BEST PRACTICE

LOCATION:		**ARTICLE YEAR:**	2008
ACTIVITY:	Occupational Health	**COMPANY:**	Lafarge
SUB ACTIVITY:	Noise	**COMPANY LOCATION:**	Methley Quarry, West Yorkshire
BEST PRACTICE No:	BP554	**COMPANY TEL:**	01977 512371

TITLE

Crusher noise reduction hoarding

ARTICLE

Employees working near to the Pegson 900 auto cone crusher were in danger of damaging their hearing. At a distance of two metres from the machine a noise level of 87.7 decibels was recorded.

One of the options for reducing the noise was to completely house-in the cone crusher. However, because of the design of the plant, it was not possible to completely and permanently enclose the plant.

When maintenance work is being carried out, the cone crusher often requires a mobile crane to work alongside. It was decided that any safety device or enclosure would need to be easily removed to allow maintenance to take place.

The solution was an enclosure that could be easily installed and removed when maintenance work occurred. Two 4™ boards of cladding timber were fitted onto brackets in front of the cone crusher. This has reduced noise levels to 83.7 decibels and means the workforce no longer have to raise their voices when in close proximity to the cone crusher. The boards are also easy to remove when required.

ARTICLE IMAGES