



# CERTIFICATE OF ACCREDITATION



## 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](https://www.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 03/25/2023 at 10:28 AM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://www.aashtoresource.org/aap/accreditation-directory)



**SCOPE OF AASHTO ACCREDITATION FOR:**  
 Construction Testing Laboratories, Inc.  
 in Puyallup, Washington, USA

**Quality Management System**

<b>Standard:</b>		<b>Accredited Since:</b>
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
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	05/13/2021
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 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/13/2021
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



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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
R97	Sampling Bituminous Paving Mixtures	01/17/2023
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
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	<b>Suspended</b>
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	<b>Suspended</b>
D1140	Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	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

<b>Standard:</b>	<b>Accredited Since:</b>
R76 Reducing Samples of Aggregate to Testing Size	06/01/2000
R90 Sampling Aggregate	10/19/2017
T11 Materials Finer Than 75- $\mu$ m (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- $\mu$ m (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)**

<b>Standard:</b>	<b>Accredited Since:</b>
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 Materials Applied to Structural Members

02/04/2013





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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	04/22/2013
R60	Sampling Freshly Mixed Concrete	06/01/2000
R100	Making and Curing Concrete Test Specimens in the Field	06/01/2000
T22	Compressive Strength of Cylindrical Concrete Specimens	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
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	02/16/2021
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
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 (7000 psi and below)	Capping Cylindrical Concrete Specimens	02/16/2021
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:**

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C140 (Concrete Masonry Units) Sampling and Testing Concrete Masonry Units and Related Units	02/16/2021
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