



# CERTIFICATE OF ACCREDITATION



## Soil Consultants, Inc.

in

## Charleston, South Carolina, 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](http://aashtoresource.org)).

A handwritten signature in black ink, appearing to read 'Jim Tymon', written over a horizontal line.

Jim Tymon,  
AASHTO Executive Director

A handwritten signature in black ink, appearing to read 'Matt Linneman', written over a horizontal line.

Matt Linneman,  
AASHTO COMP Chair

This certificate was generated on 05/18/2026 at 2:12 AM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](http://aashtoresource.org/aap/accreditation-directory)



# SCOPE OF AASHTO ACCREDITATION FOR:

Soil Consultants, Inc.

in Charleston, South Carolina, USA

## Quality Management System

### Standard:

### Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	07/15/1998
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	01/10/2011
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	01/10/2011
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/03/2019
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/18/2018



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## Asphalt Mixture

### Standard:

### Accredited Since:

T355 Density of Bituminous Concrete In Place by Nuclear Methods

10/22/2019

D2950 Density of Bituminous Concrete In Place by Nuclear Methods

06/04/2012



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## Soil

### Standard:

### Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	08/01/2001
R74	Wet Preparation of Disturbed Soil Samples for Test	08/01/2001
T88	Particle Size Analysis of Soils by Hydrometer	08/01/2001
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	08/01/2001
T90	Plastic Limit of Soils (Atterberg Limits)	08/01/2001
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	08/01/2001
T100	Specific Gravity of Soils	08/01/2001
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	08/01/2001
T191	Density of Soil In-Place by the Sand Cone Method	08/01/2001
T193	The California Bearing Ratio	08/01/2001
T208	Unconfined Compressive Strength of Cohesive Soil	08/01/2001
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	08/01/2001
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	08/01/2001
T265	Laboratory Determination of Moisture Content of Soils	08/01/2001
T267	Determination of Organic Content in Soils by Loss on Ignition	08/01/2001
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	08/01/2001
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	08/01/2001
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	08/01/2001
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	08/01/2001
D422	Particle Size Analysis of Soils by Hydrometer	08/01/2001
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	08/01/2001
D854	Specific Gravity of Soils	08/01/2001
D1140	Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	08/01/2001



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## Soil (Continued)

<b>Standard:</b>	<b>Accredited Since:</b>
D1556 Density of Soil In-Place by the Sand Cone Method	08/01/2001
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	08/01/2001
D1883 The California Bearing Ratio	08/01/2001
D2166 Unconfined Compressive Strength of Cohesive Soil	08/01/2001
D2216 Laboratory Determination of Moisture Content of Soils	08/01/2001
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	08/01/2001
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	08/01/2001
D2488 Description and Identification of Soils (Visual-Manual Procedure)	08/01/2001
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	08/01/2001
D2974 Determination of Organic Content in Soils by Loss on Ignition	06/04/2012
D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions	08/01/2001
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	08/01/2001
D4318 Plastic Limit of Soils (Atterberg Limits)	08/01/2001
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	08/01/2001
D4972 pH Testing of Soils	06/04/2012
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	08/01/2001
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	12/04/2017
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	08/01/2001
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	10/22/2019
G187 Soil Resistivity Using the Two-Electrode Soil Box	01/18/2018



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## Aggregate

### Standard:

### Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	07/15/1998
R90	Sampling Aggregate	08/13/2013
T11	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	07/15/1998
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	07/15/1998
T21	Organic Impurities in Fine Aggregates for Concrete	07/15/1998
T27	Sieve Analysis of Fine and Coarse Aggregates	07/15/1998
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	07/15/1998
T85	Specific Gravity and Absorption of Coarse Aggregate	07/15/1998
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	07/15/1998
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	07/15/1998
T112	Clay Lumps and Friable Particles in Aggregate	07/15/1998
T113	Lightweight Pieces in Aggregate	07/15/1998
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	07/15/1998
T255	Total Moisture Content of Aggregate by Drying	07/15/1998
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	06/04/2012
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	07/15/1998
C40	Organic Impurities in Fine Aggregates for Concrete	07/15/1998
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	07/15/1998
C117	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	07/15/1998
C123	Lightweight Pieces in Aggregate	07/15/1998
C127	Specific Gravity and Absorption of Coarse Aggregate	07/15/1998
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	07/15/1998
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	07/15/1998



