

BEST PRACTICE

LOCATION: Quarry
ACTIVITY: Occupational Health
SUB ACTIVITY: Air and dust
BEST PRACTICE No: BP208

ARTICLE YEAR: 2005
COMPANY: Hanson Aggregates
COMPANY LOCATION: Craig yr Hesg Quarry, Mid Glamorgan
COMPANY TEL: 01443 493841

TITLE

Air filtration system

ARTICLE

Hanson Aggregates™ Craig yr Hesg quarry near Pontypridd in South Wales is a gritstone deposit with a silica content of 70 per cent. All the mobile plant is fitted with air filtration systems to protect drivers from respirable crystalline silica dust, which offer adequate protection, but there is no way of telling when the filters need replacing.

Eastfield Engineering from Wolverhampton was commissioned to design and install new High Efficiency Particulate Arrestor external air filtration systems to the cabs of two dump trucks and a loading shovel. Crucially, they incorporate a cab warning light which tells the operator when the filter needs replacing.

ARTICLE IMAGES