

SAFETY ALERT



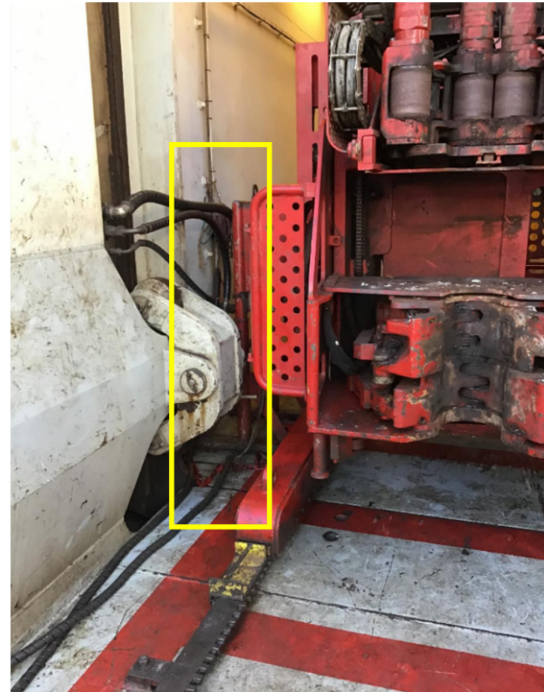
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Rig Floorman Pinned by Moving Equipment



Storage location of the Iron Roughneck



The pinch point between the control panel, Iron Roughneck and the construction floor guide roller assembly

On November 9, 2019, a rig floorman was in the process of moving an Iron Roughneck control panel (control panel) from its temporary storage position to its standard operating position when he was pinned between the control panel and the construction floor guide roller assembly, resulting in a major lost time injury.

The floorman and two others tried but could not move the control panel manually, so they instead moved it toward well center using the Horizontal Travel Selector Switch. In doing so, the floorman placed himself in a pinch point between the control panel and the construction floor guide roller assembly. When the switch failed to return to default/neutral, as designed, the control panel continued moving toward well center, pinning the floorman.

Therefore, BSEE recommends operators and contractors consider the following:

- Research options for modifying the design of all Iron Roughneck, or similar moving equipment, control panels to allow greater storage location flexibility;

- Review equipment layout and operational design to reduce the likelihood human error and to identify potential pinch point areas near equipment;
- Consider reviewing the design and location of moving equipment and/or stationary structures;
- Ensure functionality of all selections on a control panel before, during, and after use;
- Evaluate the installation of proximity switches that would prevent moving equipment from impacting personnel or other equipment;
- Delineate areas of the facility that are unsafe for operating equipment; and,
- Emphasize work safety and identify potential environmental hazards with all personnel.

--BSEE--

A **Safety Alert** is a tool used by BSEE to inform the offshore oil and gas industry of the circumstances surrounding a potential safety issue. It also contains recommendations that could assist avoiding potential incidents on the Outer Continental Shelf.