



CERTIFICATE OF ACCREDITATION



Professional Service Industries, Inc. - an Intertek Group plc company

in

Portland, Oregon, 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).



Jim Tymon,
AASHTO Executive Director



Matt Linneman
AASHTO COMP Chair



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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	01/16/2020
ISO/IEC 17025	General Requirements for the Competence of Testing and Calibration Laboratories	02/07/2020
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/16/2020
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	04/07/2020
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	04/07/2020
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/16/2020
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/16/2020
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	01/16/2020
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/16/2020
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/16/2020
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/07/2020
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/07/2020
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/16/2020
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/16/2020



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Asphalt Mixture

Standard:

Accredited Since:

R47 Reducing Samples of Hot-Mix Asphalt to Testing Size	01/16/2020
R97 Sampling Bituminous Paving Mixtures	01/10/2023
T30 Mechanical Analysis of Extracted Aggregate	01/16/2020
T166 Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	12/12/2025
T209 Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	01/16/2020
T269 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	01/16/2020
T308 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	01/16/2020
T312 Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	12/12/2025
T329 Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	01/16/2020
T355 Density of Bituminous Concrete In Place by Nuclear Methods	01/16/2020
D979 Sampling Bituminous Paving Mixtures	01/16/2020
D2041 Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	01/16/2020
D2726 Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	12/12/2025
D2950 Density of Bituminous Concrete In Place by Nuclear Methods	01/16/2020
D3203 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	01/16/2020
D3549 Thickness or Height of Compacted Bituminous Paving Mixture Specimens	01/16/2020
D3665 Random Sampling of Construction Materials	01/16/2020
D5444 Mechanical Analysis of Extracted Aggregate	01/16/2020
D6307 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	01/16/2020
D6925 Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	12/12/2025



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Soil

Standard:

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R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/16/2020
T88	Particle Size Analysis of Soils by Hydrometer	12/12/2025
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	01/16/2020
T90	Plastic Limit of Soils (Atterberg Limits)	01/16/2020
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/16/2020
T100	Specific Gravity of Soils	01/16/2020
T134	Moisture-Density Relations of Soil-Cement Mixtures	12/12/2025
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/16/2020
T265	Laboratory Determination of Moisture Content of Soils	01/16/2020
T267	Determination of Organic Content in Soils by Loss on Ignition	01/16/2020
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/16/2020
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/16/2020
D422	Particle Size Analysis of Soils by Hydrometer	12/12/2025
D558	Moisture-Density Relations of Soil-Cement Mixtures	12/12/2025
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/16/2020
D854	Specific Gravity of Soils	01/16/2020
D1140	Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	01/16/2020
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/16/2020
D1883	The California Bearing Ratio	01/16/2020
D2216	Laboratory Determination of Moisture Content of Soils	01/16/2020
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	01/16/2020
D2488	Description and Identification of Soils (Visual-Manual Procedure)	01/16/2020
D2974	Determination of Organic Content in Soils by Loss on Ignition	01/16/2020



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Soil (Continued)

Standard:**Accredited Since:**

D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	01/16/2020
D4318 Plastic Limit of Soils (Atterberg Limits)	01/16/2020
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/16/2020
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	01/16/2020
G187 Soil Resistivity Using the Two-Electrode Soil Box	01/16/2020



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Rock

Standard:**Accredited Since:**

D5240 Evaluation of Durability of Rock for Erosion Control Using Sodium Sulfate or Magnesium Sulfate

01/16/2020

D5312 Evaluation of Durability of Rock for Erosion Control Under Freezing and Thawing Conditions

01/16/2020

D5313 Durability of Rock for Erosion Control Under Wetting and Drying Conditions

01/16/2020



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Aggregate

Standard:

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R76	Reducing Samples of Aggregate to Testing Size	01/16/2020
R90	Sampling Aggregate	01/16/2020
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	01/16/2020
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	01/16/2020
T21	Organic Impurities in Fine Aggregates for Concrete	01/16/2020
T27	Sieve Analysis of Fine and Coarse Aggregates	01/16/2020
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/16/2020
T85	Specific Gravity and Absorption of Coarse Aggregate	01/16/2020
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	01/16/2020
T112	Clay Lumps and Friable Particles in Aggregate	01/16/2020
T113	Lightweight Pieces in Aggregate	01/16/2020
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	01/16/2020
T255	Total Moisture Content of Aggregate by Drying	01/16/2020
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	01/16/2020
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	01/16/2020
C40	Organic Impurities in Fine Aggregates for Concrete	01/16/2020
C70	Surface Moisture in Fine Aggregate	04/07/2020
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	01/16/2020
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	01/16/2020
C123	Lightweight Pieces in Aggregate	01/16/2020
C127	Specific Gravity and Absorption of Coarse Aggregate	01/16/2020
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/16/2020
C136	Sieve Analysis of Fine and Coarse Aggregates	01/16/2020



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Aggregate (Continued)

Standard:**Accredited Since:**

C142 Clay Lumps and Friable Particles in Aggregate	01/16/2020
C566 Total Moisture Content of Aggregate by Drying	01/16/2020
C702 Reducing Samples of Aggregate to Testing Size	01/16/2020
D75 Sampling Aggregate	01/16/2020
D2419 Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	01/16/2020
D4791 Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	01/16/2020
D5821 Determining the Percentage of Fractured Particles in Coarse Aggregate	01/16/2020



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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

01/16/2020

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

01/16/2020



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Concrete

Standard:

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C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	04/07/2020
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/07/2020
C39	Compressive Strength of Cylindrical Concrete Specimens	04/07/2020
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	04/07/2020
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/07/2020
C138	Density (Unit Weight), Yield, and Air Content of Concrete	04/07/2020
C143	Slump of Hydraulic Cement Concrete	04/07/2020
C172	Sampling Freshly Mixed Concrete	04/07/2020
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	04/07/2020
C192	Making and Curing Concrete Test Specimens in the Laboratory	04/07/2020
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	04/07/2020
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/07/2020
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	02/10/2021
C1064	Temperature of Freshly Mixed Portland Cement Concrete	04/07/2020
C1140 (Obtaining and Testing Specimens)	Preparing and Testing Specimens from Shotcrete Test Panels	01/28/2025
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	04/07/2020
C1542	Measuring Length of Concrete Cores	04/07/2020



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Masonry

Standard:**Accredited Since:**

C140 (Concrete Masonry Units) Sampling and Testing Concrete Masonry Units and Related Units	04/07/2020
C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/28/2025
C1019 Sampling and Testing Grout	04/07/2020
C1314 Compressive Strength of Masonry Prisms	04/07/2020
C1552 Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	04/07/2020