

Southern Shield

Good/ Best Practice feedback

Nature of works

Braked pulley system

Date of good practice note

February 2017

Gin Wheel- Brakes pulley system



Description of the good practice

A new type of Gin Wheel has been located that allows loads to be pulled between scaffold lifts in a controlled manner and safe from fall. The 'Big Ben' is a braked pulley that means that whatever happens the load cannot fall should grip be lost.

What are the benefits?

Using a standard Gin Wheel means that loads can only remain in control by gripping the rope at all times. Using the braked pulley it means that loads raised and lowered are safe from falling at all times even if grip on the rope cannot be maintained. It also reduces physical strain for those using it.

Are there any drawbacks?

Although the cost is not that great most scaffold companies own the usual pulleys and therefore will usually default to them because they are free and in stock rather than hiring a new item.

Supporting Information

<https://leachs.net/lifting-equipment/big-ben-braked-pulley>