



CERTIFICATE OF ACCREDITATION



Cemex Construction Materials South, LLC

in

Phoenix, Arizona, 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 1:23 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Cemex Construction Materials South, LLC

in Phoenix, Arizona, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	09/01/1989
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	11/30/2021
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	10/06/2021
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	03/02/2020
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	03/02/2020



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	09/01/1990
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	09/01/1990
T90	Plastic Limit of Soils (Atterberg Limits)	09/01/1990
T265	Laboratory Determination of Moisture Content of Soils	12/30/2019
T288	Minimum Soil Resistivity	12/19/2014
T289	pH of Soils for Corrosion Testing	12/19/2014
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	09/01/1990
D2216	Laboratory Determination of Moisture Content of Soils	12/30/2019
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	09/01/1990
D4318	Plastic Limit of Soils (Atterberg Limits)	09/01/1990
G187	Soil Resistivity Using the Two-Electrode Soil Box	12/12/2016



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Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	09/01/1990
R90	Sampling Aggregate	12/19/2014
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	12/19/2014
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	12/30/2019
T27	Sieve Analysis of Fine and Coarse Aggregates	09/01/1990
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	09/01/1990
T85	Specific Gravity and Absorption of Coarse Aggregate	09/01/1990
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	09/01/1990
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	09/01/1990
T210	Aggregate Durability Index	09/01/1990
T255	Total Moisture Content of Aggregate by Drying	09/01/1990
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	12/19/2014
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	12/30/2019
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	12/19/2014
C127	Specific Gravity and Absorption of Coarse Aggregate	09/01/1990
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	09/01/1990
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	09/01/1990
C136	Sieve Analysis of Fine and Coarse Aggregates	09/01/1990
C566	Total Moisture Content of Aggregate by Drying	09/01/1990
C702	Reducing Samples of Aggregate to Testing Size	09/01/1990
D75	Sampling Aggregate	12/19/2014
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	09/01/1990
D3744	Aggregate Durability Index	09/01/1990



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Aggregate (Continued)

Standard:

Accredited Since:

D4791 Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate

12/30/2019

D5821 Determining the Percentage of Fractured Particles in Coarse Aggregate

09/01/1990



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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	10/28/2013
R39	Making and Curing Concrete Test Specimens in the Laboratory	06/24/2011
R60	Sampling Freshly Mixed Concrete	06/24/2011
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	06/24/2011
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/24/2011
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	02/03/2025
T22	Compressive Strength of Cylindrical Concrete Specimens	06/24/2011
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	06/24/2011
T119	Slump of Hydraulic Cement Concrete	06/24/2011
T121	Density (Unit Weight), Yield, and Air Content of Concrete	06/24/2011
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	06/24/2011
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	02/03/2025
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	06/24/2011
T197	Time of Setting of Concrete Mixtures by Penetration Resistance	10/28/2013
T231 (9000 psi and below)	Capping Cylindrical Concrete Specimens	05/03/2021
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	10/28/2013
T309	Temperature of Freshly Mixed Portland Cement Concrete	10/28/2013
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	09/01/1990
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	09/01/1990
C39	Compressive Strength of Cylindrical Concrete Specimens	09/01/1990
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	09/01/1990
C138	Density (Unit Weight), Yield, and Air Content of Concrete	09/01/1990
C143	Slump of Hydraulic Cement Concrete	09/01/1990



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Concrete (Continued)

Standard:		Accredited Since:
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	02/03/2025
C172	Sampling Freshly Mixed Concrete	09/01/1990
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	09/01/1990
C192	Making and Curing Concrete Test Specimens in the Laboratory	09/01/1990
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	09/01/1990
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	02/03/2025
C403	Time of Setting of Concrete Mixtures by Penetration Resistance	09/01/1990
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/28/2013
C617 (9000 psi and below)	Capping Cylindrical Concrete Specimens	05/03/2021
C1064	Temperature of Freshly Mixed Portland Cement Concrete	09/01/1990
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	10/28/2013
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	09/01/1990
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	09/01/1990