



# Safety Alert

From the International Association of Drilling Contractors

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## ALERT 10 – 31

### MUD PUMP REPAIR RESULTS IN FRACTURED FINGER

#### WHAT HAPPENED:

The derrickman and the injured person (IP) were tightening the bolts of the mud pump pulsation damper. As the derrickman swung the hammer it slipped from his hands and struck the injured person (IP) on his left hand. The IP was holding the hammer wrench with his hands. The blow from the hammer caused a contusion to the index finger of the IP. The IP was taken to the hospital where they found a compound fracture to his index finger resulting in a restricted work case.

#### WHAT CAUSED IT:

- JSA was not conducted prior to the job.
- Incorrect use of tools by holding the hammer wrench with his hand.
- Failure to secure the wrench with sash cord or an "O" ring.
- Non-compliance with company instructions for securing hammer wrenches.
- Lack of safety awareness by the derrickman and the IP.

#### CORRECTIVE ACTIONS: To address this incident, this company did the following:

- Conducted additional training for crewmembers to reinforce proper use of hammer wrenches.
- Instructed rig supervisors to train rig personnel on the proper method to secure a hammer wrench.
- Instructed the rig supervisors and rig personnel on the importance of properly using JSAs prior to conducting tasks.

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**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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