



Safety Alert

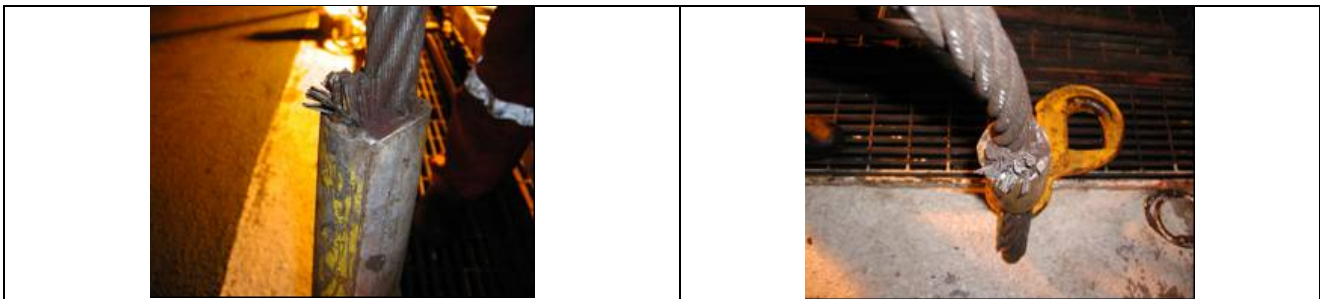
From the International Association of Drilling Contractors

ALERT 06 – 17

HANDLING PENDANT WIRE RESULTED IN CUT HAND

WHAT HAPPENED:

A Supply Vessel was discharging cargo alongside a MODU. The main block was being used in conjunction with a heavy lift pendant line. During the operation the Deckhand, in his normal course of operation, handled the pendant line to disconnect / attach the hook. In carrying out this activity he sustained deep cuts to his left hand and thumb. The vessel ceased operations and returned to harbor to get the IP to hospital. Following medical treatment the IP was discharged from hospital but will be unfit for work for an extended period. This has been classified as a Days Away From Work Case (DAFWC).



WHAT CAUSED IT:

The crane wire termination is a standard aluminum ferrule which is widely used in the industry. Investigations revealed that there were a number of wires protruding from the top of the heavy lift pendant ferrule. The wire tail has to be present to ensure full wire penetration and although they can be trimmed it is very difficult and carries a high risk of cutting the standing part of the wire.

The IP was wearing standard PVC gloves with elastic cuffs which keep the hands dry, warm and allows full mobility but it has the lowest rating for protection against tearing and puncture. Gloves are given ratings for various hazards e.g. Abrasion, Blade Cut, Tear and Puncture.

From evidence it is clear that the IP's hand came into contact with the wires that were protruding the ferrule. Despite the IP wearing gloves, they were not of a satisfactory rating for the job; the wires were sharp enough to penetrate his glove and cause the deep cuts.

The condition of the wires protruding the ferrule created a clear hazard to personnel. Following discussions with operators it has been noted this condition is common.

CORRECTIVE ACTIONS: To address this incident, this company issued the following:

It is recommended that all operators inspect their lifting equipment for similar type of deficiencies.

In the long term these types of terminations require to be re-assessed, consideration should be given to terminations that do not create such hazards.

The Corrective Actions stated in this alert are one company's attempts to address the incident, and do not necessarily reflect the position of IADC or the IADC HSE Committee.

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- A recommended solution is to utilize crane pendants for offloading / back loading supply vessels which are fitted with a Flemish or 'Super Loop' type of termination (pictured). The sleeve has a tapered top which encompasses the wire ends.
- It is suggested that they would only be required on crane pendants and not normal wire slings. It is further recommended that Companies ensure that operatives wear the most suitable glove for the task.



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