



# CERTIFICATE OF ACCREDITATION



## Concrete Solutions Laboratory Corp.

in

**Hicksville, New York, 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](http://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 04/27/2020 at 2:07 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](http://aashtoresource.org/aap/accreditation-directory)



# SCOPE OF AASHTO ACCREDITATION FOR:

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## Quality Management System

### Standard:

### Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	01/15/2014
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/15/2014
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/15/2014
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	09/19/2018
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	09/19/2018
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	09/19/2018
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/15/2014
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/19/2018
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/15/2014
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/19/2018



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## Asphalt Mixture

**Standard:**

**Accredited Since:**

D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	09/19/2018
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	09/19/2018
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	09/19/2018
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	09/19/2018



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## Soil

### Standard:

### Accredited Since:

T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	09/19/2018
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	09/19/2018
T191	Density of Soil In-Place by the Sand Cone Method	09/19/2018
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	09/19/2018
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	09/19/2018
D1140	Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	09/19/2018
D1556	Density of Soil In-Place by the Sand Cone Method	09/19/2018
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	09/19/2018
D2216	Laboratory Determination of Moisture Content of Soils	09/19/2018
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	09/19/2018



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## Aggregate

**Standard:**

**Accredited Since:**

C29 Bulk Density ("Unit Weight") and Voids in Aggregate	01/15/2014
C40 Organic Impurities in Fine Aggregates for Concrete	01/15/2014
C117 Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	01/15/2014
C127 Specific Gravity and Absorption of Coarse Aggregate	01/15/2014
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/15/2014
C136 Sieve Analysis of Fine and Coarse Aggregates	01/15/2014
C566 Total Moisture Content of Aggregate by Drying	01/15/2014
C702 Reducing Samples of Aggregate to Testing Size	01/15/2014



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## Concrete

<b>Standard:</b>		<b>Accredited Since:</b>
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	01/15/2014
C39	Compressive Strength of Cylindrical Concrete Specimens	01/15/2014
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	01/15/2014
C138	Density (Unit Weight), Yield, and Air Content of Concrete	01/15/2014
C143	Slump of Hydraulic Cement Concrete	01/15/2014
C172	Sampling Freshly Mixed Concrete	01/15/2014
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	01/15/2014
C192	Making and Curing Concrete Test Specimens in the Laboratory	01/15/2014
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	01/15/2014
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/15/2014
C617 (11000 psi and below)	Capping Cylindrical Concrete Specimens	03/18/2019
C1064	Temperature of Freshly Mixed Portland Cement Concrete	01/15/2014
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	01/15/2014
C1542	Measuring Length of Concrete Cores	09/01/2016