

# Safety Alert

**Number:** 17-11

**Published:** 18/09/2017

**Subject:** Steel Ferrule Failure

## What Happened / Narrative

Whilst operating the forward utility hoist (Tugger), weight was taken to support a 1.5t basket to assist the crane in removing the basket from the drill floor.

The winch wire was in tension and load 2" above the deck, the line failed sending the pennant assembly and wire directly down into the basket itself and finally coming to rest on the forward winch.

## Why Did it Happen / Cause

The 20mm steel wire rope was pulled out of its Flemish eye termination due to a failure of the ferrule.

Potential Severity:

- Single fatality / multiple major injuries

## Corrective Actions Taken / Recommendations

All 20mm steel wire ropes must be checked for the correct crimping of the ferrule.

- The 20mm steel ferrule when pressed should have been round and not hexagonal
- Any 20mm steel wire ropes that do not meet the criteria must be removed from service immediately and returned to onshore for quarantine

**NOTE** – Other rope sizes and ropes from other suppliers may have hexagonal ferrules and should be inspected

## Photographs / Supporting Information

### Correctly pressed 20mm steel ferrule



### Incorrectly pressed 20mm steel ferrule.



*The information contained within this Safety Alert and the associated MSF web site is provided in good faith for the benefit of our members and does not constitute and is not intended to constitute professional advice or any form of formal representation on behalf of any MSF member or officer. The text as provided by submitting organisations may be amended to ensure that it is brief, informative and readable but will as far as reasonably practicable remain as per the intent of the original submission. For the avoidance of doubt, no liability whatsoever shall be attached to any guidance, recommendation or statement contained therein. Contents should be reviewed individually by recipients who will determine relevance to their own operations.*