



H S E

HEALTH SAFETY ENVIRONMENTAL



Alert #: SA 23-24

Date: July 24, 2024

High-Pressure Hose Malfunction

Recently, there has been an incident regarding the accidental release of a high-pressure hose which resulted in a near miss. More specifically, a service tech was connecting a PSV test hose with a 15,000 PSI connection to a platform test panel. The technician had a whip check installed. Once all hoses were connected, the technician began pressuring the equipment. While pressuring up, at around 150 PSI the quick connect separated and released pressure.

Upon investigation of this incident, it was determined that the male end of the quick connect was not fully locked into place. While no one was injured, there are a few lessons to be learned and preventative measures that can be taken to prevent this from reoccurring. Being more vigilant about these things and making sure to take proper procedures in these manners can help make sure the equipment functions as it is supposed to. Some verification measures are:

- Conduct a thorough inspection of all quick connections by attempting to pull apart by hand.
- Notation on JSEA and in Safe to Start Conversation of inspection of quick connection.
- When using Twist Lock Coupling Quick connect, BE SURE that the bottom fitting is twisted BACK to locking position before pressuring up.
- Conduct training with sign-off sheet for all affected personnel

Verification of proper hose connections prior to a high-pressure test is essential to the safety of all personnel and equipment in the area of operation.

Male Fitting Inserted
(Unlocked Position)



Quick Release Latch in
Place (Unlocked)



Twist Bottom Fitting
back into Locked Position



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

SAFETY ALERT