


BEST PRACTICE

LOCATION: Occupational Health
ACTIVITY: Occupational Health
SUB ACTIVITY: Air and dust
BEST PRACTICE No: BP589

ARTICLE YEAR: 2008
COMPANY: Aggregate Industries
COMPANY LOCATION: Halton East Works, North Yorkshire
COMPANY TEL: 01756 709 219

TITLE

 On Video

Filter cage replacement tool

ARTICLE

The dust collection system at this asphalt coating plant consists of hundreds of filter bags & wire cages, which require regular maintenance and replacement.

Replacing filter bags involves lifting filters from foot level. To dislodge the cages regularly proved physically difficult to remove due to contamination and heat distortion. Staff often commented on the risk of back strains during this arduous task.

Discussions took place and the maintenance team designed and built a simple tool for the job. The filter cage replacement tool now means the cages can be loosened and removed from a standing position with minimal effort, whilst the same tool is used to tamp down the replacements.

A recent filter change was completed in half the time, with positive feedback from the crew carrying out the task.

ARTICLE IMAGES

