



CERTIFICATE OF ACCREDITATION



ANS Consultants, Inc.

in

South Plainfield, New Jersey, 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 2:21 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

ANS Consultants, Inc.
in South Plainfield, New Jersey, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	03/15/1996
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	06/13/2014
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	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	05/31/2013
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/13/2014
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/31/2013
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/04/2013



SCOPE OF AASHTO ACCREDITATION FOR:

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Asphalt Mixture

Standard:

Accredited Since:

R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	04/22/2011
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	03/15/1996
T30	Mechanical Analysis of Extracted Aggregate	03/15/1996
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	03/15/1996
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	03/15/1996
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	03/15/1996
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	03/15/1996
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	03/15/1996
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	08/27/2020
T355	Density of Bituminous Concrete In Place by Nuclear Methods	08/27/2020
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	03/15/1996
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	03/15/1996
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	04/22/2011
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	03/15/1996
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	08/27/2020
D5444	Mechanical Analysis of Extracted Aggregate	03/15/1996
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	03/15/1996
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	03/15/1996
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	03/15/1996



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/15/1996
R74	Wet Preparation of Disturbed Soil Samples for Test	03/15/1996
T88	Particle Size Analysis of Soils by Hydrometer	03/15/1996
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	03/15/1996
T90	Plastic Limit of Soils (Atterberg Limits)	03/15/1996
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	03/15/1996
T100	Specific Gravity of Soils	03/15/1996
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/15/1996
T191	Density of Soil In-Place by the Sand Cone Method	04/22/2011
T193	The California Bearing Ratio	03/15/1996
T265	Laboratory Determination of Moisture Content of Soils	03/15/1996
T267	Determination of Organic Content in Soils by Loss on Ignition	04/22/2011
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	03/15/1996
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/15/1996
D422	Particle Size Analysis of Soils by Hydrometer	03/15/1996
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	03/15/1996
D854	Specific Gravity of Soils	03/15/1996
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	03/15/1996
D1556	Density of Soil In-Place by the Sand Cone Method	04/22/2011
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/15/1996
D1883	The California Bearing Ratio	03/15/1996
D2216	Laboratory Determination of Moisture Content of Soils	03/15/1996
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	03/15/1996



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Soil (Continued)

Standard:	Accredited Since:
D2488 Description and Identification of Soils (Visual-Manual Procedure)	03/15/1996
D2974 Determination of Organic Content in Soils by Loss on Ignition	04/22/2011
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	03/15/1996
D4318 Plastic Limit of Soils (Atterberg Limits)	03/15/1996
D4718 Oversize Particle Correction	08/27/2020
D4972 pH Testing of Soils	04/22/2011
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	03/15/1996



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Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	03/15/1996
R90	Sampling Aggregate	08/27/2020
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	03/15/1996
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	03/15/1996
T21	Organic Impurities in Fine Aggregates for Concrete	03/15/1996
T27	Sieve Analysis of Fine and Coarse Aggregates	03/15/1996
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/15/1996
T85	Specific Gravity and Absorption of Coarse Aggregate	03/15/1996
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	03/15/1996
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	03/15/1996
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	03/15/1996
T255	Total Moisture Content of Aggregate by Drying	03/15/1996
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	03/15/1996
C40	Organic Impurities in Fine Aggregates for Concrete	03/15/1996
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	03/15/1996
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	03/15/1996
C127	Specific Gravity and Absorption of Coarse Aggregate	03/15/1996
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/15/1996
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	03/15/1996
C136	Sieve Analysis of Fine and Coarse Aggregates	03/15/1996
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	08/27/2020
C566	Total Moisture Content of Aggregate by Drying	03/15/1996
C702	Reducing Samples of Aggregate to Testing Size	03/15/1996



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Aggregate (Continued)

Standard:

Accredited Since:

D75 Sampling Aggregate

02/23/2016

D2419 Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test

03/15/1996



SCOPE OF AASHTO ACCREDITATION FOR:

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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

07/30/2013

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

07/30/2013



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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	06/13/2014
R39	Making and Curing Concrete Test Specimens in the Laboratory	06/13/2014
R60	Sampling Freshly Mixed Concrete	03/15/1996
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	10/12/2011
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	10/12/2011
T22	Compressive Strength of Cylindrical Concrete Specimens	03/15/1996
T24 (Drilling Cores of Concrete)	Drilling Cores of Concrete	12/19/2016
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	12/19/2016
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	12/19/2016
T119	Slump of Hydraulic Cement Concrete	03/15/1996
T121	Density (Unit Weight), Yield, and Air Content of Concrete	03/15/1996
T148	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	03/15/1996
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	03/15/1996
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	03/15/1996
T231 (11000 psi and below)	Capping Cylindrical Concrete Specimens	06/21/2022
T277	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	12/19/2016
T309	Temperature of Freshly Mixed Portland Cement Concrete	03/15/1996
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	10/12/2011
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	10/12/2011
C39	Compressive Strength of Cylindrical Concrete Specimens	03/15/1996
C42 (Drilling Cores of Concrete)	Drilling Cores of Concrete	03/15/1996
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	03/15/1996
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	10/12/2011



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Concrete (Continued)

Standard:		Accredited Since:
C138	Density (Unit Weight), Yield, and Air Content of Concrete	03/15/1996
C143	Slump of Hydraulic Cement Concrete	03/15/1996
C172	Sampling Freshly Mixed Concrete	03/15/1996
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	03/15/1996
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	03/15/1996
C192	Making and Curing Concrete Test Specimens in the Laboratory	03/15/1996
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	03/15/1996
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/12/2011
C617 (11000 psi and below)	Capping Cylindrical Concrete Specimens	06/21/2022
C1064	Temperature of Freshly Mixed Portland Cement Concrete	03/15/1996
C1202	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	05/10/2016
C1218	Water-Soluble Chloride in Mortar and Concrete	05/10/2016
C1231 (10000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	12/19/2016



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Masonry

Standard:

Accredited Since:

M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/13/2014
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	06/13/2014
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	06/13/2014
T137	Air Content of Hydraulic Cement Mortar	06/13/2014
C67	Brick: Absorption	06/13/2014
C67	Brick: Capping	06/13/2014
C67	Brick: Compressive Strength	06/13/2014
C67	Brick: Initial Rate of Absorption	06/13/2014
C67	Brick: Measurement	06/13/2014
C67	Brick: Specimen Preparation	06/13/2014
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	06/13/2014
C140 (Full-Size Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	11/04/2025
C185	Air Content of Hydraulic Cement Mortar	06/13/2014
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	06/13/2014
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/13/2014
C1019	Sampling and Testing Grout	06/13/2014
C1437	Flow of Hydraulic Cement Mortar	06/13/2014
C1506	Water Retention of Hydraulic Cement-Based Mortars and Plasters	06/13/2014
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	06/13/2014