



CERTIFICATE OF ACCREDITATION



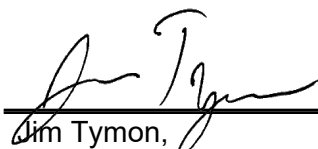
SCI Engineering, Inc.

in

St. Charles, Missouri, 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

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SCOPE OF AASHTO ACCREDITATION FOR:

SCI Engineering, Inc.
in St. Charles, Missouri, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	12/01/2000
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/13/2012
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	08/30/2017
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	05/09/2016
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/13/2012
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/30/2017
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/26/2024
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/09/2016
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/09/2016



SCOPE OF AASHTO ACCREDITATION FOR:

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in St. Charles, Missouri, USA

Asphalt Mixture

Standard:

Accredited Since:

R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	01/13/2012
T30	Mechanical Analysis of Extracted Aggregate	03/29/2007
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	09/24/2015
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	12/11/2013
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	12/11/2013
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	03/29/2007
T355	Density of Bituminous Concrete In Place by Nuclear Methods	10/13/2021
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	12/11/2013
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	09/24/2015
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	05/09/2016
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	12/11/2013
D5444	Mechanical Analysis of Extracted Aggregate	03/29/2007
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	03/29/2007



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/01/2000
R74	Wet Preparation of Disturbed Soil Samples for Test	12/01/2000
T88	Particle Size Analysis of Soils by Hydrometer	12/01/2000
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	12/01/2000
T90	Plastic Limit of Soils (Atterberg Limits)	12/01/2000
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/01/2000
T100	Specific Gravity of Soils	12/01/2000
T134	Moisture-Density Relations of Soil-Cement Mixtures	02/25/2025
T135	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	02/25/2025
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/01/2000
T191	Density of Soil In-Place by the Sand Cone Method	12/01/2000
T193	The California Bearing Ratio	12/01/2000
T208	Unconfined Compressive Strength of Cohesive Soil	12/01/2000
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	12/01/2000
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	12/11/2013
T265	Laboratory Determination of Moisture Content of Soils	12/01/2000
T267	Determination of Organic Content in Soils by Loss on Ignition	12/11/2013
T288	Minimum Soil Resistivity	10/13/2021
T289	pH of Soils for Corrosion Testing	02/15/2019
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	12/01/2000
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	12/01/2000
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	12/01/2000
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/01/2000



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Soil (Continued)

Standard:	Accredited Since:
D422 Particle Size Analysis of Soils by Hydrometer	12/01/2000
D558 Moisture-Density Relations of Soil-Cement Mixtures	12/31/2024
D559 Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	12/31/2024
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/01/2000
D854 Specific Gravity of Soils	12/01/2000
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	12/01/2000
D1556 Density of Soil In-Place by the Sand Cone Method	12/01/2000
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/01/2000
D1633 Compressive Strength of Molded Soil-Cement Cylinders	12/31/2024
D1883 The California Bearing Ratio	12/01/2000
D2166 Unconfined Compressive Strength of Cohesive Soil	12/01/2000
D2216 Laboratory Determination of Moisture Content of Soils	12/01/2000
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	12/01/2000
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	12/01/2000
D2488 Description and Identification of Soils (Visual-Manual Procedure)	12/01/2000
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	12/01/2000
D2937 Density of Soil in Place by the Drive-Cylinder Method	05/09/2016
D2974 Determination of Organic Content in Soils by Loss on Ignition	12/11/2013
D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions	12/11/2013
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	12/01/2000
D4318 Plastic Limit of Soils (Atterberg Limits)	12/01/2000
D4546 One-Dimensional Swell or Settlement Potential of Cohesive Soils	12/01/2000
D4643 Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	05/09/2016



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Soil (Continued)

Standard:

Accredited Since:

D4718 Oversize Particle Correction	05/09/2016
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	12/01/2000
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	12/01/2000
D5334 Determination of Thermal Conductivity of Soil and Rock by Thermal Needle Probe	12/31/2024
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	05/09/2016
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	12/01/2000
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	02/15/2019



