredited Since:
C136	Sieve Analysis of Fine and Coarse Aggregates	04/23/2003
C142	Clay Lumps and Friable Particles in Aggregate	04/23/2003
C295	Petrographic Examination of Aggregates for Concrete	10/17/2019
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/23/2003
C566	Total Moisture Content of Aggregate by Drying	04/23/2003
C702	Reducing Samples of Aggregate to Testing Size	04/23/2003
D75	Sampling Aggregate	04/21/2016
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	04/23/2003
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	04/23/2003
D6928	Resistance to Abrasion by Micro-Deval (Coarse Aggregate)	07/25/2018
D7428	Resistance to Abrasion by Micro-Deval (Fine Aggregate)	07/25/2018
CRD-C130	Estimating Scratch Test Hardness of Coarse Aggregate Particles	03/29/2021



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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

07/25/2018

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

07/25/2018



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Iron and Steel

Standard:

Accredited Since:

M31-T244 Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	11/28/2022
M31-T244 Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	11/28/2022
M31-T244 Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	08/23/2024
M31-T285 Carbon-Steel Bars, Deformed and Plain: Bend Test	11/28/2022
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	10/31/2019
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	10/31/2019
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	08/23/2024
A615-E290 Carbon-Steel Bars, Deformed and Plain: Bend Test	10/31/2019
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Elongation)	10/31/2019
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	10/31/2019
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Yield Strength)	08/23/2024
A706-E290 Low Alloy Steel Bars, Deformed and Plain: Bend Test	10/31/2019
F3125 Externally Threaded Fasteners (Bolts): Rotational Capacity	03/29/2021



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Concrete

Standard:

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M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/29/2014
R39	Making and Curing Concrete Test Specimens in the Laboratory	07/15/2000
R60	Sampling Freshly Mixed Concrete	07/15/2000
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	07/15/2000
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	07/15/2000
T22	Compressive Strength of Cylindrical Concrete Specimens	07/15/2000
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	07/15/2000
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	07/15/2000
T119	Slump of Hydraulic Cement Concrete	04/28/2023
T121	Density (Unit Weight), Yield, and Air Content of Concrete	04/28/2023
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	07/15/2000
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	02/24/2026
T161	Resistance of Concrete to Rapid Freezing and Thawing	09/29/2014
T177	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)	09/29/2014
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	09/29/2014
T198	Splitting Tensile Strength of Cylindrical Concrete Specimens	02/24/2026
T231 (6000 psi and below)	Capping Cylindrical Concrete Specimens	02/24/2026
T277	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	02/24/2026
T309	Temperature of Freshly Mixed Portland Cement Concrete	07/15/2000
T325	Estimating Concrete Strength by the Maturity Method	02/24/2026
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	07/15/2000
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	07/15/2000
C39	Compressive Strength of Cylindrical Concrete Specimens	07/15/2000



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Concrete (Continued)

Standard:		Accredited Since:
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	07/15/2000
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	07/15/2000
C138	Density (Unit Weight), Yield, and Air Content of Concrete	04/28/2023
C143	Slump of Hydraulic Cement Concrete	04/28/2023
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	02/24/2026
C172	Sampling Freshly Mixed Concrete	07/15/2000
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	03/27/2012
C192	Making and Curing Concrete Test Specimens in the Laboratory	07/15/2000
C215	Fundamental Transverse, Longitudinal and Torsional Frequencies of Concrete Specimens	07/15/2000
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	07/15/2000
C293	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)	07/15/2000
C341	Length Change of Cast, Drilled, or Sawed Specimens of Hydraulic-Cement Mortar and Concrete	02/24/2026
C457	Microscopical Determination of Parameters of the Air-Void System in Hardened Concrete	07/15/2000
C469	Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression	02/24/2026
C496	Splitting Tensile Strength of Cylindrical Concrete Specimens	02/24/2026
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	03/27/2012
C617 (6000 psi and below)	Capping Cylindrical Concrete Specimens	02/24/2026
C642	Density, Absorption, and Voids in Hardened Concrete	02/24/2026
C666	Resistance of Concrete to Rapid Freezing and Thawing	07/15/2000
C803	Penetration Resistance of Hardened Concrete	10/17/2019
C805	Rebound Number of Hardened Concrete	10/17/2019
C856	Petrographic Examination of Hardened Concrete	11/28/2022
C876	Corrosion Potentials of Uncoated Reinforcing Steel in Concrete	10/17/2019



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in Cincinnati, Ohio, USA

Concrete (Continued)

Standard:		Accredited Since:
C1064	Temperature of Freshly Mixed Portland Cement Concrete	07/15/2000
C1074	Estimating Concrete Strength by the Maturity Method	02/24/2026
C1140 (Obtaining and Testing Specimens)	Preparing and Testing Specimens from Shotcrete Test Panels	11/28/2022
C1152	Acid-Soluble Chloride in Mortar and Concrete	04/04/2023
C1202	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	02/24/2026
C1218	Water-Soluble Chloride in Mortar and Concrete	04/04/2023
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	09/29/2014
C1383	Measuring the P-Wave Speed and the Thickness of Concrete Plates Using the Impact-Echo Method	10/17/2019
C1542	Measuring Length of Concrete Cores	09/29/2014



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Controlled Low Strength Material (CLSM)

Standard:

Accredited Since:

D4832 Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders

02/24/2026

D5971 Sampling Freshly Mixed Controlled Low-Strength Material (CLSM)

02/24/2026



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Dimension Stone

Standard:

Accredited Since:

C97 Absorption and Bulk Specific Gravity of Dimension Stone

11/28/2022

C170 Compressive Strength of Dimension Stone

11/28/2022



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Masonry

Standard:

Accredited Since:

C67	Brick: Absorption	01/10/2023
C67	Brick: Capping	01/10/2023
C67	Brick: Compressive Strength	01/10/2023
C67	Brick: Measurement	01/10/2023
C67	Brick: Specimen Preparation	01/10/2023
C140 (Full-Size Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	02/24/2026
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	02/24/2026
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	02/24/2026
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	02/24/2026
C1019	Sampling and Testing Grout	02/24/2026
C1314 (Prisms Constructed of Reduced-Size Concrete Masonry Units)	Compressive Strength of Masonry Prisms	02/24/2026
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	02/24/2026



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Ultra-High Performance Concrete (UHPC)

Standard:

Accredited Since:

C1856-C39 Compressive Strength of Cylindrical Ultra-High Performance Concrete Specimens

02/24/2026

C1856-C511 Curing Specimens of Ultra-High Performance Concrete

02/24/2026