

Lessons Learned



...Building People Who Build Great Things

Date: April 20, 2022

Region: Denver

Project: X5371 Sky Ridge Pharmacy

Incident Title: Propress Miss Fit

Summary

A ½” Propress ninety-degree elbow was installed in a pharmacy, passed pressure test inspection, and piping was insulated. Because of other issues the pharmacy set empty for several months. When the space was finally entered, it was discovered that the joint had leaked into the space causing water damage and mold to ceilings, walls, and floors resulting in thousands of dollars to repair the damages caused by the leak.

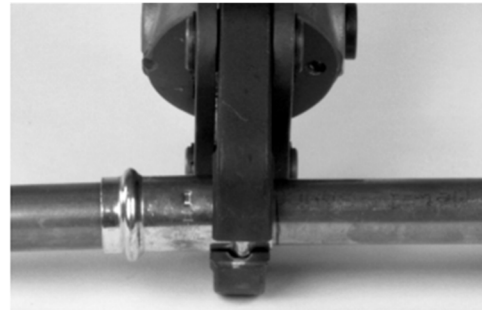


Figure 11 – Jaw Set Square To Fitting and Tubing



What Went Right?

Upon discovery the leaking fitting was removed, replaced and the system was put back in service.

What Went Wrong?

The Propress tool was not square to the fitting and the tube when the crimp was made.

Fitting held pressure initially but ultimately failed.

Lessons Learned

Always visually inspect each completed joint on your piping systems.

Take the time to make sure that everyone knows how to properly use the tools required to do the job right.

Never crimp a Propress joint unless the jaw of the tool is set square to fitting and tube.