

## BEST PRACTICE

**LOCATION:** Quarry **ARTICLE YEAR:** 2002  
**ACTIVITY:** Maintenance & Housekeeping **COMPANY:** CEMEX UK  
**SUB ACTIVITY:** N/A **COMPANY LOCATION:** Wickwar Quarry, Gloucestershire  
**BEST PRACTICE No:** BP246 **COMPANY TEL:** 01454 294521

### TITLE

 On Video

### Gridguard

### ARTICLE

Many coating plants rely on cold-feed systems from stockpiles, which on rare occasions may contain oversize or aggregated fines. These can cause damage and/or blockages, the elevator and dryer being vulnerable.

At CEMEX Aggregates (South West), in South Gloucestershire, as an alternative to close-mesh grids over the feed bins (which block relatively easily), Wickwar Quarry™s Supervisor Matt Knight proposed that a grid be incorporated into a hinged guard at the transfer point from the collections conveyor into the dryer feed conveyor. By opening a handle, the front of the guard swings forward, bringing the debris out of the head drum box, but maintaining a fully guarded head-drum due to the presence of the grid. The internal grid has an external gridded viewing panel so that build-up on the grid can be detected and, when necessary, cleared whilst the plant is still running. A simple but highly effective innovation.

### ARTICLE IMAGES