# PORTLAND CEMENT SUPPLIERS

Date last edited: 6/24/2025

Manufacturer/Source	Mill Location	Distributor	Terminal Location	n Cement Types	Expiration Date	Notes
Buzzi Unicem USA	Cape Girardeau, MO			IL	May 1, 2028	
Buzzi Unicem USA	Greencastle, IN			IL, III	May 1, 2028	
Buzzi Unicem USA	Festus, MO			IL	May 1, 2028	
Quikrete Cement	Hannibal, MO			IL	May 1, 2028	Formerly Continental Cement
Quikrete Cement	Davenport, IA			IL	May 1, 2028	Formerly Continental Cement
GCC of America	Pueblo, CO			IL	May 1, 2028	
GCC of America	Rapid City, SD			IL, III	May 1, 2028	
Heidelberg Materials	Mason City, IA			IL, III	May 1, 2028	
Heidelberg Materials	Mitchell, IN			IL	May 1, 2028	
Amrize Cement Inc.	Alpena, MI			IL, III	May 1, 2028	Formerly Holcim (US) Inc.
Amrize Cement Inc.	St. Genevieve/Bloomsdale, MO			IL	May 1, 2028	Formerly Holcim (US) Inc.
Nuh Cimento	Korfez/Kocaeli, Turkey	Ozinga	Chicago, IL; Milwaukee, WI	1/11	May 1, 2028	**CEMENT FROM THIS SOURCE TO BE FIELD-SAMPLED EVERY 1000 TONS**
CarbonSense	Thanh Hoa Province, Vietnam (Type I/II), Anshan City, China (slag)	Ozinga	Chicago, IL; Milwaukee, WI	IS	May 1, 2028	**CEMENT FROM THIS SOURCE TO BE FIELD-SAMPLED EVERY 1000 TONS**
Long Son Cement	Thanh Hoa Province, Vietnam	Ozinga	Chicago, IL; Milwaukee, WI	1/11	May 1, 2028	**CEMENT FROM THIS SOURCE TO BE FIELD-SAMPLED EVERY 1000 TONS**
St-Laurent	Joliette, Quebec, Canada			I-II (Low alkali), I-II(MH), IL	May 1, 2028	
Votorantim Cimentos, St Marys Cement	Charlevoix, MI			IL, III	May 1, 2028	
Votorantim Cimentos, St Marys Cement	Bowmanville, Ontario, Canada			IL	May 1, 2028	

Note: Mill Test Reports must accompany all cement shipments, and reviewed at the project level. If there is any notation on the mill cert that fly ash or slag has been added as a process addition during the manufacture of the cement, the maximum percent by weight of these materials added in the field should be reduced by the same amount. Use contact below for further inquiries.

## Contact:

DOTProductSubmittal@dot.wi.gov



#### **Wisconsin Department of Transportation**

Division of Transportation System Development Bureau of Technical Services 3502 Kinsman Boulevard Madison, WI 53704

# Approved Product List Application Process for Cement

Wisconsin Department of Transportation (WisDOT) requires approval for using cement in concrete projects from the approved product list (APL). This APL approval process for cement is subject to the requirements described below.

#### **Approval Process**

#### **Domestic Source Procedure**

- To apply for WisDOT's APL process for cement, the manufacturer/supplier must submit the required information listed below for WisDOT's review:
  - Safety Data Sheet
  - Signed letters of certification stating the specifications meet each brand, type, and source of cement.
  - A detailed record of monthly average manufacturer mill certifications for each brand, type, and source of cement that will be used for WisDOT work for the last 12 months.
    - The mill certifications must be dated and signed by a member of management who is authorized to certify the product and legally bind the cement supplier/manufacturer.
    - The cement testing for mill certifications must be conducted by an accredited American Association of State Highway and Transportation Officials (AASHTO) and Cement and Concrete Reference Laboratory (CCRL) testing laboratory/facility and the report must include the physical and chemical test data showing that cement has met or exceeded the requirements in outlined material property requirements section.
      - The testing laboratory/facility must participate in AASHTO/CCRL accreditation/inspection program and the manufacturer/supplier shall provide a copy of the testing facility's current CCRL inspection report.
      - If submitting an independent laboratory test data, include the AASHTO/CCRL certification of the testing laboratory.
    - The mill certification must include the actual limestone content in cement in addition to target values.
  - A copy of the plant's Quality Control (QC) plan, signed by the authorized personnel. The QC plan must include:
    - Control tests and testing frequencies completed by the manufacturer.
    - Description of laboratory facilities and equipment.
    - Programs to maintain test and shipment records at a minimum.
  - Primary point of contact for the submitted product including name, email address, phone number, and mailing address.
  - Submit the above required information to DOTProductSubmittal@dot.wi.gov.
- By applying, the manufacturer/supplier certifies that they have reviewed the standards/requirements, and their product meets the requirements. WisDOT may reject

