



# SAFETY ALERT

## WORKERS HAND CAUGHT BETWEEN THE SHEAVE AND THE DEADLINE

<b>Safety Alert:</b> #14 - 2010	<b>Release Date:</b> June 28, 2010
<b>Incident Type:</b> Failure to Follow Procedure	<b>Country and Region:</b> Canada, Alberta

### Description of Incident:

- A drilling crew was tripping out of the hole to retrieve a core barrel. They had just pulled two pipe and stopped for a flow check.
- The crew, continued to pull the core barrel. The third pipe was racked back; the derrick hand leaned forward against his positioning lanyard and grabbed the deadline to stabilize the blocks from swinging. The elevators were latched onto pipe #4 and the driller began to hoist.
- The driller looked up to make sure everything was clear and then looked back at the weight indicator. The floor hands were getting the rotary tongs and slips ready. The driller was hoisting in 2nd gear, between  $\frac{1}{2}$  -  $\frac{3}{4}$  throttle, so as not to dislodge the core.
- The derrick hand's hand became caught, between the sheave and the deadline. He yelled to the driller to stop. The blocks were lowered and he was able to remove his hand and climb down to the floor unassisted.
- The driller helped him remove his fall arrest harness and the crew performed first aid. Medics responded and the worker was transported to hospital for surgery. He lost a portion of three fingers on his right hand.

### What Caused It:

- The derrick hand was distracted and his right hand was still on the dead line when the blocks reached monkey board height.

### Corrective Actions:

1. Signs will be installed at the monkey board level to remind workers of pinch points and moving equipment.
2. Policy change. The derrick hand will stay back from the end of the diving board until the blocks are above him and the elevators are in the appropriate position. If at any point in the operation should the derrickhand put himself in a position where he is able to, or has grabbed onto the drill line it will be the responsibility of anyone who witnesses this to alert the driller. The driller will not allow the blocks to remain in motion while someone has their hand on the drill line, or is in a position to do so.
3. The derrick hand hooked up procedure requires that the blocks will remain at the floor until the derrick hand is fully hooked up. He will proceed to the end of the diving board, signal to the driller that he is hooked up and then the driller may begin hoisting.

Will be amended to say: the derrick hand must also stay back and remain in a safe position, until the blocks are above his head.

**Contact:** For more information of event, please contact [safety@enform.ca](mailto:safety@enform.ca)

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