

BEST PRACTICE

LOCATION:	Quarry	ARTICLE YEAR	2007
ACTIVITY:	Production and Processing	COMPANY:	CEMEX
SUB ACTIVITY:	Aggregate processing	COMPANY LOCATION:	Halkyn Quarry, Holywell, Flintshire
BEST PRACTICE No:	BP458	COMPANY TEL:	01352 780651
COUNTRY OF ORIGIN:	United Kingdom		

TITLE



Run Video

Dust foam suppression to impact crushers

ARTICLE

A dust suppression system has been incorporated into the new crushing and screening plant at Halkyn Quarry. This is a foam system which has the purpose of controlling the airborne dust created by impact crushers and the associated conveyer points found in the plant.

The great benefit of this piece of equipment is that it uses only 1 litre of dust foam additive to produce 5000 litres of dust foam.

It is much more efficient than the alternative systems, such as a water suppression system, using between 25 and 30 percent of the water required for the latter.

The spray from the foam onto the aggregate also produces a better surface covering to the stone.

The massive reduction of water on site has helped in a number of areas:

- avoiding materials sticking to belt conveyers
- avoiding scraper problems with a build up of materials
- the plant has generally been cleaner.

This entry was highly commended.

ARTICLE IMAGES

Click image to enlarge



Dust foam equipment