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