

## BEST PRACTICE

LOCATION: Quarry  
ACTIVITY: Pedestrian and transport safety on-site  
SUB ACTIVITY: No Sub Activity Available  
BEST PRACTICE No: BP2168  
COUNTRY OF ORIGIN:

ARTICLE YEAR: 2022  
COMPANY: Tarmac  
COMPANY LOCATION: Mountsorrel Quarry  
COMPANY TEL: 0000

### TITLE

**Solar powered lighting installation to reduce the risks of slips, trips and falls on pedestrian walkway**

### ARTICLE

#### Topic 4 - Highly Commended

Slips, trips and falls are one of the most common incident types within Tarmac. One of the contributing factors is poor lighting on staircases and walkways on operational sites. Due to the various hours that employees access these high trafficked areas it became apparent that this was a vital area to increase safety measures and reduce the possibility of an incident occurring. It can also be deployed alongside traffic routes to ensure pedestrians are clearly visible to drivers.

We wanted to introduce a sustainable option that would provide adequate lighting to the area when required. After investigating several options we spoke with Ninehundred Communications who were in the process of developing a new solar powered LED lighting system to be installed where poor lighting was an issue. As we had several poorly lit areas on site this was something which we wanted to install and trial at the earliest opportunity.

We chose a set of concrete steps leading to the primary crusher which were not illuminated at night to see what difference it would make and have submitted the before photos to demonstrate the difference. This was a well-used walkway for staff, contractors and site visitors which posed a hazard when working in the hours of darkness as the steps were not easily visible.

Please see additional pdf for more information

Image of stairs with new lighting



### ARTICLE IMAGES