

Storage Bins (Holding Hoppers)

Method of Loading:
Excavator Belt Conveyor Loader
Other (describe): _____
Number of Bins: _____
Bin partitions extended 1 ft above bins:
..... yes no
Individual bin for each size aggregate:
..... yes no
Number of bins sufficient for operation:
..... yes no
Bins designed for efficient discharge:
..... yes no
Bins designed so that material does not
accumulate in corners:..... yes no
Bins in acceptable condition (no holes):
..... yes no
Type of discharge gate:
clam shell other _____
(describe)
Operating properly with no leakage:
..... yes no
Equipped with vibrators:..... yes no
Batch control sufficient to add batch
quantity slowly and to positively shut off
flow with precision:..... yes no
Bins designed so that material has minimum
segregation during discharge:
..... yes no
Inspection platforms and ladders safe and
adequate for inspection:..... yes no

Conveyor System

Adequately transports aggregates for batching
operations: yes no
Condition is satisfactory with no spillage:
..... yes no
Belts free of holes and tears:
..... yes no

Temperature Control

Provisions for cooling aggregate:
..... yes no
Provisions for heating aggregate:
..... yes no
Method(s) (describe): _____

Cement – Handling and Equipment

Storage Bin

Individual bin for cement storage:
..... yes no
Number of Silos: _____
Capacity: _____ tons
Sufficient for operations:..... yes no
Weatherproof: yes no
Bin in acceptable condition with no holes:
..... yes no
Bin designed to eliminate accumulation of
material in corners:..... yes no
Bin designed to discharge efficiently and freely
into weigh hopper: yes no
Equipped with aerators: yes no
Batching control sufficient to add batch
quantity slowly and positively shut off flow
at desired weight yes no
Connection between storage bin and weigh
hopper free of leaks:..... yes no
Excessive dusting during batching:
..... yes no
Inspection platform and ladders safe and
adequate for inspection: yes no
Source
Approved source: yes no
Cement in storage from more than one
source: yes no
Cement in storage all one type:..... yes no
Remarks: _____

Fly Ash – Handling and Equipment

Storage Bin

Individual bin for fly ash storage:
..... yes no
Number of Silos: _____
Capacity: _____ tons
Sufficient for operations:..... yes no
Weatherproof:..... yes no
Bin in acceptable condition with no holes:
..... yes no
Bin designed to eliminate accumulation of
material in corners:..... yes no
Bin designed to discharge efficiently and
freely into weigh hoppers:..... yes no

Equipped with aerators: yes no
Batching control sufficient to add batch
quantity slowly and positively shut off flow at
desired weight: yes no
Connection between storage bin and weigh
hopper free of leaks: yes no
Excessive dusting during batching:
..... yes no
Inspection platform and ladders safe and
adequate for inspection:..... yes no

Source

Approved source:..... yes no
Fly Ash in storage from more than one
source:..... yes no
Fly Ash in storage all one type:
..... yes no

Remarks _____

**Ground Granulated Blast - Furnace Slag
Handling and Equipment**

Storage Bin

Individual bin for Ground Granulated Blast
Furnace Slag storage:..... yes no
Number of Silos: _____
Capacity: _____ tons
Sufficient for operations: yes no
Weatherproof: yes no
Bin is in acceptable condition with no holes:
..... yes no
Bin designed to eliminate accumulation of
material in corners:..... yes no
Bin designed to discharge efficiently and freely
into weigh hoppers: yes no
Equipped with vibrators:..... yes no
Batching control sufficient to add batch
quantity slowly and positively shut off
flow at desired weight: yes no
Connection between storage bin and weigh
hopper free of leaks: yes no
Excessive dusting during batching:
..... yes no
Inspection platform and ladders safe and
adequate for inspection:..... yes no

Source

Approved source: yes no
Ground Granulated Blast Furnace Slag in
storage from more than one source:
..... yes no
Ground Granulated Blast Furnace Slag in
storage all one type: yes no
Remarks: _____

Water – Handling and Equipment

Water from an approved source:
..... yes no
(describe): _____
Provisions for cooling water:
 Ice Other: _____
..... yes no
Provisions for heating water:
..... yes no
Method(s) (describe): _____
Remarks: _____

Admixtures – Handling and Equipment

Admixtures from an approved source:
..... yes no
Admixtures dispensed with the mixing
water:..... yes no
Manner of dispensing admixture
satisfactory: yes no
All admixtures used in batch from same
manufacturer:..... yes no
If more than one admixture is being used are
they compatible:..... yes no
Do admixtures being used require agitation:
..... yes no
Provisions for agitation in storage tanks:
..... yes no
Storage such that no contamination occurs:
..... yes no
Admixtures protected from freezing:
..... yes no
Remarks: _____

