



Safety Alert

From the International Association of Drilling Contractors

ALERT 03 – 32

AIR HOSE INCIDENT RESULTS IN A FATAL INCIDENT

WHAT HAPPENED:

A worker was struck on the head by a compressed air hose which blew off its fitting on a piece of equipment. He received serious head injuries, which proved fatal.



Anti Whip Device



IADC Note: This anti-whip device was not part of the original alert.

WHAT CAUSED IT:

The air hose was held by a hose clamp on the fitting with no keeper or restraining chain or sling to prevent the hose from thrashing around. The primary cause of this accident was the failure to secure the hose and hose clamp by means of keeper or sling and chain respectively.

CORRECTIVE ACTIONS: To address this incident, this company gave the following instructions to its operations personnel

- Although routine tasks don't require a formal written JSA, the destructive potential of "unrestrained" compressed air hoses should be highlighted to all personnel and be included in toolbox talks and safety training.
- Restraining devices such as keepers, chains, slings, proprietary special couplings and whip-checks should be installed on all diameter or high-pressure compressed air hoses to prevent them thrashing about in the event of a hose or coupling failure.
- Regular inspections of all compressed air powered equipment, including hoses, should be carried out to assess the integrity of the couplings, clamps, keepers and hoses and corrective action taken where necessary.

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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