

**FLY ASH**

<u>SUPPLIER</u>	<u>SOURCE</u>	<u>SPECIFIC GRAVITY</u>	<u>DRY RODDED Wt. kg /cu. m (lb./cu.ft.)</u>
Boral Materials	(F) Boral Micron <sup>3</sup> - Rockdale, TX.	2.55	1281.6 (80.0)
Technologies, Inc. 45 N.E. Loop, Suite 700 San Antonio, Texas 78216	(F) Monticello Power Plant (Mt. Pleasant, TX)	2.42	1281.6 (80.0)
Headwaters Resources (formerly ISG Resources, Inc.) 4043 N. Euclid Avenue Bay City, Michigan 48706	Central Louisiana Electric Co. (CLECO) Rodemacher Power Sta. (Boyce, LA.)	2.56	1281.6(80.0)
	Central Louisiana Electric Co. (CLECO) (F) Dolet Hills Power Sta. (Mansfield, LA.)	2.15	1281.6 (80.0)
	Entergy (formerly AP&L) White Bluff (Redfield, AR.)	2.69	1281.6 (80.0)
	White Bluff (Redfield, AR.) prb/colowyo 70/30 (Fly ash from 70/30 coal blend)	2.72	1281.6 (80.0)
	White Bluff (Redfield, AR.) Prb/indo 50/50 Blend	2.73	1281.6 (80.0)
	Independ. Plant (Newark, AR)	2.65	1281.6 (80.0)
	(F)Limestone Elec. Generating Station (Jewett, TX.)	2.50	1281.6 (80.0)
	(F) Southwestern Electric Power Co. (SWEPCO) Pirkey Power Plant (Hallsville, TX.)	2.45	1281.6 (80.0)
	(F) Texas Utilities Martin Lake Power Plant (Tatum, TX.)	2.68	1281.6 (80.0)
JX2 LLC P.O. Box 118 21748 Swepco Rd. Gentry, Arkansas	Southwestern Electric Power Co. (SWEPCO) - AEP Flint Creek Power Plant (Gentry, AR.)	2.72	1281.6 (80.0)
Lafarge North America 20408 West Renwick Rd. Lockport, Illinois 60441	KCP & L, Montrose, MO. O G & E, Muskogee, OK . Public Service Co. of Okla. N.E. Plant (Oologah, OK.) Southwestern Electric Power Co. (SWEPCO) Welsh Plant (Cason, TX.)	2.68 2.64 2.67 2.73	1281.6 (80.0) 1281.6 (80.0) 1281.6 (80.0) 1281.6 (80.0)

Mineral Resource Tech. Suite 100 920 Memorial City Way Houston, Texas 77024	AmerenUE-Rush Island Pwr Plant (Festus, MO.) GRDA, Unit 1 (Chouteau, OK.) AmerenUE (Labadie, MO.)	2.81  2.65 2.73	1281.6 (80.0)  1281.6 (80.0) 1281.6 (80.0)
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*All Fly Ashes are Type C unless noted as Type F, (F).*

**METHOD OF DOCUMENTATION OF ACCEPTANCE:** Producer's/Supplier's certified shipping notice in accord with the attached agreement.

**METHOD OF DOCUMENTATION OF USE:**

The inspector shall note on the "Concrete Plant Inspector's Daily Report" the name of producer/supplier and source location.

**PROCEDURE AGREEMENT:** The above listed Producer's/Supplier's are approved to ship fly ash 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 Supplier
- B. Bill of Lading Number
- C. Supplier Bin (silo) Number
- E. Supplier Test Number

**AGREEMENT FOR THE ACCEPTANCE  
OF FLY ASH BASED ON CERTIFIED MILL TESTS**

Class C or F fly ash will be accepted by the Arkansas State Highway and Transportation Department based on the producer's/ Supplier's certification that the material meets all requirements of applicable Department specifications (AASHTO M 295) under the following conditions:

1. The producers/suppliers 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, and upon request, make reports of inspections available to the Department.

2. Fly ash shall be tested at the rate and in the manner defined in ASTM C 311. Laboratory analyses of these tests covering the fly ash certified and shipped to Department projects shall be furnished to the Department's Materials Division.

3. Shipments to Department projects shall be made only from silos that are certified to meet Department specifications.

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 fly ash shipped
- e. class of fly ash
- f. silo number from which shipped
- g. a statement that "This is to certify that the class of fly ash in this shipment is from silo number\_\_\_\_\_ and complies with the AASHTO specification for the class shipped."
- h. the signature of a responsible company official

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

5. The Department will make periodic inspections by source sampling and by checking test results and methods of testing used by the producer.

6. A quarterly composite sample will be sent to the Materials Division. This sample will be composed of approximately equally sized samples obtained from pretested bins.

7. Destination samples will also be taken as deemed necessary to assure compliance with specifications. Failure of these samples may be considered sufficient cause to reject the fly ash and suspend further shipments until tests by the Department determine that the producer's product is in compliance with applicable specifications and requirements. Acceptance of fly ash 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: \_\_\_\_\_