

MINERAL FILLER, PORTLAND CEMENT, FLY ASH AND HYDRATED LIME
DOTD Designation: S 102-99

I. General

A. Equipment

1. Plastic bags, 1 gal cans with lids, tape, string, suitable markers for identification, or other suitable containers.
2. Scoop and other approved sampling apparatus.
3. Goggles and respirator.
4. MATT forms, envelopes and tape for securing to sample container.

B. Safety Precautions

It is the responsibility of the user of this sampling method to establish appropriate safety practices including, but not limited to, handling heavy loads, sampling materials under pressure and dusty conditions.

II. Conveyors

- A. Sample material at 3 or more regular intervals during the entire discharge process.
- B. Sample a quantity of material at each interval in such proportion that the final composited quantity shall conform to the required sample size.
- C. Place sample into plastic bag with a completed sample identification form and place bag into gallon can. Seal the can with the lid. Securely attach an unsoiled, completed original sample identification form inside an envelope to the container.

III. Bulk Shipment in Railroad Cars, Barges and Truck Transports

- A. Sample material from at least 2 locations at a minimum of 6 in. below the surface.
- B. Sample a quantity at each interval in such proportion that the final composited quantity shall conform to the required sample size.
- C. If the sample is taken from the discharge line of the shipping vehicle, first allow sufficient material to pass through to ensure obtaining a sample representative of the shipment.
- D. Place sample into plastic bag with a completed sample identification form and place bag into gallon can. Seal the can with the lid. Securely attach an unsoiled, completed original sample identification form inside an envelope to the container.

Caution: *Relieve the vehicle tank pressure or shut off before taking a sample when unloading is performed by air pressure.*

IV. Sack Shipments

- A. Sample the material from approximately 5 sacks selected at random from throughout the lot or shipment.
- B. Do not include as part of the sample any of the outer layer of material within a sack.
- C. Sample a quantity from each sack in such proportion that the final composited quantity shall conform to the required sample size.
- D. Place sample into plastic bag with a completed sample identification form and place bag into gallon can. Seal the can with the lid. Securely attach an unsoiled, completed original sample identification form inside an envelope to the container.

Note: *Use any sampling apparatus which will accomplish the above requirements and prevent contamination of the material. In instances where a specific case is not covered by these methods refer to AASHTO T 127 (cement) or ASTM C 50 (lime).*

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
MATERIALS & TESTING SECTION
5080 FLORIDA BLVD., BATON ROUGE, LA 70606

**CERTIFICATE OF DELIVERY FOR
PORTLAND CEMENT, PORTLAND-POZZOLAN CEMENT
AND PORTLAND BLAST-FURNACE SLAG CEMENT**

PROJECT NAME _____		P.O. NUMBER _____		
PROJECT NUMBER _____		CONTRACTOR _____		
CONCRETE PLANT _____		PLANT LOCATION _____		
CEMENT TYPE	QPL 7 CEMENT COMPANY	ONE-TIME FOREIGN SHIP. NON-QPL CODE	MILL LOCATION	SOURCE OF CLINKER
			Domestic	Domestic
	PRODUCT SOURCE CODE		Foreign	Foreign
			1 Time Foreign Ship.	

(Cement Types: I, IB, IC, IP, II, III, IS)

MODE OF SHIPPING	VEHICLE NO.	SEAL NO.	DATE SHIPPED	FROM SILO NO.	QUANTITY MG (TONS)

This cement has an alkali content .60% or less

The undersigned certifies that the cement in this shipment has been manufactured under strict quality control and complies with the Louisiana Department of Transportation and Development specifications for cement type indicated above. ***This certificate is invalid unless signed by an authorized representative of the company.***

COMPANY: _____
BY: _____
(Authorized Company Representative Signature)

The undersigned certifies that the cement in this shipment is the same cement identified above; that the Cement Company has certified conformance of this cement with the Louisiana Department of Transportation and Development specifications; and that no other brand or type of cement has been added.

This certificate is invalid unless signed by an authorized representative of the company.

Terminal Name: _____
Terminal Location - City: _____ State _____

(Authorized Terminal Representative)

Copies:
One copy shall accompany all shipments (rail, truck, or barge) of the above listed materials for each project. One copy shall be mailed to the Materials Engineer Administrator, Louisiana Department of Transportation and Development, 5080 Florida Blvd. Baton rouge, LA 70806.

For DOTD Use:

Approved: _____ Date: _____
Remarks: _____

Shipments will be accepted only when accompanied by this official DOTD certificate form.

