



PRECISION DRILLING



IMMEDIATE SAFETY ALERT

Date: November 2, 2003
Location: Rig Floor
Operation: Drilling surface hole
Subject: **Fatality: Rope for fall protection catches in rotating equipment**

DESCRIPTION:

A 23 year old Precision Drilling employee was fatally injured after his 6 foot rope lanyard was wrapped around the Kelly bar. The deceased had just completed work in the derrick and was wearing a full body harness with a 6 foot rope lanyard attached to his shock absorber secured to his back dorsal D ring. After climbing down from the derrick the worker walked across the rig floor passing in close proximity to the rotating Kelly. The lanyard wrapped around the Kelly bar pulling the worker into the rotating bushing.

The rotary table was turning at approximately 130 RPM

We must learn from this tragedy!

The following steps must be implemented immediately on all Precision Drilling sites.

1. All Precision Drilling personnel must review current practices associated to the wearing of full body harnesses and the attachments required. Review the following key points :
 - Remove fall protection **attachments immediately** (example – web or rope lanyards, anchor slings, carabineers, self retracting life lines, tools etc...) following work at height. Do not work with any personal protective equipment or clothing unsecured or loose around moving equipment.
 - Full body harness must be donned or removed away from moving equipment. All straps must be secured properly and tucked away to allow protection from hazards associated to moving / rotating equipment.
2. Review safe work procedures around rotary table and rotating equipment. Review the following key points :
 - No one should step on the rotary table, or touch while rotating equipment is turning.
 - Water hoses / steam hoses / air hoses / wash guns must not be pulled around rotary table area while it is turning.
 - When the rotary table is turning, rig floor personnel must not swing winch lines near the rotary table, rotary bushings, or spinning Kelly.
 - Equipment around rotary table, pipe tongs and slips for example, must be secured back away from rotary area while it is turning.
 - Personnel must not work, or walk, in close proximity (1 meter) to the rotating table.

Precision Drilling is currently conducting an on site investigation in conjunction with BC WCB and the Operator. Upon completion of the investigation recommendations will be sent to all sites.

It is important to initiate immediate response to this tragedy. Please take the following steps immediately to reduce risk on your site.

- Field Superintendent / safety to contact verbally (phone) and fax, **Immediate Safety Alert**, to all operating sites **immediately**. Safety to track information faxed through confirmation sheets received through faxing process.
- All recommendations identified must be reinforced and or implemented immediately. Document all crew participation using attached review sheet. Ensure crews off shift, or on week off, complete review.
- Provide any comments or recommendations on a safety meeting form and forward back to office with the crew review document sheet. In order to prevent a future tragedy with similar circumstances we must have full participation in the identification of action to prevent re-occurrence.
- Review Petroleum Safety Council Alert # 26-2002 in addition to the above fatality. Although not identical to the above tragedy, similar concerns associated to moving machinery and hazards from loose or protruding attachments exist.