



CERTIFICATE OF ACCREDITATION



Terracon Consultants, Inc.

in

Virginia Beach, Virginia, 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 1:44 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 Virginia Beach, Virginia, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	01/14/2009
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	05/29/2013
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	05/29/2013
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	05/29/2013
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/25/2019
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	11/20/2012
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/29/2013
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/04/2026
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/09/2013
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/20/2012
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/04/2026



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Asphalt Mixture

Standard:

Accredited Since:

R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	05/04/2026
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	12/06/2018
T30	Mechanical Analysis of Extracted Aggregate	12/06/2018
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	09/21/2021
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	12/06/2018
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	12/06/2018
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	12/06/2018
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	05/04/2026
T355	Density of Bituminous Concrete In Place by Nuclear Methods	05/19/2021
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	12/06/2018
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	09/21/2021
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	05/19/2021
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	12/06/2018
D5444	Mechanical Analysis of Extracted Aggregate	12/06/2018
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	12/06/2018
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	12/06/2018



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	02/11/2016
T88	Particle Size Analysis of Soils by Hydrometer	02/11/2016
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	05/23/2013
T90	Plastic Limit of Soils (Atterberg Limits)	05/23/2013
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	05/23/2013
T100	Specific Gravity of Soils	05/23/2013
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/23/2013
T191	Density of Soil In-Place by the Sand Cone Method	06/19/2018
T193	The California Bearing Ratio	05/23/2013
T208	Unconfined Compressive Strength of Cohesive Soil	06/19/2018
T215	Permeability of Granular Soils (Constant Head)	05/04/2026
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	06/19/2018
T217	Determination of Moisture in Soils by Means of a Calcium Carbide Gas Pressure Moisture Tester	06/19/2018
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	01/15/2025
T265	Laboratory Determination of Moisture Content of Soils	05/23/2013
T267	Determination of Organic Content in Soils by Loss on Ignition	06/19/2018
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	06/19/2018
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	06/19/2018
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	06/19/2018
T311	Grain-Size Analysis of Granular Soil Materials	05/23/2013
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/14/2009
D422	Particle Size Analysis of Soils by Hydrometer	06/27/2012
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/14/2009



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Soil (Continued)

Standard:

Accredited Since:

D854	Specific Gravity of Soils	01/14/2009
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	01/14/2009
D1556	Density of Soil In-Place by the Sand Cone Method	01/14/2009
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/14/2009
D1883	The California Bearing Ratio	01/14/2009
D2166	Unconfined Compressive Strength of Cohesive Soil	05/23/2013
D2216	Laboratory Determination of Moisture Content of Soils	01/14/2009
D2434	Permeability of Granular Soils (Constant Head)	05/04/2026
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	01/14/2009
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	01/14/2009
D2488	Description and Identification of Soils (Visual-Manual Procedure)	05/23/2013
D2850	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	08/07/2012
D2974	Determination of Organic Content in Soils by Loss on Ignition	05/23/2013
D3080 (2000 lb/ft-sq or Greater Normal Stress)	Direct Shear Test of Soils Under Consolidated Drained Conditions (with Exceptions)	01/15/2025
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	02/11/2016
D4318	Plastic Limit of Soils (Atterberg Limits)	01/14/2009
D4718	Oversize Particle Correction	05/04/2026
D4767	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	05/23/2013
D4944	Determination of Moisture in Soils by Means of a Calcium Carbide Gas Pressure Moisture Tester	05/23/2013
D5084	Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	02/11/2016
D6913	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	06/19/2018
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/14/2009
D7263	Density and Unit Weight of Soil	05/04/2026



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Soil (Continued)

Standard:

Accredited Since:

D7928

Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis

05/04/2026



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Aggregate

Standard:

Accredited Since:

R76 Reducing Samples of Aggregate to Testing Size	02/11/2016
R90 Sampling Aggregate	02/11/2016
T11 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	05/23/2013
T19 Bulk Density ("Unit Weight") and Voids in Aggregate	05/23/2013
T27 Sieve Analysis of Fine and Coarse Aggregates	05/23/2013
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	02/11/2016
T85 Specific Gravity and Absorption of Coarse Aggregate	02/11/2016
T255 Total Moisture Content of Aggregate by Drying	05/23/2013
C29 Bulk Density ("Unit Weight") and Voids in Aggregate	05/24/2011
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	01/01/2011
C127 Specific Gravity and Absorption of Coarse Aggregate	01/14/2009
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/14/2009
C136 Sieve Analysis of Fine and Coarse Aggregates	01/01/2011
C566 Total Moisture Content of Aggregate by Drying	01/14/2009
C702 Reducing Samples of Aggregate to Testing Size	05/23/2013
D75 Sampling Aggregate	02/11/2016



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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

05/23/2013

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

05/23/2013



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Concrete

Standard:

Accredited Since:

C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	07/16/2009
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	07/16/2009
C39	Compressive Strength of Cylindrical Concrete Specimens	07/16/2009
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	06/25/2014
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	07/16/2009
C138	Density (Unit Weight), Yield, and Air Content of Concrete	07/16/2009
C143	Slump of Hydraulic Cement Concrete	07/16/2009
C172	Sampling Freshly Mixed Concrete	07/16/2009
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	07/16/2009
C192	Making and Curing Concrete Test Specimens in the Laboratory	10/28/2015
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	07/16/2009
C496	Splitting Tensile Strength of Cylindrical Concrete Specimens	01/24/2019
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/06/2012
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	11/05/2021
C642	Density, Absorption, and Voids in Hardened Concrete	01/24/2019
C1064	Temperature of Freshly Mixed Portland Cement Concrete	07/16/2009
C1202	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	05/23/2013
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	04/06/2012
C1542	Measuring Length of Concrete Cores	06/25/2014



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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	06/25/2014
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	01/24/2019
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	04/06/2012
C1019	Sampling and Testing Grout	07/16/2009