



Learning Event



MANUAL HANDLING

HAZARD

Physical
(Moving object)

**Person in
Line of Fire**

CONSEQUENCES

Actual: A fatality
Potential: A fatality

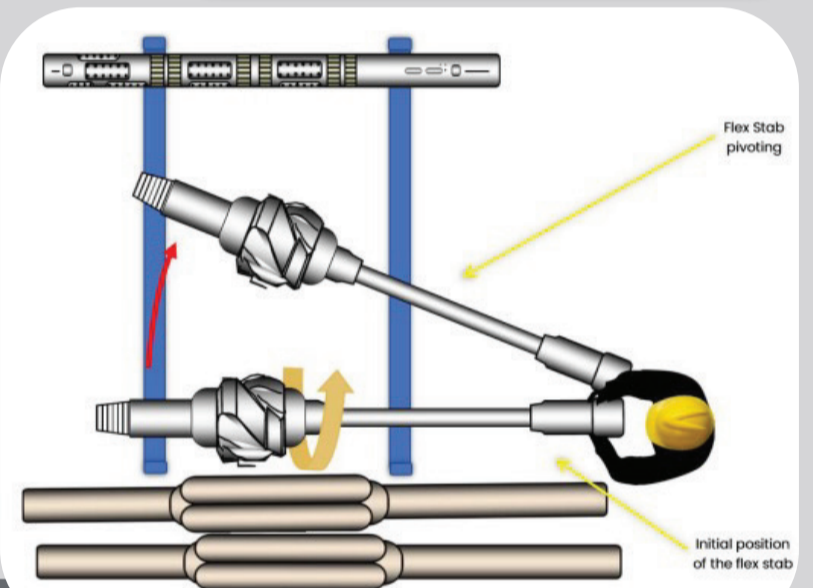
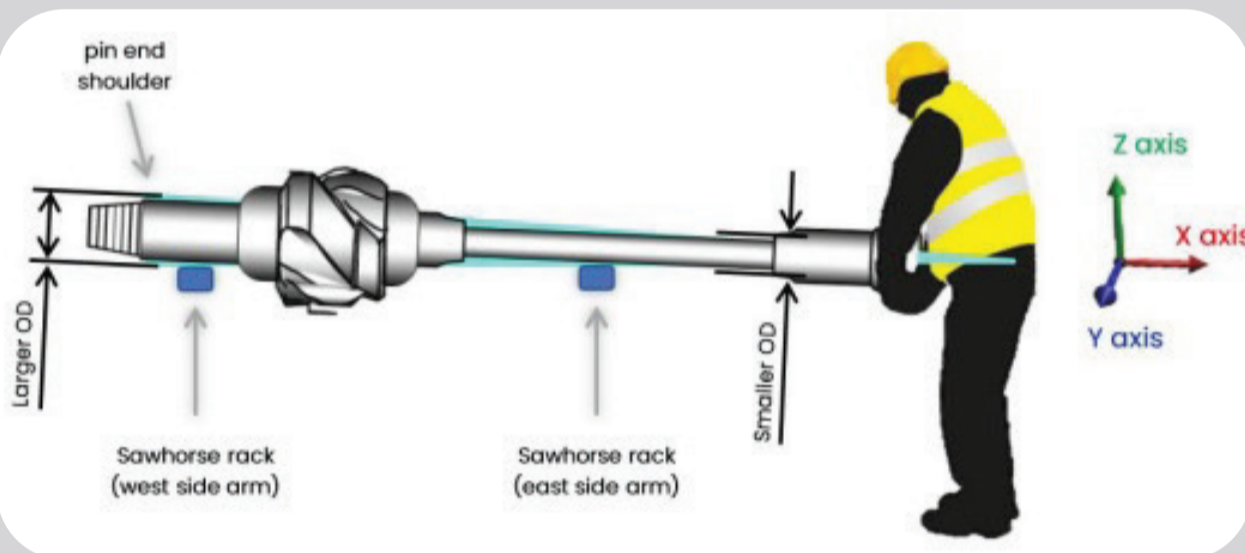
WHAT ARE YOU DOING TO PREVENT LINE OF FIRE INCIDENTS RELATED TO STORING AND HANDLING ITEMS THAT HAVE A CYLINDRICAL SHAPE?

What Happened?

A warehouse and yard worker was rolling a flex stabilizer on a sawhorse rack. One end of the tool dropped from the rack, causing the opposite end to fatally strike him.

NOTE

This incident did not happen in Australia.



Why did it Happen?

- The worker approached the flex stabilizer intending to move it along the sawhorse rack by rolling it. As the tool started rolling along the sawhorse rack, the worker followed the movement parallel to the sawhorse rack arms.
- The flex stabilizer has different outer diameters (OD) on each end and completed about 3 to 4 rotations around the X axis, when the difference in OD caused the tool to pivot. The pin end of the flex stabilizer rotated approximately 7 inches inside the sawhorse rack arms.
- As the flex stabilizer began to pivot, the pin end of the tool started to drop off the sawhorse rack arm. The worker reacted by grabbing the other end of the tool to stop the movement. As the pin end dropped, it caused the other end of the tool to rapidly raise and lift the worker into the air, who then fell on two other tools located in front of the sawhorse rack. Upon falling on the other tools, the flex stabilizer came to rest on top of the worker.

What did they Learn?

- Immediately stop storing tools with different outer diameters on sawhorse racks.
- Confirm systems that store enough energy to potentially cause a fatality or serious injury are designed with adequate barriers to further reduce risk.
- Safety training should include hazard identification and risk management.

IOGP Life-Saving Rules

- ✓ Be positioned to avoid: moving objects; dropped objects
- ✓ Take action to secure loose objects and report potential dropped objects



Ask yourself or your Crew:

- Do you store items that have a cylindrical shape at your site?
- Do any of these items have different outer diameters at each end?
- Are these items stored on sawhorse racks?
- Have you been trained in proper handling techniques for these items?

Further information:



Safer Together
Line of Fire
mini-portal



IOGP
Rule in a Minute Video
(Line of Fire)

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