



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

Wireline Control Valve Tips Over Onto Worker

Inexperienced worker injured

SAFETY ALERT

ISSUE #: 03-2011

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

This document is intended to be flexible in application and provide guidance to users rather than act as a prescriptive solution. Recognizing that one solution is not appropriate for all users and situations, it presents accepted guidance that generally apply to all situations. While Enform believes that the information contained herein is reliable under the conditions and subject to the limitations set out, Enform does not guarantee its accuracy. The use of this guidance sheet or any information contained will be at the user's sole risk, regardless of any fault or negligence of Enform and the participating industry associations.

Copyright/Right to Reproduce

Copyright for this document is held by Enform, 2011. All rights reserved. Enform encourages the copying, reproduction and distribution of this document to promote health and safety in the workplace, provided that Enform is acknowledged. However, no part of this publication may be copied, reproduced or distributed for profit or other commercial enterprise, nor may any part be incorporated into any other publication, without written permission of Enform.

Details

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

For more information on this event, please contact:

safety@enform.ca

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