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
MATERIALS & TESTING SECTION
5080 FLORIDA BLVD., BATON ROUGE, LA 70806

**CERTIFICATE OF DELIVERY
FOR
FLY ASH**

PROJECT NAME _____ P. O. NUMBER _____
 PROJECT NUMBER _____ CONTRACTOR _____
 CONCRETE PLANT _____ PLANT LOCATION _____

MANUFACTURER	MFG. LOCATION	PRODUCT SOURCE CODE	SUPPLIER	SUPPLIER LOCATION

FLY ASH CLASS	INTENDED USE	MODE OF SHIPPING	VEHICLE NO.	SEAL NO.	DATE SHIPPED	QUANTITY Mg (TONS)

CHECK ONE: This fly ash has an alkali content of 1.5% or less
 This fly ash has an alkali content greater than 1.5%

The undersigned certifies that the fly ash in this shipment has been manufactured under strict quality control and complies with the Louisiana Department of Transportation and Development specifications for the intended use and class of fly ash indicated above. ***This certificate is invalid unless signed by an authorized representative of the company.***

COMPANY: _____

BY: _____
 (Authorized Company Representative Signature)

Copies:

One copy shall accompany all shipments (rail, truck, or barge) of the above listed materials for each project. One copy shall be mailed to the Materials Engineer Administrator, Louisiana Department of Transportation and Development, 5080 Florida Blvd., Baton Rouge, LA 70806.

For DOTD Use:

Approved: _____ Date: _____

Remarks: _____

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STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
MATERIALS & TESTING SECTION
5080 FLORIDA BLVD., BATON ROUGE, LA 70806

**CERTIFICATE OF DELIVERY
FOR
LIME**

PROJECT NAME _____ P. O. NUMBER _____
PROJECT NUMBER _____ CONTRACTOR _____

MANUFACTURER	MFG. LOCATION	PROD. SOURCE CODE	SUPPLIER	SUPPLIER LOCATION

TYPE	INTENDED USE	MODE OF SHIPPING	VEHICLE NO.	DATE SHIPPED	QUANTITY (TONS)

CHECK ONE: To be used for Slurry: Yes No

The undersigned certifies that the lime in this shipment has been manufactured under strict quality control and complies with the Louisiana Department of Transportation and Development specifications for the intended use and type of lime indicated above. ***This certificate is invalid unless signed by an authorized representative of the company.***

COMPANY: _____

BY: _____
(Authorized Company Representative Signature)

Copies:
One copy shall accompany all shipments (rail, truck, or barge) of the above listed materials for each project.
One copy shall be mailed to the Materials Engineer Administrator, Louisiana Department of Transportation and Development, 5080 Florida Blvd., Baton Rouge, LA 70806.

For DOTD Use:

Approved: _____ Date: _____

Remarks: _____

Shipments will be accepted only when accompanied by this official DOTD certificate form.

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DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
MATERIALS & TESTING SECTION
5080 FLORIDA BLVD., BATON ROUGE, LA 70806

**CERTIFICATE OF DELIVERY
FOR
GRADE 120 GROUND IRON BLAST - FURNACE SLAG**

PROJECT NAME _____	P. O. NUMBER _____
PROJECT NUMBER _____	CONTRACTOR _____
CONCRETE PLANT _____	PLANT LOCATION _____

MANUFACTURER	MFG. LOCATION	PRODUCT SOURCE CODE	SUPPLIER	SUPPLIER LOCATION

GRADE	INTENDED USE	MODE OF SHIPPING	VEHICLE NO.	SEAL NO.	DATE SHIPPED	QUANTITY mg (TONS)
120						

This ground iron blast furnace slag has an alkali content of 0.6% or less

The undersigned certifies that the ground iron blast-furnace slag in this shipment has been manufactured under strict quality control and complies with the Louisiana Department of Transportation and Development specifications for the intended use and grade of ground iron blast furnace slag indicated above. ***This certificate is invalid unless signed by an authorized representative of the company.***

COMPANY: _____

BY: _____
(Authorized Company Representative Signature)

Copies:
One copy shall accompany all shipments (rail, truck, or barge) of the above listed materials for each project.
One copy shall be mailed to the Materials Engineer Administrator, Louisiana Department of Transportation and Development, 5080 Florida Blvd., Baton Rouge, LA 70806.

For DOTD Use:

Approved: _____ Date: _____

Remarks: _____

Shipments will be accepted only when accompanied by this official DOTD certificate form.