

BEST PRACTICE

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|--------------------|----------------------------|-------------------|---------------|
| LOCATION: | Mobile Plant | ARTICLE YEAR | 2017 |
| ACTIVITY: | Maintenance & Housekeeping | COMPANY: | Hanson UK |
| SUB ACTIVITY: | N/A | COMPANY LOCATION: | Barton Quarry |
| BEST PRACTICE No: | BP2003 | COMPANY TEL: | 07971 336578 |
| COUNTRY OF ORIGIN: | United Kingdom | | |

TITLE

Emergency tyre deflation device

ARTICLE

DESCRIPTION

A failure on a tyre fitted to a Volvo ADT dumper caused the inner tube to balloon out of the casing. The tyre needed to be deflated, but due to the potentially weakened structure of the casing, removing the valve manually was not an option.

A spiked device was made consisting of a hollow tube welded to a plate with a hole in it to allow the air to escape. The device was then placed behind the tyre ready for use. Before commencing, a risk assessment and safe working practice was completed for the use of the device in consultation with the tyre company. A second ADT was used as a shield from any potential debris.

The ADT was then reversed onto the spike. This allowed the spike to pierce the tyre and safely deflate.

BENEFITS

- Potentially life threatening situation made safe
- Operative removed from hazardous zone
- Simple tool to assist in safe deflation of defective tyres.

ARTICLE IMAGES

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