


## BEST PRACTICE

<b>LOCATION:</b>		<b>ARTICLE YEAR:</b>	2008
<b>ACTIVITY:</b>	Maintenance & Housekeeping	<b>COMPANY:</b>	Aggregate Industries
<b>SUB ACTIVITY:</b>	N/A	<b>COMPANY LOCATION:</b>	Westleigh Quarry, Devon
<b>BEST PRACTICE No:</b>	BP591	<b>COMPANY TEL:</b>	07740934114

### TITLE

 On Video

### Rubber plate lifter

#### ARTICLE

During a plant maintenance shutdown it was noted that two of the rubber mats on the primary grizzly feeder screen needed to be replaced.

Each mat weigh approximately 150kg and trying to lift out individual mats was impossible, as chains or lifting strops would not fit around them.

The workshop devised the Rubber Plate Lifter. Two lifting plates were made with a lifting eye and six angled holes.

The plate is positioned on the rubber and six 200mm long high tensile bolts that have been ground into points are screwed into the rubber mat.

Once the plates have been secured to the rubber the mat can be lifted using a hoist. The angled holes helps increases the grip to the rubber mat.

This process has eliminated the manual handling risk of replacing heavy mats.

#### ARTICLE IMAGES