BATCHING EQUIPMENT

Weigh Hoppers

Aggregate	Cement
Provisions for overload <input type="checkbox"/> yes <input type="checkbox"/> no *Describe: _____ _____ Separate from cement weigh hopper <input type="checkbox"/> yes <input type="checkbox"/> no Acceptable condition - no holes <input type="checkbox"/> yes <input type="checkbox"/> no Discharge completely..... <input type="checkbox"/> yes <input type="checkbox"/> no Type of discharge gate: <input type="checkbox"/> clam shell <input type="checkbox"/> other* *Describe: _____ Operating Properly – no leakage or excessive dusting <input type="checkbox"/> yes <input type="checkbox"/> no Equipped with vibrators..... <input type="checkbox"/> yes <input type="checkbox"/> no Inspection platforms & ladders safe & is adequate for inspection <input type="checkbox"/> yes <input type="checkbox"/> no Remarks _____ _____ _____	Provisions for overload <input type="checkbox"/> yes <input type="checkbox"/> no *Describe: _____ _____ Acceptable condition - no holes <input type="checkbox"/> yes <input type="checkbox"/> no Discharge completely..... <input type="checkbox"/> yes <input type="checkbox"/> no Type of discharge gate: <input type="checkbox"/> clam shell <input type="checkbox"/> other* *Describe: _____ Operating Properly – no leakage or excessive dusting <input type="checkbox"/> yes <input type="checkbox"/> no Equipped with vibrators <input type="checkbox"/> yes <input type="checkbox"/> no Inspection platforms & ladders safe & is adequate for inspection <input type="checkbox"/> yes <input type="checkbox"/> no Remarks _____ _____ _____
Fly Ash	Ground Granulated Blast – Furnace Slag
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Water	Additional Comments
Is water weighed <input type="checkbox"/> yes <input type="checkbox"/> no Weigh hopper functioning properly with no leakage..... <input type="checkbox"/> yes <input type="checkbox"/> no	_____ _____

Scales

NOTE: Attach recent scale report.

General

- Separate scale system for each type component that is weighed: yes no
 - All scale parts including knife edges and supports clean and functioning properly:..... yes no
 - Does wind influence the weights recorded on the scales: yes no
 - Do all scales zero:..... yes no
 - Scale heads and beams protected from the weather and dust: yes no
 - Scale heads and beams readily visible to the operator: yes no
 - If scales are tied to a remote terminal, is the weight visible:..... yes no
 - Do the terminal and scale weights coincide: yes no
 - Are the scales accurate to 0.5% throughout the range of use: yes no
 - Are the max. graduations on the scale 0.1% of the rated scale capacity: yes no
 - Are aggregates weighed accumulatively: yes no
 - Is scale used to weigh the water for batching: yes no
 - Is the scale accurate to 1% at ½ the max. allowable water per batch: yes no
- Remarks: _____
- _____

Metering Device

NOTE: Attach recent meter report.

Water Meters

- Dispensing method: Automatic Manual
 - Accurate to 1% at ½ the max. allowable water per batch:..... yes no
 - Maximum graduation, 1 gal:..... yes no
 - Any leakage:..... yes no
 - Meter readily visible to the batcher: yes no
- Remarks: _____
- _____

Admixture Dispensers

- Admixture dispensers meet the following specifications:
 - Separate device for each aggregate: yes no
 - Dispensing method: Automatic Manual
 - Any leakage yes no
 - Accuracy sufficient to ensure the correct volume of admixture in the batch within 3%:
..... yes no
 - Device protected from weather and contamination:..... yes no
- Remarks: _____
- _____

- h. Maximum quantity of water to be added at job site: yes no
Are moisture contents of aggregate or quantities of admixtures placed on ticket by
batcher in lieu of printing: yes no

NOTE: Form 03-22-4028, Batch Certification of Portland Cement Concrete must be attached to the automatic system printer ticket.

Form 03-22-4028, Batch Certification of PCC: Available Not Available
Remarks: _____

PLANT SITE LABORATORY

Building

- Building dedicated only for testing purposes: yes no
Site convenient and otherwise acceptable: yes no
Floor space a minimum of 160ft² yes no
Weatherproof: yes no
Secured by suitable locks and catches: yes no
Air conditioned: yes no
Heated: yes no
Ventilation adequate/All fumes vented (fume hood): yes no
Sink with running water: yes no
Adequate lighting and power outlets: yes no
Minimum of one outside door: yes no
Sufficient, sturdy benches and tables for work surfaces: yes no
Sanitary facilities: yes no
Remarks: _____

General remarks on plant certification: _____

DISTRICT LABORATORY REPRESENTATIVE DATE DISTRICT LABORATORY ENGINEER DATE