



CERTIFICATE OF ACCREDITATION



WSP USA Environment & Infrastructure, Inc.

in

Charlotte, North 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).

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 1:31 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

WSP USA Environment & Infrastructure, Inc.
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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	12/15/2000
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1222 (Cement)	Evaluation of Laboratories Testing Hydraulic Cement	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	08/10/2015
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/16/2011
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/16/2011
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/23/2024
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/09/2013



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/15/2000
T88	Particle Size Analysis of Soils by Hydrometer	12/15/2000
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	12/15/2000
T90	Plastic Limit of Soils (Atterberg Limits)	12/15/2000
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/15/2000
T100	Specific Gravity of Soils	12/15/2000
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/15/2000
T191	Density of Soil In-Place by the Sand Cone Method	12/15/2000
T265	Laboratory Determination of Moisture Content of Soils	12/15/2000
T267	Determination of Organic Content in Soils by Loss on Ignition	06/16/2011
T289	pH of Soils for Corrosion Testing	05/26/2022
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	12/15/2000
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/15/2000
D422	Particle Size Analysis of Soils by Hydrometer	12/15/2000
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/15/2000
D854	Specific Gravity of Soils	12/15/2000
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	12/15/2000
D1556	Density of Soil In-Place by the Sand Cone Method	12/15/2000
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/15/2000
D2216	Laboratory Determination of Moisture Content of Soils	12/15/2000
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	12/15/2000
D2488	Description and Identification of Soils (Visual-Manual Procedure)	12/15/2000
D2937	Density of Soil in Place by the Drive-Cylinder Method	05/26/2022



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Soil (Continued)

Standard:	Accredited Since:
D2974 Determination of Organic Content in Soils by Loss on Ignition	06/16/2011
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	12/15/2000
D4318 Plastic Limit of Soils (Atterberg Limits)	12/15/2000
D4718 Oversize Particle Correction	05/26/2022
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	08/09/2013
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	12/15/2000



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Rock

Standard:

Accredited Since:

D4543	Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	05/26/2022
D7012 (Method C)	Compressive Strength of Rock Core Specimens (Method C)	05/26/2022



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Aggregate

Standard:	Accredited Since:
R76 Reducing Samples of Aggregate to Testing Size	03/21/2019
R90 Sampling Aggregate	05/26/2022
T11 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	03/21/2019
T19 Bulk Density ("Unit Weight") and Voids in Aggregate	03/21/2019
T21 Organic Impurities in Fine Aggregates for Concrete	03/21/2019
T27 Sieve Analysis of Fine and Coarse Aggregates	03/21/2019
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/21/2019
T85 Specific Gravity and Absorption of Coarse Aggregate	03/21/2019
T104 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	06/22/2023
T112 Clay Lumps and Friable Particles in Aggregate	03/21/2019
T255 Total Moisture Content of Aggregate by Drying	03/21/2019
C29 Bulk Density ("Unit Weight") and Voids in Aggregate	12/15/2000
C40 Organic Impurities in Fine Aggregates for Concrete	12/15/2000
C88 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	06/22/2023
C117 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	12/15/2000
C123 Lightweight Pieces in Aggregate	12/15/2000
C127 Specific Gravity and Absorption of Coarse Aggregate	12/15/2000
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	12/15/2000
C136 Sieve Analysis of Fine and Coarse Aggregates	12/15/2000
C142 Clay Lumps and Friable Particles in Aggregate	12/15/2000
C566 Total Moisture Content of Aggregate by Drying	12/15/2000
C702 Reducing Samples of Aggregate to Testing Size	12/15/2000
D75 Sampling Aggregate	05/26/2022



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Aggregate (Continued)

Standard:

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

08/09/2013



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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

06/16/2011

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

06/16/2011



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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	12/15/2022
R71	Sampling and the Amount of Testing of Hydraulic Cement	12/15/2022
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	12/15/2022
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	12/15/2022
T129	Normal Consistency of Hydraulic Cement	12/15/2022
T131	Time of Setting of Hydraulic Cement by Vicat Needle	12/15/2022
T133	Density of Hydraulic Cement	12/15/2022
T137	Air Content of Hydraulic Cement Mortar	12/15/2022
T153	Fineness of Hydraulic Cement by Air Permeability Apparatus	12/15/2022
T154	Time of Setting of Hydraulic-Cement Paste by Gillmore Needles	12/15/2022
T186	Early Stiffening of Hydraulic Cement (Paste Method)	12/15/2022
T192	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	12/15/2022
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	04/01/2013
C183	Sampling and the Amount of Testing of Hydraulic Cement	05/13/2009
C185	Air Content of Hydraulic Cement Mortar	04/01/2013
C187	Normal Consistency of Hydraulic Cement	05/13/2009
C188	Density of Hydraulic Cement	12/15/2022
C191	Time of Setting of Hydraulic Cement by Vicat Needle	05/13/2009
C204	Fineness of Hydraulic Cement by Air Permeability Apparatus	05/13/2009
C266	Time of Setting of Hydraulic-Cement Paste by Gillmore Needles	05/13/2009
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	05/07/2014
C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	05/13/2009
C451	Early Stiffening of Hydraulic Cement (Paste Method)	05/13/2009



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Cement - Physical Tests (Continued)

Standard:

Accredited Since:

C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes

05/07/2014

C1437 Flow of Hydraulic Cement Mortar

05/07/2014



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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	12/15/2022
R39	Making and Curing Concrete Test Specimens in the Laboratory	12/15/2022
R60	Sampling Freshly Mixed Concrete	12/15/2022
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	12/15/2022
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/15/2022
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	12/15/2022
T22	Compressive Strength of Cylindrical Concrete Specimens	12/15/2022
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	10/28/2025
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	12/15/2022
T119	Slump of Hydraulic Cement Concrete	12/15/2022
T121	Density (Unit Weight), Yield, and Air Content of Concrete	12/15/2022
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	12/15/2022
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	12/15/2022
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	12/15/2022
T231 (5000 psi and below)	Capping Cylindrical Concrete Specimens	10/28/2025
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	03/21/2019
T309	Temperature of Freshly Mixed Portland Cement Concrete	12/15/2022
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	12/15/2000
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/15/2000
C39	Compressive Strength of Cylindrical Concrete Specimens	12/15/2000
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	10/28/2025
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	12/15/2000
C138	Density (Unit Weight), Yield, and Air Content of Concrete	12/15/2000



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Concrete (Continued)

Standard:		Accredited Since:
C143	Slump of Hydraulic Cement Concrete	12/15/2000
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	05/07/2014
C172	Sampling Freshly Mixed Concrete	12/15/2000
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	12/15/2000
C192	Making and Curing Concrete Test Specimens in the Laboratory	03/21/2019
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	12/15/2000
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	09/08/2022
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/07/2014
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	10/28/2025
C1064	Temperature of Freshly Mixed Portland Cement Concrete	12/15/2000
C1140 (Obtaining and Testing Specimens)	Preparing and Testing Specimens from Shotcrete Test Panels	12/15/2022
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	09/29/2011
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	05/07/2014
C1542	Measuring Length of Concrete Cores	10/28/2025
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	12/15/2022