BEST PRACTICE

LOCATION:	**Quarry**	**ARTICLE YEAR**	**2006**
ACTIVITY:	**Production and Processing**	**COMPANY:**	**Ennstone**
SUB ACTIVITY:	**Aggregate processing**	**COMPANY LOCATION:**	**Ling Hall Quarry, Warwickshire**
BEST PRACTICE No:	**BP308**	**COMPANY TEL:**	**01332 694000**
COUNTRY OF ORIGIN:	**United Kingdom**		

TITLE

Clay lump breaking

ARTICLE

During the quarrying of aggregates at this quarry, large proportions of clay lumps were emerging. Consequently, there is a high level of rejected material being generated from the excavation at the process point. Previous attempts to reduce or remove the offending material which often arrives in large clay lumps, have met with little success.

There was a danger to employees when they were required to remove these lumps from the process by hand when blockages occurred. Without a suitable mechanical option on the market, a double shaft shredder was designed.

The principle of the machine is a drive shaft and driven shaft, rotating in opposite directions via timing gears, which results in the cutting and breakdown of the clay lumps. Overall, this has reduced a number of manual handling tasks and thereby cut the risk to employees.

ARTICLE IMAGES