



BEST PRACTICE

LOCATION: **ARTICLE YEAR:** 2008
ACTIVITY: Access & Egress & Working at Height **COMPANY:** Aggregate Industries
SUB ACTIVITY: N/A **COMPANY LOCATION:** Croft Quarry, Leicestershire
BEST PRACTICE No: BP579 **COMPANY TEL:** 01455 288605

TITLE

 Award Winner  On Video

Automatic door opener for mobile plant

ARTICLE

The design of the site™s Volvo 180D loading shovel was deemed inadequate as the operators lose three points of contact when they remove their hand to open and close the door from the access ladder. This, allied to leaning back, can lead to slips and falls.

An automatic door opening system has been fitted which enables operatives to open the door safely, from the ground.

A small remotely controlled 12-volt door opener was sourced and fitted to the vehicle using a roof-rack type structure. The existing door lock was replaced by a magnetic lock and to avoid unauthorised entry a key-operated emergency stop system activates the machine.

Should the remote control fail an emergency exit push button cuts the power to the magnetic lock enabling the door to be opened.

This initiative makes it possible for operatives to maintain three points of contact whilst entering and exiting mobile plant.

ARTICLE IMAGES

