



CERTIFICATE OF ACCREDITATION



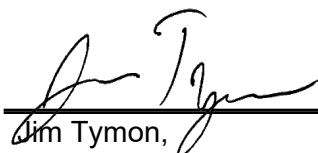
Kansas City Fly Ash LLC - an Eagle Materials Inc. company

in

Sugar Creek, Missouri, 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


Matt Linneman,
AASHTO COMP Chair

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SCOPE OF AASHTO ACCREDITATION FOR:

Kansas City Fly Ash LLC - an Eagle Materials Inc. company
in Sugar Creek, Missouri, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	08/28/2007
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011



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Aggregate

Standard:

Accredited Since:

C40 Organic Impurities in Fine Aggregates for Concrete	05/11/2010
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	05/11/2010
C127 Specific Gravity and Absorption of Coarse Aggregate	05/11/2010
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/11/2010
C136 Sieve Analysis of Fine and Coarse Aggregates	05/11/2010
C566 Total Moisture Content of Aggregate by Drying	05/11/2010
C702 Reducing Samples of Aggregate to Testing Size	05/11/2010



SCOPE OF AASHTO ACCREDITATION FOR:

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Cementitious Material - Chemical Tests

Standard:

Accredited Since:

C114 Aluminum Oxide – X-Ray Fluorescence	01/03/2024
C114 Calcium Oxide – X-Ray Fluorescence	01/03/2024
C114 Ferric Oxide – X-Ray Fluorescence	01/03/2024
C114 Loss on Ignition – LECO Furnace	01/03/2024
C114 Magnesium Oxide – X-Ray Fluorescence	01/03/2024
C114 Phosphorus Pentoxide – X-Ray Fluorescence	01/03/2024
C114 Potassium Oxide – X-Ray Fluorescence	01/03/2024
C114 Silicon Dioxide – X-Ray Fluorescence	01/03/2024
C114 Sodium Oxide – X-Ray Fluorescence	01/03/2024
C114 Sulfur Trioxide – X-Ray Fluorescence	01/03/2024
C114 Titanium Dioxide – X-Ray Fluorescence	01/03/2024



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Cement - Physical Tests

Standard:

Accredited Since:

C305 Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency

01/03/2024

C1012 Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution

01/03/2024



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Concrete

Standard:		Accredited Since:
R119	Grinding the Ends of Cylindrical Concrete Specimens	06/24/2026
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	08/28/2007
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	08/28/2007
C39	Compressive Strength of Cylindrical Concrete Specimens	08/28/2007
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	08/28/2007
C138	Density (Unit Weight), Yield, and Air Content of Concrete	08/28/2007
C143	Slump of Hydraulic Cement Concrete	08/28/2007
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	08/28/2007
C172	Sampling Freshly Mixed Concrete	08/28/2007
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/01/2011
C192	Making and Curing Concrete Test Specimens in the Laboratory	01/08/2024
C215	Fundamental Transverse, Longitudinal and Torsional Frequencies of Concrete Specimens	08/28/2007
C227	Potential Alkali Reactivity of Cement-Aggregate Combinations (Mortar-Bar Method)	01/03/2024
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	08/28/2007
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	01/03/2024
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/19/2013
C666	Resistance of Concrete to Rapid Freezing and Thawing	01/03/2024
C1064	Temperature of Freshly Mixed Portland Cement Concrete	08/28/2007
C1202	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	08/28/2007
C1218	Water-Soluble Chloride in Mortar and Concrete	09/25/2017
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	08/19/2013
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	08/28/2007
C1293	Determination of Length Change of Concrete Due to Alkali-Silica Reaction	01/08/2024



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Concrete (Continued)

Standard:

Accredited Since:

C1437	Flow of Hydraulic Cement Mortar	06/24/2026
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	08/28/2007



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Pozzolan

Standard:

Accredited Since:

C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	04/30/2015
C151	Autoclave Expansion of Hydraulic Cement	04/30/2015
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	04/30/2015
C187	Normal Consistency of Hydraulic Cement	04/30/2015
C188	Density of Hydraulic Cement	04/30/2015
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	01/03/2024
C311 (Loss on Ignition)	Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete (Loss on Ignition)	04/30/2015
C311 (Moisture Content)	Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete (Moisture Content)	06/24/2026
C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	04/30/2015
C441	Effectiveness of Pozzolans or Ground Blast-Furnace Slag in Preventing Excessive Expansion of Concrete Due to the Alkali-Silica Reaction	05/11/2010
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/30/2015
C1012	Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution	01/03/2024
C1437	Flow of Hydraulic Cement Mortar	04/30/2015



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Slag Cement

Standard:

Accredited Since:

C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	06/24/2026
C188	Density of Hydraulic Cement	06/24/2026
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	06/24/2026
C430	Fineness of Hydraulic Cement by the 45-µm (No. 325) Sieve	06/24/2026
C441	Effectiveness of Pozzolans or Ground Blast-Furnace Slag in Preventing Excessive Expansion of Concrete Due to the Alkali-Silica Reaction	06/24/2026
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/24/2026
C1437	Flow of Hydraulic Cement Mortar	06/24/2026



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Ultra-High Performance Concrete (UHPC)

Standard:

Accredited Since:

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

06/24/2026

C1856-C511 Curing Specimens of Ultra-High Performance Concrete

06/24/2026