

COS SAFETY SHARE

WHAT WILL WE DO TO PREVENT THIS FROM HAPPENING HERE?

LIFTING EYE UNEXPECTEDLY CAME FREE

What happened?

While rigging a centralizer plate using the well bay crane, the lifting eye assembly unexpectedly came free from the plate while under approximately 800lbs of lifting pressure. This caused the lifting eye to travel upwards approximately 30' then downwards and land on the grating below. The lifting eye remained attached to the crane rigging (lifting eye attached to the single leg nylon sling attached to the crane's wire rope). The lifting eye weighs 6.6lbs.

What went wrong?

- Legacy procedures not aligned with manufacturer recommendations.
- Procedures do not specify to torque to Swivel Hoist Rings specifications.
- Swivel Hoist Rings have proper torqueing specification identified on each ring. Crews complete this task from memory.
- Hazard of swivel hoist ring breaking free during the lift was not recognized by personnel conducting the task...not recognized or discussed during the JSA by personnel conducting the task.
- Cone of exposure was not addressed during the JSA.

Why did it happen?

- Improper tools used to torque swivel hoist ring.
- Crews routinely complete a "pull test" of the Swivel Hoist Rings prior to attempting the centralizer lift. According to witness statements, this was completed by crews but did not identify that one ring was not properly tightened through proper torqueing according to OEM specifications.
- Lack of Quality Assurance/Quality Control process for selection or installation of swivel hoist rings.
- Poor Toolbox QA/QC and general housekeeping of the tool bin.

What areas were identified for improvement?

- QA/QC requirement will be established for any customer- owned offshore equipment/tools on site and maintained by field inspection(s), calibration(s), or certification(s).
- The procedure updated: A two points lift is recommended during the lifting of each quadrant of the centralizer operation procedure.
- A diagram will be updated in the procedure to reflect dual lifting points and turn buckle areas.
- Held a Safety Stand Down with employees to discuss the hazards of selecting the wrong installation equipment, how to verify the correct selection was chosen during the visual inspection/installation, and proper tools to be used during the installation of swivel hoist rings.

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