

## INCIDENT ALERT

**LOCATION:** Cement  
**ACTIVITY:** Maintenance & Housekeeping  
**SUB ACTIVITY:** N/A

**ALERT STATUS:** Normal  
**DATE ISSUED:** 20/12/10  
**INCIDENT No:** 00277

### TITLE

Eyebolt Mismatched Nuts

### ACCIDENT / INCIDENT DETAILS

A silo was in the process of being dismantled for relocation elsewhere. On lifting down a section of shell plate, the lifting eyes pulled out of their fixing nuts and the plate fell 5 metres to the ground.

No persons were injured as the area 'was no entry' to pedestrians during the lift.

The reason for the failure was a mismatch of equipment; the eyebolt had been purchased separately from the nuts and had been sold as size M20. However, the eyebolt was actually M18 and the nut purchased was M20.

### ACCIDENT / INCIDENT IMAGES



### LEARNING POINTS / ACTIONS TAKEN

Risk assessments, safe systems of work and associated documents have been reviewed. The double shackle is now the preferred lifting method.

Eyebolts should be checked for size, which is stamped on the neck of the bolt and slack nuts should be checked for during the rigging operation.

### LEARNING POINTS / ACTIONS IMAGES