



CERTIFICATE OF ACCREDITATION



Concrete Research & Testing, LTD.

in

Columbus, Ohio, 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 02/25/2024 at 2:10 PM 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:

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Quality Management System

Standard:

R18 Establishing and Implementing a Quality System for Construction Materials Testing Laboratories

Accredited Since:

09/01/2002



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Aggregate

Standard:

Accredited Since:

C40 Organic Impurities in Fine Aggregates for Concrete	04/25/2005
C117 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	04/25/2005
C127 Specific Gravity and Absorption of Coarse Aggregate	04/25/2005
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/25/2005
C136 Sieve Analysis of Fine and Coarse Aggregates	04/25/2005
C295 Petrographic Examination of Aggregates for Concrete	01/20/2012
C566 Total Moisture Content of Aggregate by Drying	04/25/2005
C702 Reducing Samples of Aggregate to Testing Size	04/25/2005



SCOPE OF AASHTO ACCREDITATION FOR:

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Concrete

Standard:		Accredited Since:
C31	Making and Curing Concrete Test Specimens in the Field	09/24/2019
C39	Compressive Strength of Cylindrical Concrete Specimens	09/01/2002
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	09/01/2002
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	09/24/2019
C138	Density (Unit Weight), Yield, and Air Content of Concrete	09/01/2002
C143	Slump of Hydraulic Cement Concrete	09/01/2002
C172	Sampling Freshly Mixed Concrete	09/01/2002
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	09/01/2002
C192	Making and Curing Concrete Test Specimens in the Laboratory	09/01/2002
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	09/01/2002
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	11/30/2022
C457	Microscopical Determination of Parameters of the Air-Void System in Hardened Concrete	09/01/2002
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/20/2012
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	01/20/2012
C856	Petrographic Examination of Hardened Concrete	01/20/2021
C1064	Temperature of Freshly Mixed Portland Cement Concrete	09/01/2002
C1202	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	09/01/2002
C1218	Water-Soluble Chloride in Mortar and Concrete	09/01/2002
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	09/24/2019
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	09/01/2002
C1542	Measuring Length of Concrete Cores	09/03/2014



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Ultra-High Performance Concrete (UHPC)

Standard:

Accredited Since:

C1856-C39 Compressive Strength of Cylindrical Ultra-High Performance Concrete Specimens

11/30/2022

C1856-C511 Curing Specimens of Ultra-High Performance Concrete

11/30/2022