

# PCI Plant Quality Talk Quality Enhancement Committee



## SERIES 2, ISSUE 10 – BATCH PLANT AGGREGATE LOADER

One of most important jobs at a batch plant is the operation of the front end loader. The operator has the ability to feed the plant consistent materials, resulting in a consistent batching operation.

### Common Issues

- Loading off the bottom of the pile
- Loading from different locations
- Stacking material too high
- Inconsistent moisture content

### Best Practices

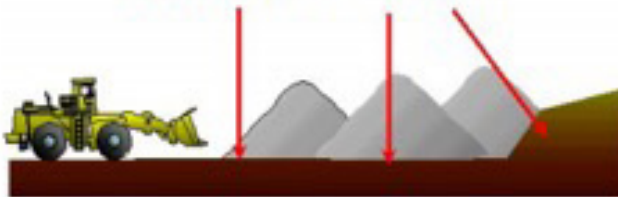
- Inspect aggregate stockpiles for debris and cross contamination before starting the loading operation.
- Keep the loader bucket at least 18 in. off the ground while loading the plant.
- Stack aggregates only as high as the loader will reach.
- Keep different size and color aggregates separated to prevent contamination.
- Contaminated aggregate can result in rejected fresh concrete or precast concrete members.
- Stir the aggregate within the storage before charging the batch plant.

**Note:** Please complete this form and return to the Quality Control Manager. All crew members should be observant and report to their foreman anything out of the ordinary on a project. *See something, say something.*

NOTES	ATTENDEE SIGNATURES
DATE	
PRESENTER	

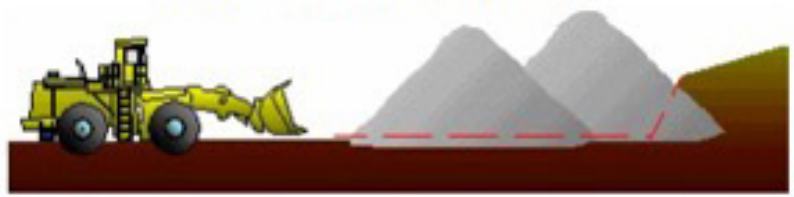
## STOCKPILING TECHNIQUES FOR CLEAN STONE

**DON'T DIG UP THE MAT**



**CONTAMINATION**

**DO KEEP THE BUCKET UP**



**DON'T STOCKPILE NEAR CONTAMINANTS**



**DO REMOVE CONTAMINANTS**



**DON'T STOCKPILE OVER LARGER SIZES**

**OVERSIZE**



**DO STOCKPILE OVER SAME SIZE OR SMALLER**



## STOCKPILING TECHNIQUES FOR CLEAN STONE

**DON'T CONE UP**



**DO DUMP TIGHTLY IN  
SINGLE PILES**



**DON'T DUMP OVER THE END**



**DO STACK AS HIGH AS  
LOADER WILL REACH**



**DON'T OVERLAP SIZES**

**CONTAMINATION**



**DO SEPARATE DIFFERENT SIZES**

