



CERTIFICATE OF ACCREDITATION



Amrize, Inc.

in

Seattle, Washington, 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 3:05 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Amrize, Inc.

in Seattle, Washington, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	09/15/2010
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2025
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1222 (Cement)	Evaluation of Laboratories Testing Hydraulic Cement	05/23/2013
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2025
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/31/2024



SCOPE OF AASHTO ACCREDITATION FOR:

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in Seattle, Washington, USA

Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	06/07/2018
R90	Sampling Aggregate	06/07/2018
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	06/07/2018
T21	Organic Impurities in Fine Aggregates for Concrete	06/07/2018
T27	Sieve Analysis of Fine and Coarse Aggregates	06/07/2018
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/10/2025
T85	Specific Gravity and Absorption of Coarse Aggregate	06/07/2018
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	12/31/2024
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	06/07/2018
T255	Total Moisture Content of Aggregate by Drying	06/07/2018
C40	Organic Impurities in Fine Aggregates for Concrete	09/15/2010
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	09/15/2010
C127	Specific Gravity and Absorption of Coarse Aggregate	09/15/2010
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/10/2025
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	12/31/2024
C136	Sieve Analysis of Fine and Coarse Aggregates	09/15/2010
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	12/31/2024
C566	Total Moisture Content of Aggregate by Drying	09/15/2010
C702	Reducing Samples of Aggregate to Testing Size	09/15/2010
D75	Sampling Aggregate	06/07/2018
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	09/15/2010



SCOPE OF AASHTO ACCREDITATION FOR:

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Cementitious Material - Chemical Tests

Standard:

Accredited Since:

T105 Aluminum Oxide – X-Ray Fluorescence	06/07/2018
T105 Calcium Oxide – X-Ray Fluorescence	06/07/2018
T105 Ferric Oxide – X-Ray Fluorescence	06/07/2018
T105 Loss on Ignition – Reference	06/07/2018
T105 Magnesium Oxide – X-Ray Fluorescence	06/07/2018
T105 Manganic Oxide – X-Ray Fluorescence	06/07/2018
T105 Phosphorus Pentoxide – X-Ray Fluorescence	06/07/2018
T105 Potassium Oxide – X-Ray Fluorescence	06/07/2018
T105 Silicon Dioxide – X-Ray Fluorescence	06/07/2018
T105 Sodium Oxide – X-Ray Fluorescence	06/07/2018
T105 Sulfur Trioxide – X-Ray Fluorescence	06/07/2018
T105 Titanium Dioxide – X-Ray Fluorescence	06/07/2018
C114 Aluminum Oxide – X-Ray Fluorescence	05/23/2013
C114 Calcium Oxide – X-Ray Fluorescence	05/23/2013
C114 Ferric Oxide – X-Ray Fluorescence	05/23/2013
C114 Loss on Ignition – Reference	05/23/2013
C114 Magnesium Oxide – X-Ray Fluorescence	05/23/2013
C114 Manganic Oxide – X-Ray Fluorescence	05/23/2013
C114 Phosphorus Pentoxide – X-Ray Fluorescence	05/23/2013
C114 Potassium Oxide – X-Ray Fluorescence	05/23/2013
C114 Silicon Dioxide – X-Ray Fluorescence	05/23/2013
C114 Sodium Oxide – X-Ray Fluorescence	05/23/2013
C114 Sulfur Trioxide – X-Ray Fluorescence	05/23/2013



SCOPE OF AASHTO ACCREDITATION FOR:

Amrize, Inc.

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Cementitious Material - Chemical Tests (Continued)

Standard:

Accredited Since:

C114 Titanium Dioxide – X-Ray Fluorescence

05/23/2013



SCOPE OF AASHTO ACCREDITATION FOR:

Amrize, Inc.

