

BEST PRACTICE

LOCATION: **ARTICLE YEAR:** 2008
ACTIVITY: Manual handling and storage **COMPANY:** Aggregate Industries
SUB ACTIVITY: N/A **COMPANY LOCATION:** Back Lane Quarry, Lancashire
BEST PRACTICE No: BP552 **COMPANY TEL:** 01524 732261

TITLE

Safe system for changing hot storage skip ropes

ARTICLE

There were concerns over the maintenance of the hot storage system at this asphalt plant. Material is transported up to the asphalt bins via a skip car propelled by two wire ropes on a winch.

For safety reasons, these ropes are changed every six months. Removing the ropes was a straightforward process but reattaching new ones carried with it safety issues. Reattaching the new ropes to the winch and re-tensioning them required an operative to hold the ropes on the winch, while another operative electrically wound the drum. This procedure carried manual handling and entrapment dangers.

New equipment has been put in place which protects the operative from the dangers of the winch and rope.

ARTICLE IMAGES



Before



After