

# Lessons Learned

Date: 8/16/2023

Region: Southern – Portland Intel

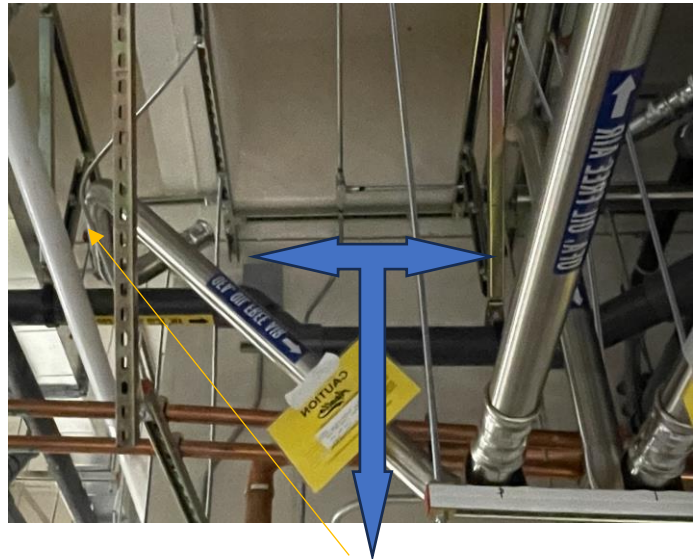
Project: OFA Upgrade

Incident Title: Presslok Fitting Failure

## Summary

While performing a pressure test on a 3" OFA (Oil Free Air) system in the building, a Presslok joint failed causing an immediate and uncontrolled discharge of argon. Pressure in the line at the time of discharge was approximately 140 psi. The final test pressure would be 165 psi.

## Picture



All thread stopped the falling pipe from hitting existing lines.

## What Went Right?

- Team members were standing at the filling station and were able to shut it off as it happened.
- Communication was activated immediately.
- Team members were very upfront on what took place before the incident happened.

## What Went Wrong?

- The team did not follow the process. The go – no go gauge was not used prior to using the Presslok tool.
- The team ran into difficulties and didn't stop the project.
- The team chose to use the MEWP for access which was a change from the original plan of using scaffolding.
- During Pressurization of the system, there was no indication of a leak or loss of pressure before the pipe blew apart.

## Lessons Learned

- Follow the procedure and use the proper equipment to ensure pipe is correctly installed before using the Presslok tool.
- The team should have stopped the work when they realized that they had a tough time reaching the joint.
- Communicate with QA/QC when you're using the Presslok tool to have them spot check the system.