



CERTIFICATE OF ACCREDITATION



Professional Service Industries, Inc.

in

Tacoma, 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', written over a horizontal line.

Jim Tymon,
AASHTO Executive Director

A handwritten signature in black ink, appearing to read 'Moe Jamshidi', written over a horizontal line.

Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 08/06/2020 at 8:19 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:
 Professional Service Industries, Inc.
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Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	08/15/2001
ISO/IEC 17025	General Requirements for the Competence of Testing and Calibration Laboratories	11/21/2019
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	02/16/2016
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	06/25/2013
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	06/06/2013
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/17/2013
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	06/25/2013
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/06/2013
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/14/2017
E329 (Steel Inspection)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/12/2016



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Asphalt Mixture

Standard:

Accredited Since:

R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	09/28/2017
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	04/01/2002
T30	Mechanical Analysis of Extracted Aggregate	04/01/2002
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/01/2002
T168	Sampling Bituminous Paving Mixtures	06/14/2017
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/01/2002
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	04/01/2002
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	09/28/2017
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/01/2002
D979	Sampling Bituminous Paving Mixtures	06/14/2017
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	11/20/2015
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/01/2002
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	09/28/2017
D5444	Mechanical Analysis of Extracted Aggregate	04/01/2002
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	04/01/2002
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	04/01/2002
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	04/01/2002



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/14/2017
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	06/15/2002
T90	Plastic Limit of Soils (Atterberg Limits)	06/15/2002
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	06/15/2002
T100	Specific Gravity of Soils	Suspended
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/15/2002
T265	Laboratory Determination of Moisture Content of Soils	06/14/2017
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	09/28/2017
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/14/2017
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	06/15/2002
D854	Specific Gravity of Soils	Suspended
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/15/2002
D2216	Laboratory Determination of Moisture Content of Soils	06/14/2017
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	06/15/2002
D4318	Plastic Limit of Soils (Atterberg Limits)	06/15/2002
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	09/28/2017



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Aggregate

Standard:

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R76	Reducing Samples of Aggregate to Testing Size	08/15/2001
R90	Sampling Aggregate	11/20/2015
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	08/15/2001
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	06/14/2017
T21	Organic Impurities in Fine Aggregates for Concrete	08/15/2001
T27	Sieve Analysis of Fine and Coarse Aggregates	08/15/2001
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	08/15/2001
T85	Specific Gravity and Absorption of Coarse Aggregate	08/15/2001
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/16/2016
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	05/13/2016
T112	Clay Lumps and Friable Particles in Aggregate	11/20/2015
T255	Total Moisture Content of Aggregate by Drying	08/15/2001
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	06/14/2017
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	06/14/2017
C40	Organic Impurities in Fine Aggregates for Concrete	08/15/2001
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	07/19/2013
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	08/15/2001
C127	Specific Gravity and Absorption of Coarse Aggregate	08/15/2001
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	08/15/2001
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	05/17/2013
C136	Sieve Analysis of Fine and Coarse Aggregates	08/15/2001
C142	Clay Lumps and Friable Particles in Aggregate	05/17/2013
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/16/2016



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Aggregate (Continued)

Standard:

Accredited Since:

C566 Total Moisture Content of Aggregate by Drying	08/15/2001
C702 Reducing Samples of Aggregate to Testing Size	08/15/2001
C1252 Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	06/14/2017
D75 Sampling Aggregate	11/20/2015



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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

06/14/2017

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

06/14/2017



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Iron and Steel

Standard:

Accredited Since:

F3125 Externally Threaded Fasteners (Bolts): Rotational Capacity

11/20/2015



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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	06/25/2013
R60	Sampling Freshly Mixed Concrete	08/15/2001
T22	Compressive Strength of Cylindrical Concrete Specimens	08/15/2001
T23	Making and Curing Concrete Test Specimens in the Field	08/15/2001
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	06/25/2013
T119	Slump of Hydraulic Cement Concrete	08/15/2001
T121	Density (Unit Weight), Yield, and Air Content of Concrete	08/15/2001
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	08/15/2001
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	06/25/2013
T309	Temperature of Freshly Mixed Portland Cement Concrete	06/25/2013
C31	Making and Curing Concrete Test Specimens in the Field	08/15/2001
C39	Compressive Strength of Cylindrical Concrete Specimens	08/15/2001
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	08/15/2001
C138	Density (Unit Weight), Yield, and Air Content of Concrete	08/15/2001
C143	Slump of Hydraulic Cement Concrete	08/15/2001
C172	Sampling Freshly Mixed Concrete	08/15/2001
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	08/15/2001
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/25/2013
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	06/25/2013
C1064	Temperature of Freshly Mixed Portland Cement Concrete	08/15/2001
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	08/15/2001



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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	06/25/2013
C140 (Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	06/25/2013
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/25/2013
C1019	Sampling and Testing Grout	06/25/2013
C1314	Compressive Strength of Masonry Prisms	06/25/2013
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	06/25/2013