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:	**BP897**	**COMPANY TEL:**	**07968 544064**
COUNTRY OF ORIGIN:	**United Kingdom**		

TITLE

Elimination of a fire risk by fitting a processed fuel oil temperature alarm

ARTICLE

DESCRIPTION

Following a recent near hit during burner efficiency trials it was noticed that if the PFO (processed fuel oil) temperature dropped below 40oC or went above 60oC it had the following two effects.

Air stack emissions went higher

The burner head became saturated with un-burnt fuel oil creating a fire risk

Team members discussed the issues and it was decided to install an oil temperature probe that displayed the fuel oil temperature in the batchers control room. The system also gives an audible alarm enabling the operator to turn the flame off and investigate if temperatures fall below 40oC or were elevated above 60oC

BENEFITS

• Reduced risk of fire and explosion from un-burnt fuel

More effectivce control of emissions

ARTICLE IMAGES