BEST PRACTICE

LOCATION:		ARTICLE YEAR:	2008
ACTIVITY:	Worker Involvement	COMPANY:	Tarmac
SUB ACTIVITY:	N/A	COMPANY LOCATION:	Caldon Low Quarry, Staffordshire
BEST PRACTICE No:	BP520	COMPANY TEL:	01538 308282

TITLE			
Rough terrain transport and discharge of explosives			
ARTICLE			
 Explosives trucks could not be used to load holes on steep and uneven ground because of three main hazards: Explosives had to be manually handled by the shotfirer using a wheelbarrow; There was a risk of injury because of slips, trips or falls on the uneven terrain; and explosives could have spilt on route to the blast site. 			
The innovation selected to overcome these issues was an attachment that was made to work on the quick hitch of th telehandler.			
The attachment incorporated a plastic container inside a frame which could be filled with ANFO mix. This mix could then be transported to the blast site and the telescopic arms used to position the mix over the hole. The safe working load was calculated on the maximum lift capacity of the telehandler when the jib was fully extended.			
The attachment was then lowered onto the ground to discharge any static electricity at which time the mixture could be released into the container in a controlled manner.			
The mixing truck is able to remain on firm level ground to refill the container as required. This measure eliminated all of the three highlighted concerns.			
ARTICLE IMAGES			