BEST PRACTICE

LOCATION:		**ARTICLE YEAR:**	2009
ACTIVITY:	Manual handling and storage	**COMPANY:**	Tarmac
SUB ACTIVITY:	N/A	**COMPANY LOCATION:**	Retford Concrete Plant
BEST PRACTICE No:	BP657	**COMPANY TEL:**	01777 713506

TITLE On Video

Mixer chute electric winch system

ARTICLE

Retford Concrete Plant produces concrete through a Miller™s mixer, discharging through a chute into a mixer truck.

The chute is suspended below the mixer by a frame and must be lowered to ground level for maintenance or cleaning two to three times a day.

The only access to clean the chute was through the mixer door necessitating the chute to be lowered using a scaffold tower. The chute™s securing bolts then had to be removed and a block and tackle used to secure the chute. This was very time consuming and required substantial manual handling.

A modification was carried out to enable the chute to be lowered using a winch and bearings attached to the frame.

The operator now releases the frame by unscrewing two securing nuts and then pressing a button to lower the chute.

ARTICLE IMAGES