



Safety Alert

From the International Association of Drilling Contractors

ALERT 04 – 14

FAILURE TO FOLLOW LOCKOUT PROCEDURE RESULTS IN INJURY

WHAT HAPPENED:

Work requiring disconnection and removal commenced on a mud mixing pump assembly without completing a Permit to Work, Lock/Tag/Try or reviewing the JSA. During the work scope, a Motorman passing by was asked to operate the chain fall assembly by pulling the control chain to raise the motor. While pulling on this chain, it is thought that the loose fall of the operating chain contacted the on/off switch for the electric pump. This switch was about three foot above the motor and in direct line of the chain fall assembly. (See attached photos) This energized the 100 horsepower motor and caused it to go out of control. It swung outward then upward, striking the motorman who was seriously injured and received a fracture of the upper arm and severe bruising to the side of his body, neck and face.

WHAT CAUSED IT:

- No pre-job planning
- No Permit to Work
- No Lock out Tag out and Try
- No Job Safety Analysis

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

- Refresher training for Permit To Work, Lockout/Tagout/Try and JSA.
- Revise the JSA for this job to increase detail to eliminate these hazards and include Lockout procedures.
- Recommend purpose built lifting frame to eliminate chain falls from piping.
- Install safety signs on all equipment that can be remotely operated or that starts automatically.
- Recommend the electric switch be evaluated for a different type switch that is guarded on the start button.



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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