



H S E

HEALTH SAFETY ENVIRONMENTAL



Alert #: SA 10-23

Date: February 22, 2023

Worker Injures Finger with Torqueing Equipment

Incident Background:

In mid-January, a GIS crew was conducting work for a major client on a production platform in the Gulf of Mexico. The job scope for this operation involved installing interconnected pipe (ICP) on a newly installed skid.

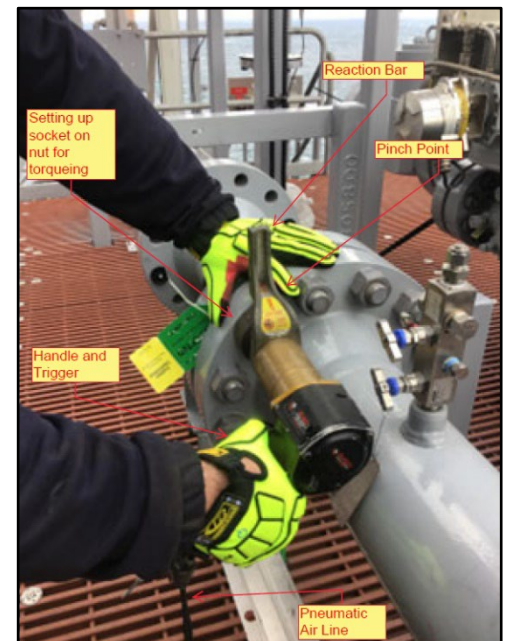
The job task on the morning of the incident would involve the torqueing of bolts located on the flanges of the ICP. The injured employee was tasked with setting-up the torqueing equipment prior to the torqueing operation.

The injured employee set the equipment up as instructed and engaged the air supply; however, the injured employee wanted to ensure there was adequate air supplied to the pneumatic torque gun. To check this, the injured employee placed the gun on one of the bolts and engaged the trigger mechanism. Unknowingly to the employee, the employee's left hand and index finger was in the line of fire.

Upon engaging the trigger mechanism, the reaction bar rotated accordingly and pinched the injured employee's left index finger between the reaction bar and a nut. The injured employee received a significant hand injury.

Lesson's Learned:

- Use the right tool for the right job. Further analysis after the incident revealed that a hydraulic cassette may have been more appropriate in this application.
- When operating any tool, ensure proper hand placement. The manufacturer recommends that the support hand be placed on the back side of the flange during pneumatic torqueing operations.
- Client and company management are currently reviewing the feasibility of utilizing specialty torqueing crews when torqueing exceeds the limits of manual torqueing devices.
- Client and company management are currently reviewing the feasibility of utilizing other torqueing tools and the addition of other safeguards for current tools.



Report all incidents immediately to the GIS Hotline 1-855-543-5163.

Following your initial phone call, an incident report **must** be completed and e-mailed to:

incident@gisy.com

SAFETY ALERT