AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

Construction Testing Laboratories, Inc.

in

Puyallup, 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).

Jim Tymon,
AASHTO Executive Director

Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 10/22/2020 at 1:48 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

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in Puyallup, Washington, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	08/15/1994
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
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	01/10/2011
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	04/22/2013
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/04/2013
E329 (Steel Inspection)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/01/2018

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Asphalt Mixture

Standard:		Accredited Since:
R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	01/06/2020
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	01/06/2020
T30	Mechanical Analysis of Extracted Aggregate	08/15/1994
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	08/15/1994
T168	Sampling Bituminous Paving Mixtures	01/06/2020
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	08/15/1994
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	08/15/1994
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	08/15/1994
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	08/15/1994
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	08/18/2015
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	10/19/2017
T331	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	02/19/2020
T355	Density of Bituminous Concrete In Place by Nuclear Methods	02/19/2020
D979	Sampling Bituminous Paving Mixtures	01/06/2020
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/01/2012
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	05/01/2012
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	02/04/2013
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/01/2012
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	02/19/2020
D5444	Mechanical Analysis of Extracted Aggregate	05/01/2012
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	05/01/2012
D6752	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method	02/19/2020
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	05/01/2012

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Asphalt Mixture (Continued)

Standard:	Accredited Since:
D6926 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	05/01/2012
D6927 Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	05/01/2012
D6931 Indirect Tensile Strength (IDT)	08/18/2015

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/16/2004
T88	Particle Size Analysis of Soils by Hydrometer	01/16/2004
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	01/16/2004
T90	Plastic Limit of Soils (Atterberg Limits)	01/16/2004
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/16/2004
T100	Specific Gravity of Soils	01/16/2004
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/16/2004
T265	Laboratory Determination of Moisture Content of Soils	10/19/2017
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/16/2004
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/16/2004
D422	Particle Size Analysis of Soils by Hydrometer	01/16/2004
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/16/2004
D854	Specific Gravity of Soils	08/18/2015
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	01/06/2020
D1556	Density of Soil In-Place by the Sand Cone Method	01/06/2020
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/16/2004
D2216	Laboratory Determination of Moisture Content of Soils	10/19/2017
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	01/16/2004
D4318	Plastic Limit of Soils (Atterberg Limits)	01/16/2004
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/16/2004

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	06/01/2000
R90	Sampling Aggregate	10/19/2017
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	06/01/2000
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	04/22/2013
T21	Organic Impurities in Fine Aggregates for Concrete	06/01/2000
T27	Sieve Analysis of Fine and Coarse Aggregates	06/01/2000
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	06/01/2000
T85	Specific Gravity and Absorption of Coarse Aggregate	06/01/2000
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/04/2013
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	08/18/2015
T112	Clay Lumps and Friable Particles in Aggregate	10/19/2017
T113	Lightweight Pieces in Aggregate	10/19/2017
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	02/04/2013
T255	Total Moisture Content of Aggregate by Drying	06/01/2000
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	02/04/2013
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	10/19/2017
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	04/22/2013
C40	Organic Impurities in Fine Aggregates for Concrete	06/01/2000
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	08/18/2015
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	06/01/2000
C123	Lightweight Pieces in Aggregate	10/19/2017
C127	Specific Gravity and Absorption of Coarse Aggregate	06/01/2000
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	06/01/2000

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Aggregate (Continued)

Standard:		Accredited Since:
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/04/2013
C136	Sieve Analysis of Fine and Coarse Aggregates	06/01/2000
C142	Clay Lumps and Friable Particles in Aggregate	10/19/2017
C566	Total Moisture Content of Aggregate by Drying	06/01/2000
C702	Reducing Samples of Aggregate to Testing Size	06/01/2000
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	02/04/2013
D75	Sampling Aggregate	02/04/2013
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	02/04/2013
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	02/04/2013
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	02/04/2013

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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	02/04/2013
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	02/04/2013

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Iron and Steel

Standard:	Accredited Since:
F3125 Externally Threaded Fasteners (Bolts): Rotational Capacity	08/18/2015

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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	04/22/2013
R60	Sampling Freshly Mixed Concrete	06/01/2000
T22	Compressive Strength of Cylindrical Concrete Specimens	06/01/2000
T23	Making and Curing Concrete Test Specimens in the Field	06/01/2000
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/22/2013
T119	Slump of Hydraulic Cement Concrete	06/01/2000
T121	Density (Unit Weight), Yield, and Air Content of Concrete	06/01/2000
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	06/01/2000
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	06/01/2000
T231 (11000 psi and below)	Capping Cylindrical Concrete Specimens	02/28/2018
T309	Temperature of Freshly Mixed Portland Cement Concrete	04/22/2013
C31	Making and Curing Concrete Test Specimens in the Field	06/01/2000
C39	Compressive Strength of Cylindrical Concrete Specimens	06/01/2000
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	06/01/2000
C138	Density (Unit Weight), Yield, and Air Content of Concrete	06/01/2000
C143	Slump of Hydraulic Cement Concrete	06/01/2000
C172	Sampling Freshly Mixed Concrete	06/01/2000
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	06/01/2000
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	06/01/2000
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/22/2013
C617 (11000 psi and below)	Capping Cylindrical Concrete Specimens	02/28/2018
C1064	Temperature of Freshly Mixed Portland Cement Concrete	06/01/2000
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	06/01/2000

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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	04/22/2013
C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/22/2013
C1019 Sampling and Testing Grout	10/25/2010
C1314 Compressive Strength of Masonry Prisms	10/25/2010
C1552 Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	10/26/2012