

## BEST PRACTICE

**LOCATION:** Readymix or mortar plant      **ARTICLE YEAR:** 2005  
**ACTIVITY:** Maintenance & Housekeeping      **COMPANY:** Aggregate Industries UK  
**SUB ACTIVITY:** N/A      **COMPANY LOCATION:** Bardon Concrete, Liverpool  
**BEST PRACTICE No:** BP117      **COMPANY TEL:** 01524 738858

### TITLE

Retractable spray bar mechanism

### ARTICLE

Bardon Concrete in Liverpool has designed a device to improve safety in the maintenance of dust suppression spray bars used to control the dust emissions around the site. The nozzles of the spray bars are situated around the loading point of the plant and need to be above the loading sock  $\text{\textcircled{C}}$  necessitating the use of a ladder or scaffold to remove the nozzles for cleaning.

The company<sup>TM</sup>'s low-cost solution was to design a device which would retract the spray bar assembly to ground level to enable the cleaning and replacement if the nozzles. This featured a release mechanism to allow the spray bar assembly to be retracted via a winch or chain block, and did not involve any dismantling of the sprays.

### ARTICLE IMAGES