

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