



Pressure Awareness

The intent of this document is to promote and raise awareness about the dangers of working around pressure. The intended audience is for anyone that works with or near pressurized equipment which includes but not limited to, machinery, piping, hoses, processes, and tools.

What is this about?

Working in an industrial environment possesses unique risks. If the workforce is not knowledgeable about hazards associated with their working environment, they may not be able to protect themselves in the event of an emergency. Continually educating each other about the dangers associated with pressure is key to maintaining awareness of the dangers.

Why should we be concerned?

Incidents involving the release of pressure continue to occur in our industry. When pressurized equipment fails, it can seriously injure or kill nearby workers. Many of those who have been injured or killed have over time built a tolerance to the risks associated with pressurized equipment and became comfortable that a failure would not occur. Others simply were not aware that the danger of pressure existed.

How to we prevent people from injury?

There are several things that can be done to minimize and/or eliminate injuries associated with an incident related to pressure.

- Remove people from the area where possible and prevent others from entering by barricading
- Test and operate equipment to as low as reasonably practicable (ALARP)
- Verify pressure ratings of all equipment prior to introducing pressure
- Label pressure ratings on equipment so that it is visible to everyone
- Always use restraints on piping and hoses



DO

Don't

Safety Resource Links



- Eliminate people from the area where possible
- Walk down or trace lines during planning process
- Verify pressure ratings for each component (fittings, body, elbows)
- Use proper restraints on all pressure containing lines
- Isolate the area and educate others of the dangers associated with pressure

- Work on, adjust, or handle pressurized systems or equipment while energized
- Ignore deformities, corrosion, or small leaks on piping and hoses
- Proceed if something doesn't "feel" right
- Assume that pressure is absent, always verify



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This YouTube channel is an additional resource containing videos to help with an introduction or refresher about the dangers of working with pressure.

