


## BEST PRACTICE

**LOCATION:** Quarry **ARTICLE YEAR:** 2005  
**ACTIVITY:** Maintenance & Housekeeping **COMPANY:** CEMEX UK Materials  
**SUB ACTIVITY:** N/A **COMPANY LOCATION:** Pendean Quarry, West Sussex  
**BEST PRACTICE No:** BP112 **COMPANY TEL:** 01730 813950

### TITLE

 On Video

## Self-cleaning hopper grid

### ARTICLE

Following a risk assessment of gaining access to the hopper grid to remove clay and deleterious material, a self-cleaning hopper grid has been designed and manufactured by the workforce, which avoids manual handling and can be adaptable to any type of hopper.

The loading shovel approaches the hopper and puts the bucket blade under the lifting bar. The operator then flicks the bar with the bucket blade causing the grid to pass the point of balance, which causes the finger bars to move forwards, removing clay and deleterious material before the spring mounted stops cause the grid to return to its seating.

### ARTICLE IMAGES



Self-cleaning hopper grid