



CERTIFICATE OF ACCREDITATION



Ozinga Ready Mix Concrete, Inc.

in

Chicago, Illinois, 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 02/21/2022 at 10:12 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Ozinga Ready Mix Concrete, Inc.

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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/09/2018
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	11/09/2019
C1222 (Cement)	Evaluation of Laboratories Testing Hydraulic Cement	04/09/2018



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Concrete

Standard:		Accredited Since:
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/09/2019
C39	Compressive Strength of Cylindrical Concrete Specimens	11/09/2019
C138	Density (Unit Weight), Yield, and Air Content of Concrete	11/09/2019
C143	Slump of Hydraulic Cement Concrete	11/09/2019
C172	Sampling Freshly Mixed Concrete	11/09/2019
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	11/09/2019
C192	Making and Curing Concrete Test Specimens in the Laboratory	11/09/2019
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	11/09/2019
C403	Time of Setting of Concrete Mixtures by Penetration Resistance	11/09/2019
C469	Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression	11/09/2019
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/09/2019
C1064	Temperature of Freshly Mixed Portland Cement Concrete	11/09/2019
C1231 (11000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	11/09/2019



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Cement - Physical Tests

Standard:		Accredited Since:
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	04/09/2018
C114 (Loss on Ignition)	Loss on Ignition – Reference	11/09/2019
C151	Autoclave Expansion of Portland Cement	04/09/2018
C183	Sampling and the Amount of Testing of Hydraulic Cement	04/09/2018
C185	Air Content of Hydraulic Cement Mortar	04/09/2018
C187	Normal Consistency of Hydraulic Cement	04/09/2018
C188	Density of Hydraulic Cement	04/09/2018
C191	Time of Setting of Hydraulic Cement by Vicat Needle	04/09/2018
C204	Fineness of Hydraulic Cement by Air Permeability Apparatus	04/09/2018
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	04/09/2018
C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	04/09/2018
C451	Early Stiffening of Hydraulic Cement (Paste Method)	04/09/2018
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/09/2018
C1437	Flow of Hydraulic Cement Mortar	04/09/2018



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Cementitious Material - Chemical Tests

Standard:

Accredited Since:

C114 Aluminum Oxide – X-Ray Fluorescence	04/09/2018
C114 Calcium Oxide – X-Ray Fluorescence	04/09/2018
C114 Ferric Oxide – X-Ray Fluorescence	04/09/2018
C114 Loss on Ignition – Reference	04/09/2018
C114 Magnesium Oxide – X-Ray Fluorescence	04/09/2018
C114 Manganic Oxide – X-Ray Fluorescence	11/09/2019
C114 Phosphorus Pentoxide – X-Ray Fluorescence	04/09/2018
C114 Potassium Oxide – X-Ray Fluorescence	04/09/2018
C114 Silicon Dioxide – X-Ray Fluorescence	04/09/2018
C114 Sodium Oxide – X-Ray Fluorescence	04/09/2018
C114 Sulfur Trioxide – X-Ray Fluorescence	04/09/2018
C114 Titanium Dioxide – X-Ray Fluorescence	04/09/2018



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Pozzolan

Standard:

Accredited Since:

C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	11/09/2019
C151	Autoclave Expansion of Portland Cement	11/09/2019
C187	Normal Consistency of Hydraulic Cement	11/09/2019
C188	Density of Hydraulic Cement	11/09/2019
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	11/09/2019
C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	11/09/2019
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/09/2019
C1437	Flow of Hydraulic Cement Mortar	11/09/2019



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Slag Cement

Standard:

Accredited Since:

C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	04/09/2018
C185	Air Content of Hydraulic Cement Mortar	04/09/2018
C188	Density of Hydraulic Cement	04/09/2018
C204	Fineness of Hydraulic Cement by Air Permeability Apparatus	04/09/2018
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	04/09/2018
C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	04/09/2018
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/09/2018
C1437	Flow of Hydraulic Cement Mortar	04/09/2018