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Cement - Physical Tests

Standard:

Accredited Since:

M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/07/2018
R71	Sampling and the Amount of Testing of Hydraulic Cement	06/07/2018
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	06/07/2018
T105 (Loss on Ignition - Reference)	Loss on Ignition – Reference	06/07/2018
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	06/07/2018
T107	Autoclave Expansion of Hydraulic Cement	06/07/2018
T129	Normal Consistency of Hydraulic Cement	06/07/2018
T131	Time of Setting of Hydraulic Cement by Vicat Needle	06/07/2018
T133	Density of Hydraulic Cement	12/31/2024
T137	Air Content of Hydraulic Cement Mortar	06/07/2018
T153	Fineness of Hydraulic Cement by Air Permeability Apparatus	06/07/2018
T186	Early Stiffening of Hydraulic Cement (Paste Method)	06/07/2018
T192	Fineness of Hydraulic Cement by the 45-µm (No. 325) Sieve	06/07/2018
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	05/23/2013
C114 (Loss on Ignition - Reference)	Loss on Ignition – Reference	06/07/2018
C151	Autoclave Expansion of Hydraulic Cement	05/23/2013
C183	Sampling and the Amount of Testing of Hydraulic Cement	05/23/2013
C185	Air Content of Hydraulic Cement Mortar	05/23/2013
C187	Normal Consistency of Hydraulic Cement	05/23/2013
C188	Density of Hydraulic Cement	12/31/2024
C191	Time of Setting of Hydraulic Cement by Vicat Needle	05/23/2013
C204	Fineness of Hydraulic Cement by Air Permeability Apparatus	05/23/2013
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	05/23/2013



SCOPE OF AASHTO ACCREDITATION FOR:

Amrize, Inc.

in Seattle, Washington, USA

Cement - Physical Tests (Continued)

Standard:

Accredited Since:

C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	05/23/2013
C451	Early Stiffening of Hydraulic Cement (Paste Method)	05/23/2013
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/23/2013
C1012	Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution	05/23/2013
C1038	Expansion of Hydraulic Cement Mortar Bars Stored in Water	06/07/2018
C1437	Flow of Hydraulic Cement Mortar	05/23/2013



SCOPE OF AASHTO ACCREDITATION FOR:

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in Seattle, Washington, USA

Concrete

Standard:

Accredited Since:

M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/07/2018
R39	Making and Curing Concrete Test Specimens in the Laboratory	06/07/2018
R60	Sampling Freshly Mixed Concrete	06/07/2018
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	06/07/2018
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/07/2018
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	12/31/2024
T22	Compressive Strength of Cylindrical Concrete Specimens	06/07/2018
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	06/07/2018
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	06/07/2018
T119	Slump of Hydraulic Cement Concrete	06/07/2018
T121	Density (Unit Weight), Yield, and Air Content of Concrete	06/07/2018
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	06/07/2018
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	06/07/2018
T161	Resistance of Concrete to Rapid Freezing and Thawing	06/07/2018
T177	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)	06/07/2018
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	06/07/2018
T197	Time of Setting of Concrete Mixtures by Penetration Resistance	06/07/2018
T231 (8000 psi and below)	Capping Cylindrical Concrete Specimens	12/31/2024
T277	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	06/07/2018
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	06/07/2018
T309	Temperature of Freshly Mixed Portland Cement Concrete	06/07/2018
T345	Passing Ability of Self-Consolidating Concrete by J-Ring	12/31/2024
T347	Slump Flow of Self-Consolidating Concrete	04/07/2021



SCOPE OF AASHTO ACCREDITATION FOR:

Amrize, Inc.

in Seattle, Washington, USA

Concrete (Continued)

Standard:

Accredited Since:

