


# BEST PRACTICE

**LOCATION:** Construction/delivery site      **ARTICLE YEAR:** 2006  
**ACTIVITY:** Manual handling and storage      **COMPANY:** Tarmac National Contracting  
**SUB ACTIVITY:** N/A      **COMPANY LOCATION:** Airdrie, Scotland  
**BEST PRACTICE No:** BP277      **COMPANY TEL:** 01236 840086

## TITLE

 On Video

Emulsion sprayer

## ARTICLE

The need to manually attach 200 litre drums to an emulsion sprayer caused concern at this site. On large jobs, a spray tanker carries out this work but there are many smaller jobs where the use of the tanker is unsuitable.

An easily transportable unit with a hydraulic lifting attachment has been designed. When 200 litre drums are offloaded by the delivery vehicle, they are placed on level ground with wooden straps below them to leave a minimum of 50mm clearance. This means that the forks from the device fit under the barrel and allow it to be lifted hydraulically. The unit is fitted with pneumatic tyres to facilitate easy movement.

In addition, a pallet cart was purchased and the site fitters were tasked with designing and building a portable sprayer. This can be connected to the 200 litre drums without the need for any manhandling of barrels. An easily operated hand jack operates the forks for raising and transporting the barrel, which is chained to the portable sprayer prior to it being.

## ARTICLE IMAGES