

BEST PRACTICE

LOCATION:	Asphalt/Coating plant	ARTICLE YEAR:	2013
ACTIVITY:	Maintenance & Housekeeping	COMPANY:	Midland Quarry Products
SUB ACTIVITY:	N/A	COMPANY LOCATION:	Cliffe Hill Quarry
BEST PRACTICE No:	BP860	COMPANY TEL:	07968 544064
COUNTRY OF ORIGIN:	United Kingdom		

TITLE

Asphalt plant fire box automatic cleaning system

ARTICLE

DESCRIPTION

The fire box was constantly blocking during production due to the addition of recycled asphalt product (RAP) and other back-fed materials. Operators were required to get inside the mixer and jack hammer the fire box clear every other night to prevent plant breakdowns. This process involved working in a confined space, regular exposure to risks from HAVs, dust and working in a hot environment.

To resolve this issue, a small vibrator was installed at the back of each fire box. The vibrators are connected to the control system; they operate every time a swivel chute discharges. This prevents materials from sticking and building up in the fire box.

BENEFITS

- The fitters no longer have to enter a confined, hot and dusty environment
- The usage hours of vibrating tools has been reduced considerably
- More efficient production and improved team engagement

ARTICLE IMAGES

