


## BEST PRACTICE

**LOCATION:** Asphalt/Coating plant      **ARTICLE YEAR:** 2006  
**ACTIVITY:** Maintenance & Housekeeping      **COMPANY:** Aggregate Industries  
**SUB ACTIVITY:** N/A      **COMPANY LOCATION:** Halton East Asphalt Plant, North Yorkshire  
**BEST PRACTICE No:** BP283      **COMPANY TEL:** 01756 709219

### TITLE

 On Video

### Elevator maintenance inspections

#### ARTICLE

In the past, the task of maintaining and inspecting hot elevators at this asphalt plant involved heavy manual handling and •live working•. Now, a vehicle winch is used, which is fixed to the maintenance truck and powered from 12V battery. This means that the plant can be fully locked off.

Engineered on site, a small extension was welded to the bottom elevator shaft. The simple task is to slide a hub wheel onto the bottom shaft, then attach the winch cable to the hub. The cable is wound onto the hub before being secured to the shaft using a locating pin. The easy fit guard to protect the operator from any moving parts can then be fitted into place. The winch is activated with a remote switch held by the fitter. The elevator now moves in a slow, smooth and controlled manner. If work is needed on the elevator, a lock off / isolation is fitted to the 12 volt battery supply.

#### ARTICLE IMAGES