



# Safety Alert

From the International Association of Drilling Contractors

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ALERT 03 – 38

## MUD PUMP MAINTENANCE OPERATIONS RESULTS IN A FACE INJURY

### WHAT HAPPENED:

While the night mechanic was assisting senior mechanic in removing chain driven sprocket from mud pump, a puller and jack were being used for this job. Everybody was clear during the operation then it was decided to release pressure from the jack to check progress of the job. The puller and jack were secured by rope and chain to avoid being dropped, while removing the puller, which has 2 long studs; the end of one stud struck the injured person on left cheek. The injured person suffered a small cut (2cm long) 5cm from his left eye. The injured person took a medical treatment and returned to work.

### WHAT CAUSED IT:

- Task assessment was not done properly.
- The injured person was in the improper position for the task.
- Lack of attention and communication between crewmembers, involved with this job.
- Pre-job safety meeting was not conducted / complete.

### CORRECTIVE ACTIONS: To address this incident, this company instructed rig personnel:

- JSA should be done prior to non-routine jobs and discussed with all crewmembers.
- Pre-job safety meeting to be conducted including all personnel in the work group participating in the job.
- Supervisors should check to see if the crewmember(s) fully understand the task precautions while working.

NOTE: Refer to IADC Accident Prevention Reference Guide: Section 1.4 on JSAs

**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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