

# BEST PRACTICE

<b>LOCATION:</b>		<b>ARTICLE YEAR:</b>	2008
<b>ACTIVITY:</b>	Transport	<b>COMPANY:</b>	Yeoman Asphalt
<b>SUB ACTIVITY:</b>	Mobile Plant	<b>COMPANY LOCATION:</b>	Botley Depot, Hampshire
<b>BEST PRACTICE No:</b>	BP478	<b>COMPANY TEL:</b>	01489 784438

## TITLE

Vehicle height limit alarm

## ARTICLE

This asphalt plant has a height limit of 3.15m for vehicles, which was appropriate when the plant was built in the 1970s. More recently however, the increase in the size of the vehicles entering the site has led to vehicles hitting the plant as they position under the loading point.

Initially the problem was addressed by erecting a goal post on the approach to the plant with a swinging plate suspended at the correct height. This alerted the drivers to the height restriction. However, this did not eliminate the problem as some drivers were unaware that they had struck the hanging plate. Another solution had to be found.

The solution was to adapt the detector beam sensor used on the sites™ roller shutter doors. The sensor was developed to include an audiovisual alarm, that alerts drivers if their vehicle is beyond the size limit.

The alarm sound ceases after a short while to avoid prolonged disturbances to members of the public.

This new alarm system has already averted potential problems and has allowed site personnel to talk with drivers that have activated the alarm to provide instructions on how to avoid a collision.

## ARTICLE IMAGES

