

BEST PRACTICE

LOCATION:	Cement plant	ARTICLE YEAR	2024
ACTIVITY:	Maintenance & Housekeeping	COMPANY:	Tarmac
SUB ACTIVITY:	Mobile Plant	COMPANY LOCATION:	Tunstead
BEST PRACTICE No:	BP2245	COMPANY TEL:	0000
COUNTRY OF ORIGIN:			

TITLE

Mobile Elevated Work Platform Basket Alarm – Sky Beacon - Topic 2 - Highly Commended

ARTICLE

TOPIC 2 - Highly Commended - 2024130

- Following the high potential learning event at Barnstone site where a contractor left the basket of the Mobile Elevated Work Platform (MEWP) to access a roof at an approx 6m height, it was recognised that safety around the use of MEWP baskets need to be improved and to deter people from leaving the basket at height in an unsafe manner.
- One of the key points raised from the incident was that the contractor was out of sight and the supervisor could not see the unsafe act.
- This action was the catalyst to come up with an engineering solution to deter MEWP users from leaving the basket and alerting supervisors or personnel in the area that an unauthorised egress of a MEWP basket is taking place.
- The proposed solution called 'Sky Beacon' uses a simple light weight lanyard and 140 dBA alarm system which is activated via a 'grenade type pin' when the MEWP user moves out of the basket beyondt the length limit of the lanyard when in use.

There is a short demonstration video and presentation available at request for further details.

Please see additional pdf for details of the design process

ARTICLE IMAGES