

PORTLAND CEMENT

<u>Suppliers</u>	<u>Sources</u> (Manufacturing Plant)
Ash Grove Cement Company	Chanute, KS. (Type I Low Alkali Cement Available) Durkee, OR. (Type I Low Alkali Cement Available) Foreman, AR. (Type I/II Low Alkali Cement Available)
Ash Grove Texas, L.P.	Aalborg, Denmark Davao City, Philippines Donghae, South Korea Kamari, Greece Khanghoy, Saraburi, Thailand Midlothian, TX. Pertigalete/Vencemos, Venezuela Sam Chok, South Korea
Buzzi Unicem USA, Inc.	Cape Girardeau, MO. (Type I Low Alkali Cement Available) Festus, MO. (Selma) (Type I Low Alkali Cement Available) Pryor, OK.
Capitol Cement Company	San Antonio, TX.
GCC of America	Pueblo, CO.
Holcim (US) Inc.	Ada, OK. (Type I Low Alkali Cement Available) Artesia, MS. (Type I Low Alkali Cement Available) Jining City, China (Type 1 & Type II Low Alkali Cement) (Daewoo Cement (Shandong) Company) Siam City, Thailand Ste. Genevieve, MO. Tangshan, China (Jidong Cement Company) (Type 1 & Type I Low Alkali Cement) Theodore, AL.

Lafarge North America	Calera, AL. Davenport, IA. Fredonia, KS. (Type I Low Alkali Cement Available) Joppa, IL. (Type I Low Alkali Cement Available) Sugar Creek, MO. (Type I Low Alkali Cement Available) Tulsa, OK. (Type I Low Alkali Cement Available)
LeHigh Cement Company	Leeds, AL.
Monarch Cement Company	Humboldt, KS. (Type I Low Alkali Cement Available)
Texas Industries, Inc. (TXI Cement Co.)	Midlothian, TX. (Type I Low Alkali Cement Available)
Texas LeHigh Cement Company	Buda, TX.

METHOD OF DOCUMENTATION OF ACCEPTANCE: By the manufacturer's certified shipping notice in accord with the attached agreement.

Note: Some manufacturers are importing foreign portland cement. This *portland cement is tested, certified, and accepted in accordance with certified supplier procedures. All portland cement manufacturing plants and their location/s should be identified on the certified shipping notice.*

METHOD OF DOCUMENTATION OF USE:

The inspector shall document on the *REPORT OF TESTS OF CONCRETE CYLINDERS* the name of the producer/supplier, source location, and the type cement.

PROCEDURE AGREEMENT: The listed manufacturers are approved to ship cement in accord with the attached agreement.

Destination Sampling and Testing:

Materials Division will request random samples through the Resident Engineer. These random samples shall be taken from the transport trailer/railroad car and be identified by:

- A. Name of producer/supplier/terminal/plant
- B. Cement Type
- C. Bill of Lading Number
- D. Producer/Supplier Bin (silo) Number
- E. Mill Test Number

**AGREEMENT FOR THE ACCEPTANCE
OF CEMENT BASED ON CERTIFIED MILL TESTS**

Portland cement will be accepted by the Arkansas State Highway and Transportation Department based on the producer's certification that the material meets all requirements of applicable Department specifications (AASHTO M 85) under the following conditions:

1. The producers shall maintain a file of their test results and methods of testing. The producer's laboratory shall be inspected periodically by the Concrete and Cement Reference Laboratory of the National Institute of Standards and Technology, or other acceptable testing laboratory, and upon request, make reports of inspections available to the Department.

2. Mill analyses covering the cement to be certified and shipped to Department projects shall be furnished to the Department's Materials Division. Mill analysis must reference plant of origin.

3. Shipments to Department projects shall be made only from bins (silos) that have been tested and found to meet Department specifications. No cement shall be shipped prior to satisfactory completion of three day compressive strength tests. Cement from different manufacturing plants will not be intermixed at terminals.

4. The producer shall furnish with each shipment a certification containing the following:

- a. consignee
- b. date and time of shipment
- c. truck or railroad car number
- d. quantity of cement shipped
- e. type of cement
- f. bin (silo) number from which shipped
- g. a statement that "This is to certify that the type cement in this shipment is from pretested bin (silo) number_____ and complies with the AASHTO specification for the type shipped."
- h. name of cement plant of origin, terminal (if applicable) and the signature of a responsible company official

One copy of the shipment certification form for the Resident Engineer shall accompany the shipment.

5. A monthly composite sample will be sent to the Materials Division. This monthly composite sample will be composed of approximately equally sized cement samples obtained from pretested bins. A composite sample will be sent for each type of cement supplied to Department projects. Composite samples will be supplied from the manufacturing plant, not from terminals.

6. Destination samples will also be taken as deemed necessary to assure compliance with specifications. In the event samples taken at the job fail to meet specifications, the Department will reject the cement. No further shipments will be accepted under this agreement until tests by the Department determine that the producer's product is in compliance with applicable specifications and requirements.

Acceptance of cement by this method is subject to withdrawal for failure to comply with the above requirements.

Please acknowledge agreement to the above requirements by signing and returning a copy of this letter for our producer files.

Company Name – Plant Location

Signature

Typed/Printed Name

Date

Telephone No.: _____ Fax No.: _____

Email Address: _____