BEST PRACTICE

LOCATION:	**Quarry**	**ARTICLE YEAR**	**2016**
ACTIVITY:	**Production and Processing**	**COMPANY:**	**Hanson UK**
SUB ACTIVITY:	**Aggregate processing**	**COMPANY LOCATION:**	**Whatley Quarry**
BEST PRACTICE No:	**BP1976**	**COMPANY TEL:**	**0000**
COUNTRY OF ORIGIN:	**United Kingdom**		

TITLE

Input flow chute

ARTICLE

DESCRIPTION

A simple yet effective design to manage input flows from a conveyor onto two separate screens has been developed at Hanson's Whatley quarry. It removes the requirement and costs of two feeders, whilst eliminating the additional issues of confined space and restricted access.

It was recognised that the original installation could feed disproportionately from a single feed onto two separate screens. A combined team from the engineering and production departments designed a chute with external controls that allows the screen flows to be easily adjusted. The controls are manual but, if required, could easily be adapted to be hydraulic or pneumatically operated by an automatic system.

BENEFITS

- Confined space and restricted assess issues removed
- Virtually eliminates blockages
- Reducing manual handling risks when clearing blockages
- Removed need for frequent checks on the chutes
- Reduced power consumption and repairs
- Brought project team together
- Improved team performance and moral
- Manufacturers Metso looking at other applications for the system.

ARTICLE IMAGES

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