

## 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