- an APL submittal without further review if WisDOT determines that the product does not meet standards/requirements.
- Application submissions are <u>due on March 1<sup>st</sup></u> of each year. Applications will be <u>reviewed</u> within 8 weeks of submittal and when the review is completed, manufacturers/suppliers will be notified. Approved products will be included on the department's APL.

### Additionally for Foreign Sources with a Domestic Distributor:

- Cement must be supplied by an established domestic producer and/or distributor.
- Provide the location of the distribution terminal for the foreign source. The ship/barge used to transport the cement must be sourced from that location only.
- Once the shipment has arrived in the United States, the distributor must test the cement using a CCRL/AASHTO-accredited cement testing laboratory.

For more detailed information about the domestic and foreign source approval process, please follow the Certification Method of Acceptance for Portland Cement outlined in Section 870 Attachment 870-1 the WisDOT Construction and Materials Manual (CMM).

### **Material Property Requirements**

 The cement must meet the requirements of ASTM C150 for Portland cement or ASTM C595 for blended hydraulic cements with exceptions listed in Standard Specifications (SS) 501.2.4.1.

## **Process Additions**

• If submitted materials contain process additions over 1%, the type of process addition and maximum addition rates for each brand, type, and source of cement must be identified. The process additions over 1% must be reported immediately to the WisDOT.

# **Department Verification Testing Program**

- By joining in the WisDOT APL, the vendor agrees to participate in the department verification testing.
- The verification testing program will include physical and chemical tests that must verify conformance to ASTM C150 for Portland cement or ASTM C595 for blended hydraulic cements with exceptions listed in SS 501.2.4.1. Additional tests may also be performed by WisDOT as needed. The WisDOT project engineer shall obtain one 10-pound sample in accordance with AASHTO T127 or ASTM C183 that may be tested by WisDOT.
- If nonconformance is found, WisDOT will notify the vendor to resolve the discrepancy as quickly as possible. Continued approval of the product will be contingent upon resolution of the discrepancy and conforming test results from WisDOT's laboratory.

#### Compliance

- To remain on the WisDOT APL, submit a copy of the certified mill test reports <u>quarterly</u> (June 1<sup>st</sup>, September 1<sup>st</sup>, December 1<sup>st</sup>, and March 1<sup>st</sup>) to <u>DOTProductSubmittal@dot.wi.gov</u>. Each submittal must contain the certified test reports for the past 3 months.
- At any time, WisDOT may request a sample of the cement to test for conformance and compare the results with the vendor test data. The verification testing sample will be taken by a WisDOT project engineer at the time of manufacture or time of discharge at the plant.
- The manufacturer/supplier is required to reapply every 3 years.
- The department may request re-compliance at any time.

#### **Non-Compliance**

- WisDOT will continue to regard this approval valid for unless/until any of the following conditions arise:
  - Field performance problems with the product.
  - The product samples audited/tested by WisDOT do not meet the requirements as specified in this document.
  - Change in the physical or chemical properties of the cement.
  - Not reporting process additions.
  - Cement supplier product is not used on WisDOT projects for three consecutive years.
  - Failure to submit quarterly mill certification reports to WisDOT.
- Manufacturers/suppliers are required as a condition of approval to inform WisDOT of any of the above conditions as soon as they become aware of them.

### **Shipping Documentation**

 Each cement shipment for WisDOT projects shall be accompanied by a bill of lading clearly marked with the type of process additions, supplementary cementitious materials or limestone, and addition rates that correspond to that shipment.

#### Correspondence

If the name and/or address of the contact person in your company for this correspondence have changed, or if you have questions or need further information, please contact us via email DOTProductSubmittal@dot.wi.gov.