



CERTIFICATE OF ACCREDITATION



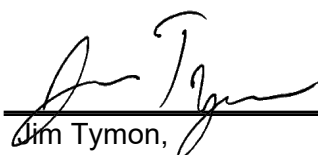
Roanoke Cement Company LLC

in

Troutville, Virginia, 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:

Roanoke Cement Company LLC
in Troutville, Virginia, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	05/13/2004
C1222 (Cement)	Evaluation of Laboratories Testing Hydraulic Cement	01/10/2011



SCOPE OF AASHTO ACCREDITATION FOR:

Roanoke Cement Company LLC

in Troutville, Virginia, USA

Cementitious Material - Chemical Tests

Standard:

Accredited Since:

T105 Aluminum Oxide – X-Ray Fluorescence	10/12/2018
T105 Calcium Oxide – X-Ray Fluorescence	10/12/2018
T105 Ferric Oxide – X-Ray Fluorescence	10/12/2018
T105 Free Calcium Oxide – Alternative	07/21/2025
T105 Insoluble Residue – Reference	10/12/2018
T105 Loss on Ignition – Reference	10/12/2018
T105 Magnesium Oxide – X-Ray Fluorescence	10/12/2018
T105 Potassium Oxide – X-Ray Fluorescence	10/12/2018
T105 Silicon Dioxide – X-Ray Fluorescence	10/12/2018
T105 Sodium Oxide – X-Ray Fluorescence	10/12/2018
T105 Sulfur Trioxide – X-Ray Fluorescence	10/12/2018
T105 Titanium Dioxide – X-Ray Fluorescence	10/12/2018
C114 Aluminum Oxide – X-Ray Fluorescence	05/13/2004
C114 Calcium Oxide – X-Ray Fluorescence	05/13/2004
C114 Ferric Oxide – X-Ray Fluorescence	05/13/2004
C114 Free Calcium Oxide – Alternative	07/21/2025
C114 Insoluble Residue – Reference	05/13/2004
C114 Loss on Ignition – Reference	05/13/2004
C114 Magnesium Oxide – X-Ray Fluorescence	05/13/2004
C114 Potassium Oxide – X-Ray Fluorescence	05/13/2004
C114 Silicon Dioxide – X-Ray Fluorescence	05/13/2004
C114 Sodium Oxide – X-Ray Fluorescence	05/13/2004
C114 Sulfur Trioxide – X-Ray Fluorescence	05/13/2004



SCOPE OF AASHTO ACCREDITATION FOR:

Roanoke Cement Company LLC

in Troutville, Virginia, USA

Cementitious Material - Chemical Tests (Continued)

Standard:

Accredited Since:

C114 Titanium Dioxide – X-Ray Fluorescence

07/22/2011



SCOPE OF AASHTO ACCREDITATION FOR:

Roanoke Cement Company LLC

in Troutville, Virginia, USA

Cement - Physical Tests

Standard:

Accredited Since:

M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/12/2018
R71	Sampling and the Amount of Testing of Hydraulic Cement	10/12/2018
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	10/12/2018
T105 (Loss on Ignition - Reference)	Loss on Ignition – Reference	10/12/2018
T106	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	10/12/2018
T129	Normal Consistency of Hydraulic Cement	10/12/2018
T131	Time of Setting of Hydraulic Cement by Vicat Needle	10/12/2018
T133	Density of Hydraulic Cement	10/12/2018
T137	Air Content of Hydraulic Cement Mortar	10/12/2018
T153	Fineness of Hydraulic Cement by Air Permeability Apparatus	10/12/2018
T154	Time of Setting of Hydraulic-Cement Paste by Gillmore Needles	10/12/2018
T186	Early Stiffening of Hydraulic Cement (Paste Method)	10/12/2018
T192	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	10/12/2018
C109	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens)	05/13/2004
C114 (Loss on Ignition - Reference)	Loss on Ignition – Reference	10/12/2018
C183	Sampling and the Amount of Testing of Hydraulic Cement	05/13/2004
C185	Air Content of Hydraulic Cement Mortar	05/13/2004
C187	Normal Consistency of Hydraulic Cement	05/13/2004
C188	Density of Hydraulic Cement	10/12/2018
C191	Time of Setting of Hydraulic Cement by Vicat Needle	05/13/2004
C204	Fineness of Hydraulic Cement by Air Permeability Apparatus	05/13/2004
C266	Time of Setting of Hydraulic-Cement Paste by Gillmore Needles	05/13/2004
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	05/13/2004



SCOPE OF AASHTO ACCREDITATION FOR:

Roanoke Cement Company LLC

in Troutville, Virginia, USA

Cement - Physical Tests (Continued)

Standard:

Accredited Since:

C430	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve	05/13/2004
C451	Early Stiffening of Hydraulic Cement (Paste Method)	05/13/2004
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	03/13/2014
C1437	Flow of Hydraulic Cement Mortar	05/13/2004
C1506	Water Retention of Hydraulic Cement-Based Mortars and Plasters	05/13/2004