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## Aggregate (Continued)

<b>Standard:</b>	<b>Accredited Since:</b>
C136 Sieve Analysis of Fine and Coarse Aggregates	07/15/1998
C142 Clay Lumps and Friable Particles in Aggregate	07/15/1998
C566 Total Moisture Content of Aggregate by Drying	07/15/1998
C702 Reducing Samples of Aggregate to Testing Size	07/15/1998
C1252 Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	06/04/2012
D75 Sampling Aggregate	08/13/2013
D2419 Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	07/15/1998



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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

06/04/2012

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

06/04/2012



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## Iron and Steel

Standard:	Accredited Since:
M111 Zinc Coatings on Iron and Steel: Thickness of Zinc (Microscopy)	03/24/2023
M336 Welded Deformed Steel Wire: Bend Test	06/04/2012
M336 Welded Plain Steel Wire: Bend Test	06/04/2012
M31-T244 Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	12/08/2015
M31-T244 Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	12/08/2015
M31-T244 Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	12/08/2015
M31-T285 Carbon-Steel Bars, Deformed and Plain: Bend Test	05/28/2009
M270-T244 Structural Steel: Tension (Elongation)	02/07/2020
M270-T244 Structural Steel: Tension (Ultimate Tensile Strength)	02/07/2020
M270-T244 Structural Steel: Tension (Yield Strength)	02/07/2020
M336-T244 Welded Deformed Steel Wire: Tension (Ultimate Tensile Strength)	12/08/2015
M336-T244 Welded Deformed Steel Wire: Tension (Yield Strength)	12/08/2015
M336-T244 Welded Plain Steel Wire: Tension (Reduction of Area)	12/08/2015
M336-T244 Welded Plain Steel Wire: Tension (Ultimate Tensile Strength)	12/08/2015
A123 Zinc Coatings on Iron and Steel: Thickness of Zinc (Microscopy)	03/24/2023
A775 Epoxy Coated Reinforcing Bars: Coating Flexibility (Bend Test)	02/02/2026
A775 Epoxy Coated Reinforcing Bars: Film Thickness	02/07/2020
A1064 Welded Deformed Steel Wire: Bend Test	06/04/2012
A1064 Welded Deformed Steel Wire: Unit Weight	03/24/2023
A1064 Welded Plain Steel Wire: Bend Test	06/04/2012
A709-A6 Structural Steel: Tension (Elongation)	02/07/2020
A709-A6 Structural Steel: Tension (Ultimate Tensile Strength)	02/07/2020
A709-A6 Structural Steel: Tension (Yield Strength)	02/07/2020



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**Iron and Steel (Continued)**

<b>Standard:</b>	<b>Accredited Since:</b>
A775-G62 Epoxy Coated Reinforcing Bars: Coating Continuity (Holidays)	02/07/2020
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	12/08/2015
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	12/08/2015
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	12/08/2015
A615-E290 Carbon-Steel Bars, Deformed and Plain: Bend Test	05/28/2009
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Elongation)	12/08/2015
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	12/08/2015
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Yield Strength)	12/08/2015
A706-E290 Low Alloy Steel Bars, Deformed and Plain: Bend Test	12/08/2015
A1064-A370 Welded Deformed Steel Wire: Tension (Ultimate Tensile Strength)	12/08/2015
A1064-A370 Welded Deformed Steel Wire: Tension (Yield Strength)	12/08/2015
A1064-A370 Welded Plain Steel Wire: Tension (Reduction of Area)	12/08/2015
A1064-A370 Welded Plain Steel Wire: Tension (Ultimate Tensile Strength)	12/08/2015
A615-A1034 Carbon-Steel Bars, Deformed and Plain: Testing Mechanical Splices	12/08/2015
A706-A1034 Low Alloy Steel Bars, Deformed and Plain: Testing Mechanical Splices	12/08/2015
F3125 Externally Threaded Fasteners (Bolts): Rotational Capacity	03/24/2023
F1554-A370 Anchor Bolts: Tension (Elongation)	12/08/2015
F1554-A370 Anchor Bolts: Tension (Ultimate Tensile Strength of bar stock)	12/08/2015
F1554-F606 Anchor Bolts: Tension (Ultimate Tensile Strength of finished bolts)	12/08/2015



