



**HEALTH, SAFETY,
& ENVIRONMENTAL**



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Fall Protection Entanglement Caused Facility Shut-in

Two related incidents occurred during work at height operations involving a tethered systems equipment (TSE) line.

While an employee was descending from height, the harness lanyard became entangled on a TSE line. This contact opened the handle and activated the deluge system. This unplanned activation caused a facility shut-in and exposed a nearby employee to saltwater spray. As a result, the exposed employee reported irritation in the right eye. The individual was evaluated on location, treated and released to work without restriction.

What Went Wrong

- The TSE line was identified during the walkdown, but the risk was underestimated because it was considered outside the work scope and there was no prior incident history.
- The primary access route was not used, which increased worker interaction with sensitive process equipment in a congested area.
- Harness straps and attached equipment were not fully controlled during movement.
- The TSE activation point was not protected or isolated.



Key Learning

Identifying a hazard isn't enough. You must also plan the controls and put them in place. Otherwise, incidents will happen.

When working in tight areas, think beyond the task. Pay attention to where your body and gear can move at all times.

What We're Changing

- Strengthening pre-task planning for congested work areas.
- Requiring evaluation of primary and alternative access paths.
- Establishing minimum approach distances for sensitive equipment.
- Evaluating temporary covers or barriers for TSE activation points.
- Increasing coordination with Operations during daily walkdowns.

What You Need to Do

- Look beyond the task and plan for full body and gear movement.
- Keep harness, lanyards, and tools tight and controlled.
- If a system is identified, make sure it is protected, not just flagged.
- Choose the safest access, not just the easiest option.
- Stop work if conditions don't match the plan.

Bottom Line

If it's congested, it's a risk.

If it can get snagged, it probably will.

Take the time to plan your movement, control your gear, and protect anything that could be triggered. Small contact can lead to big impacts.

Proper use of the **GIS LIFE Processes** can help to create a **FAIL-SAFE** Work Environment



SAFETY ALERT