



CERTIFICATE OF ACCREDITATION



Simpson Gumpertz & Heger Inc.

in

Waltham, Massachusetts, 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 4:27 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Simpson Gumpertz & Heger Inc.

in Waltham, Massachusetts, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	01/07/2004
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/15/2019



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Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	01/03/2022
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	01/03/2022
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	01/03/2022
T21	Organic Impurities in Fine Aggregates for Concrete	01/03/2022
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/03/2022
T85	Specific Gravity and Absorption of Coarse Aggregate	01/03/2022
T255	Total Moisture Content of Aggregate by Drying	01/03/2022
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	01/03/2022
C40	Organic Impurities in Fine Aggregates for Concrete	01/07/2004
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	01/07/2004
C127	Specific Gravity and Absorption of Coarse Aggregate	01/07/2004
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/07/2004
C566	Total Moisture Content of Aggregate by Drying	01/07/2004
C702	Reducing Samples of Aggregate to Testing Size	01/07/2004



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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	01/03/2022
R39	Making and Curing Concrete Test Specimens in the Laboratory	01/03/2022
R60	Sampling Freshly Mixed Concrete	01/03/2022
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	01/03/2022
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	01/03/2022
T22	Compressive Strength of Cylindrical Concrete Specimens	01/03/2022
T24 (Drilling Cores of Concrete)	Drilling Cores of Concrete	01/03/2022
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	01/03/2022
T119	Slump of Hydraulic Cement Concrete	01/03/2022
T121	Density (Unit Weight), Yield, and Air Content of Concrete	01/03/2022
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	01/03/2022
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	01/03/2022
T161	Resistance of Concrete to Rapid Freezing and Thawing	01/03/2022
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	01/03/2022
T231 (10000 psi and below)	Capping Cylindrical Concrete Specimens	08/12/2025
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	01/03/2022
T309	Temperature of Freshly Mixed Portland Cement Concrete	01/03/2022
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	01/07/2004
C39	Compressive Strength of Cylindrical Concrete Specimens	01/07/2004
C42 (Drilling Cores of Concrete)	Drilling Cores of Concrete	01/07/2004
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	01/07/2004
C138	Density (Unit Weight), Yield, and Air Content of Concrete	01/07/2004
C143	Slump of Hydraulic Cement Concrete	01/07/2004



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Concrete (Continued)

Standard:		Accredited Since:
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	01/03/2022
C172	Sampling Freshly Mixed Concrete	01/07/2004
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	01/07/2004
C192	Making and Curing Concrete Test Specimens in the Laboratory	01/07/2004
C215	Fundamental Transverse, Longitudinal and Torsional Frequencies of Concrete Specimens	01/31/2014
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	01/07/2004
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	01/03/2022
C457	Microscopical Determination of Parameters of the Air-Void System in Hardened Concrete	01/07/2004
C469	Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression	01/07/2004
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	02/23/2012
C617 (10000 psi and below)	Capping Cylindrical Concrete Specimens	08/12/2025
C642	Density, Absorption, and Voids in Hardened Concrete	01/07/2004
C666	Resistance of Concrete to Rapid Freezing and Thawing	01/31/2014
C1064	Temperature of Freshly Mixed Portland Cement Concrete	01/07/2004
C1152	Acid-Soluble Chloride in Mortar and Concrete	01/31/2014
C1218	Water-Soluble Chloride in Mortar and Concrete	01/31/2014
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	02/23/2012
C1293	Determination of Length Change of Concrete Due to Alkali-Silica Reaction	01/03/2022
C1542	Measuring Length of Concrete Cores	09/21/2016
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	02/23/2012
C1583	Tensile Strength of Concrete Surfaces and the Bond Strength or Tensile Strength of Concrete Repair and Overlay Materials by Direct Tension (Pull-off Method)	09/21/2016