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**Concrete**

<b>Standard:</b>		<b>Accredited Since:</b>
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/29/2014
R39	Making and Curing Concrete Test Specimens in the Laboratory	07/15/1998
R60	Sampling Freshly Mixed Concrete	07/15/1998
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	07/15/1998
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	07/15/1998
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	06/09/2022
T22	Compressive Strength of Cylindrical Concrete Specimens	07/15/1998
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	07/15/1998
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	07/15/1998
T119	Slump of Hydraulic Cement Concrete	07/15/1998
T121	Density (Unit Weight), Yield, and Air Content of Concrete	07/15/1998
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	07/15/1998
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	07/15/1998
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	07/15/1998
T197	Time of Setting of Concrete Mixtures by Penetration Resistance	10/29/2014
T198	Splitting Tensile Strength of Cylindrical Concrete Specimens	07/15/1998
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	06/09/2022
T277	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	05/03/2019
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	03/21/2012
T309	Temperature of Freshly Mixed Portland Cement Concrete	07/15/1998
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	07/15/1998
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	07/15/1998
C39	Compressive Strength of Cylindrical Concrete Specimens	07/15/1998



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**Concrete (Continued)**

<b>Standard:</b>	<b>Accredited Since:</b>
C42 (Testing Drilled Cores of Concrete) Testing Drilled Cores of Concrete	07/15/1998
C78 Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	07/15/1998
C138 Density (Unit Weight), Yield, and Air Content of Concrete	07/15/1998
C143 Slump of Hydraulic Cement Concrete	07/15/1998
C157 Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	07/15/1998
C172 Sampling Freshly Mixed Concrete	07/15/1998
C173 Air Content of Freshly Mixed Concrete by the Volumetric Method	07/15/1998
C192 Making and Curing Concrete Test Specimens in the Laboratory	07/15/1998
C231 Air Content of Freshly Mixed Concrete by the Pressure Method	07/15/1998
C305 Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	06/09/2022
C403 Time of Setting of Concrete Mixtures by Penetration Resistance	10/29/2014
C496 Splitting Tensile Strength of Cylindrical Concrete Specimens	07/15/1998
C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	12/19/2011
C617 (7000 psi and below) Capping Cylindrical Concrete Specimens	06/09/2022
C803 Penetration Resistance of Hardened Concrete	07/15/1998
C805 Rebound Number of Hardened Concrete	07/15/1998
C1064 Temperature of Freshly Mixed Portland Cement Concrete	07/15/1998
C1202 Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	01/20/2015
C1218 Water-Soluble Chloride in Mortar and Concrete	10/29/2014
C1231 (7000 psi and below) Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	12/19/2011
C1260 Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	12/19/2011
C1542 Measuring Length of Concrete Cores	04/07/2017
C1567 Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	12/29/2011



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**Masonry**

<b>Standard:</b>		<b>Accredited Since:</b>
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/03/2016
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	09/03/2004
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	09/03/2004
T137	Air Content of Hydraulic Cement Mortar	09/03/2004
C67	Brick: Absorption	01/01/2011
C67	Brick: Capping	09/03/2004
C67	Brick: Compressive Strength	01/01/2011
C67	Brick: Initial Rate of Absorption	12/19/2011
C67	Brick: Measurement	01/01/2011
C67	Brick: Specimen Preparation	09/03/2004
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	09/03/2004
C140 (Full-Size Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	01/23/2026
C185	Air Content of Hydraulic Cement Mortar	09/03/2004
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	09/03/2004
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/03/2016
C1019	Sampling and Testing Grout	09/03/2004
C1314 (Prisms Constructed of Full-Size Concrete Masonry Units)	Compressive Strength of Masonry Prisms	01/23/2026
C1437	Flow of Hydraulic Cement Mortar	09/03/2004
C1506	Water Retention of Hydraulic Cement-Based Mortars and Plasters	09/03/2004
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	09/03/2004