



The Safety Association for Canada's  
Upstream Oil and Gas Industry

## Wireline Control Valve Tips Over Onto Worker Inexperienced worker injured

SAFETY ALERT

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### Enform: Your Partner in Safety

Enform is the upstream oil and gas industry's advocate and leading resource for the continuous improvement of safety performance. Our mission is to help companies achieve their safety goals by providing practices, assessment, training, support, metrics and communication. Our vision is no work-related incidents or injuries in the Canadian upstream oil and gas industry.

### An Industry Product

This document was developed by industry for industry. Working collaboratively, Enform led cross-industry representatives in developing a guidance sheet that meets the industry's needs. Canada's leading oil and gas industry trade associations support the use of shared information to help companies of all sizes improve performance.

### Disclaimer

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### Details

Release Date: March 7<sup>th</sup>, 2011  
Incidence Type: Injury  
Country and Region: NE BC

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### Description of Incident:

- A wireline crew was preparing to lift a wireline BOP control valve onto the well head.
- The control valve had been secured to a frame structure on the ground by means of two ratchet straps to prevent it from falling over.
- A new worker was assigned the task of hooking the valve to the crane hook by means of a lifting sling.
- The worker was seriously injured, when the wireline control valve fell over and knocked him to the ground.

### What Caused It:

- The new worker released the straps and then attempted to put the sling into the crane hook.
- The worker did not recognize the risk of putting himself in the path of a potential tip over.

### Corrective Actions:

This incident illustrates a number of issues, including:

- The need to secure all unstable equipment against unintentional movement, in all circumstances
- The need to make certain, that all new workers are given a complete orientation and are informed of potential jobsite and task hazards
- The need for supervisors and more experienced workers to closely monitor the activities of less experienced workers
- Gravity as a source of potential energy, needs to be considered when assessing workplace hazards
- The need to take the time required to assess hazards prior to starting job tasks with a pre-job task hazard assessment, Job Safety Analysis review or a Field Level Risk Assessment

Fixed hooks have since been installed on the frame structure, where the BOP is set into, when it is taken off the wellhead. This engineered solution eliminates the need to use ratchet straps to restrain the BOP while not in use.

By industry, for industry