C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	09/15/2010
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	09/15/2010
C39	Compressive Strength of Cylindrical Concrete Specimens	09/15/2010
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	04/02/2016
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	09/15/2010
C138	Density (Unit Weight), Yield, and Air Content of Concrete	09/15/2010
C143	Slump of Hydraulic Cement Concrete	09/15/2010
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	09/15/2010
C172	Sampling Freshly Mixed Concrete	09/15/2010
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	09/15/2010
C192	Making and Curing Concrete Test Specimens in the Laboratory	09/15/2010
C215	Fundamental Transverse, Longitudinal and Torsional Frequencies of Concrete Specimens	09/15/2010
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	09/15/2010
C293	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)	09/15/2010
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	12/31/2024
C403	Time of Setting of Concrete Mixtures by Penetration Resistance	05/23/2013
C457	Microscopical Determination of Parameters of the Air-Void System in Hardened Concrete	06/07/2018
C469	Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression	05/23/2013
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/23/2013
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	12/31/2024
C642	Density, Absorption, and Voids in Hardened Concrete	04/07/2021
C666	Resistance of Concrete to Rapid Freezing and Thawing	09/15/2010
C672	Scaling Resistance of Concrete Surfaces Exposed to De-icing Chemicals	09/15/2010



SCOPE OF AASHTO ACCREDITATION FOR:

Amrize, Inc.

in Seattle, Washington, USA

Concrete (Continued)

Standard:		Accredited Since:
C1064	Temperature of Freshly Mixed Portland Cement Concrete	09/15/2010
C1202	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	09/15/2010
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	05/23/2013
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	09/15/2010
C1293	Determination of Length Change of Concrete Due to Alkali-Silica Reaction	09/15/2010
C1542	Measuring Length of Concrete Cores	04/02/2016
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	09/15/2010
C1610	Static Segregation of Self-Consolidating Concrete Using Column Technique	04/07/2021
C1611	Slump Flow of Self-Consolidating Concrete	04/07/2021
C1621	Passing Ability of Self-Consolidating Concrete by J-Ring	04/07/2021
C1712	Rapid Assessment of Static Segregation Resistance of Self-Consolidating Concrete Using Penetration Test	04/07/2021



SCOPE OF AASHTO ACCREDITATION FOR:

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Pozzolan

Standard:

Accredited Since:

M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/07/2018
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	06/07/2018
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	06/07/2018
T107	Autoclave Expansion of Hydraulic Cement	06/07/2018
T129	Normal Consistency of Hydraulic Cement	06/07/2018
T133	Density of Hydraulic Cement	12/31/2024
T137	Air Content of Hydraulic Cement Mortar	04/07/2021
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	12/31/2024
T192	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	06/07/2018
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	04/02/2016
C151	Autoclave Expansion of Hydraulic Cement	04/02/2016
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	12/31/2024
C185	Air Content of Hydraulic Cement Mortar	04/07/2021
C187	Normal Consistency of Hydraulic Cement	04/02/2016
C188	Density of Hydraulic Cement	12/31/2024
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	04/02/2016
C311 (Loss on Ignition)	Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete (Loss on Ignition)	04/02/2016
C311 (Moisture Content)	Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete (Moisture Content)	12/31/2024
C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	04/02/2016
C441	Effectiveness of Pozzolans or Ground Blast-Furnace Slag in Preventing Excessive Expansion of Concrete Due to the Alkali-Silica Reaction	04/02/2016
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/02/2016
C1012	Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution	04/02/2016
C1437	Flow of Hydraulic Cement Mortar	04/02/2016



SCOPE OF AASHTO ACCREDITATION FOR:

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Slag Cement

Standard:

Accredited Since:

M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/07/2018
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	06/07/2018
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	06/07/2018
T133	Density of Hydraulic Cement	12/31/2024
T137	Air Content of Hydraulic Cement Mortar	06/07/2018
T153	Fineness of Hydraulic Cement by Air Permeability Apparatus	06/07/2018
T192	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	06/07/2018
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	04/02/2016
C185	Air Content of Hydraulic Cement Mortar	04/02/2016
C188	Density of Hydraulic Cement	12/31/2024
C204	Fineness of Hydraulic Cement by Air Permeability Apparatus	04/02/2016
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	04/02/2016
C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	04/02/2016
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/02/2016
C1038	Expansion of Hydraulic Cement Mortar Bars Stored in Water	12/31/2024
C1437	Flow of Hydraulic Cement Mortar	04/02/2016