BEST PRACTICE

LOCATION:	Quarry	**ARTICLE YEAR:**	2003
ACTIVITY:	Maintenance & Housekeeping	**COMPANY:**	Whitemountain Quarries
SUB ACTIVITY:	N/A	**COMPANY LOCATION:**	Blackmountain Quarry,Belfast
BEST PRACTICE No:	BP248	**COMPANY TEL:**	02890 616412

TITLE On Video

Crusher feed relay

ARTICLE

Cone crushers presented two problems for this West Belfast quarry: awkward access for housekeeping on one; manual clearance of frequent blockages on the other. The solution to the first lay in a mini-tracked dumper-loader able to access the tail drum of the conveyor, scoop the spillage and carry it up and out of the tunnel. The blockage problem was caused by the discharge conveyor below the cone slowing or stopping. It was solved by fitting a ram operated hinged plate above the feeder. Now, when the tacho senses a drop in conveyor speed, the feeder is stopped and the ram activated instantly, preventing material entering the cone.

ARTICLE IMAGES