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Aggregate

Standard:	Accredited Since:
R76 Reducing Samples of Aggregate to Testing Size	12/01/2000
R90 Sampling Aggregate	12/11/2013
T11 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	12/01/2000
T19 Bulk Density ("Unit Weight") and Voids in Aggregate	12/01/2000
T21 Organic Impurities in Fine Aggregates for Concrete	02/25/2025
T27 Sieve Analysis of Fine and Coarse Aggregates	12/01/2000
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	12/01/2000
T85 Specific Gravity and Absorption of Coarse Aggregate	12/01/2000
T104 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	01/13/2012
T112 Clay Lumps and Friable Particles in Aggregate	12/01/2000
T113 Lightweight Pieces in Aggregate	12/01/2000
T176 Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	12/31/2024
T255 Total Moisture Content of Aggregate by Drying	12/01/2000
T335 Determining the Percentage of Fractured Particles in Coarse Aggregate	12/31/2024
C29 Bulk Density ("Unit Weight") and Voids in Aggregate	12/01/2000
C40 Organic Impurities in Fine Aggregates for Concrete	02/25/2025
C88 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	01/13/2012
C117 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	12/01/2000
C123 Lightweight Pieces in Aggregate	12/01/2000
C127 Specific Gravity and Absorption of Coarse Aggregate	12/01/2000
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	12/01/2000
C136 Sieve Analysis of Fine and Coarse Aggregates	12/01/2000
C142 Clay Lumps and Friable Particles in Aggregate	12/01/2000



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SCI Engineering, Inc.

in St. Charles, Missouri, USA

Aggregate (Continued)

Standard:

Accredited Since:

C566 Total Moisture Content of Aggregate by Drying	12/01/2000
C702 Reducing Samples of Aggregate to Testing Size	12/01/2000
D75 Sampling Aggregate	12/11/2013
D2419 Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	12/31/2024
D4791 Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	12/31/2024
D5821 Determining the Percentage of Fractured Particles in Coarse Aggregate	12/31/2024



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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

01/13/2012

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

01/13/2012



SCOPE OF AASHTO ACCREDITATION FOR:

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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	10/26/2023
R39	Making and Curing Concrete Test Specimens in the Laboratory	10/26/2023
R60	Sampling Freshly Mixed Concrete	10/26/2023
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	10/26/2023
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	10/26/2023
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	10/26/2023
T22	Compressive Strength of Cylindrical Concrete Specimens	10/26/2023
T24 (Drilling Cores of Concrete)	Drilling Cores of Concrete	06/15/2026
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	10/26/2023
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	10/26/2023
T119	Slump of Hydraulic Cement Concrete	10/26/2023
T121	Density (Unit Weight), Yield, and Air Content of Concrete	10/26/2023
T148	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	10/26/2023
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	10/26/2023
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	10/26/2023
T177	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)	10/26/2023
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	10/26/2023
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	10/26/2023
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	10/26/2023
T309	Temperature of Freshly Mixed Portland Cement Concrete	10/26/2023
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	03/01/2001
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	03/01/2001
C39	Compressive Strength of Cylindrical Concrete Specimens	03/01/2001



SCOPE OF AASHTO ACCREDITATION FOR:

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Concrete (Continued)

Standard:		Accredited Since:
C42 (Drilling Cores of Concrete)	Drilling Cores of Concrete	06/15/2026
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	08/30/2017
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	03/01/2001
C138	Density (Unit Weight), Yield, and Air Content of Concrete	03/01/2001
C143	Slump of Hydraulic Cement Concrete	03/01/2001
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	08/30/2017
C172	Sampling Freshly Mixed Concrete	03/01/2001
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	03/01/2001
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	08/30/2017
C192	Making and Curing Concrete Test Specimens in the Laboratory	03/01/2001
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	03/01/2001
C293	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)	03/01/2001
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	10/26/2023
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/03/2012
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	10/26/2023
C1064	Temperature of Freshly Mixed Portland Cement Concrete	03/01/2001
C1105	Length Change of Concrete Due to Alkali-Carbonate Rock Reaction	08/30/2017
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	10/03/2012
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	08/30/2017
C1293	Determination of Length Change of Concrete Due to Alkali-Silica Reaction	10/26/2023
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	08/30/2017



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Masonry

Standard:

Accredited Since:

C140 (Reduced-Size Concrete Masonry Units) Sampling and Testing Concrete Masonry Units and Related Units		06/15/2026
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/03/2012
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	08/30/2017
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	05/09/2012
C780 (Annex 6 - Cylinders)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cylinders	08/30/2017
C1019	Sampling and Testing Grout	05/28/2010
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	05/28/2010