

BEST PRACTICE

LOCATION: Quarry
ACTIVITY: Production and Processing
SUB ACTIVITY: Face activity
BEST PRACTICE No: BP142

ARTICLE YEAR: 2003
COMPANY: CEMEX UK
COMPANY LOCATION: Gilfach Quarry, West Glamorgan
COMPANY TEL: 01639 643751

TITLE

Gritstone filler disposal

ARTICLE

Gilfach Quarry™s coating plant produces significant amounts of extracted fine filler dust, which is not economically viable for re-use as a saleable product and is, therefore, stockpiled for long periods for future restoration.

The need to manage the tip and carry out geo-technical assessments, combined with restrictions on operating space and the problem of wind-borne dust, meant that the only sensible answer was to dispose of the product.

CEMEX has found a solution that is not only environmentally sound, but also has major safety benefits. The dust is used to create bunds at the foot of old quarry faces. This area becomes prohibited and is designed to catch and retain any rock fall. By moving the stockpile to a more sheltered location, wind-entrained dust has also been dramatically reduced.

ARTICLE IMAGES



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