



Safety Alert

From the International Association of Drilling Contractors

ALERT 13 – 24

UNRECOGNIZED HAZARD RESULTS IN LACERATION TO LEG

WHAT HAPPENED:

A derrickman was instructed to empty the brine column tank on the rig. Prior to commencing the job, the derrickman planned the job, ensured a permit-to-work was in place, and completed a job safety analysis. The equipment he was going to use included a 1 inch (2.5cm) water hose and a “jockey” pump. When the brine tank was empty, the derrickman decided to flush the hose and the pump using the 1 inch (2.5cm) water hose. He connected the hose to the outlet on the pump and pressurized it. To avoid spilling the brine, he choked the hose (Picture #1). The distance from pump outlet to the pump house was approximately 10 meters (33ft). While moving against the pump, the pressure built up inside the hose resulting in the hose slipping out of his hand. The hose made an uncontrolled swing and hit the derrickman in his leg. He continued to work until the end of his shift and it was not until after his shift that he realized the hose nozzle had cut his leg.



Arrow indicates which part of the hose hit the injured person in the leg.

WHAT CAUSED IT:

- Inadequate risk identification and planning
- No use or lack of necessary aids/tools

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

- The OIM called for a job stand down with the rig crew to review the incident and corrective actions.
- The company directed all department leaders, on a daily basis, to pick a random job, call for a job stand down and use hazard recognition techniques to identify that all safety precautions are in place.
- The company instructed all rig managers to feature these incident safety stand downs at internal safety meetings.

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.

This material is presented for information purposes only. Managers & Supervisors should evaluate this information to determine if it can be applied to their own situations and practices

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