

Brief Description of the Incident

- A coating crew was in the process of preheating a upstream weld. An adjacent crew removed a skid pile roughly 30 m away. This caused the pipe to shift, pinning the worker against the excavation wall.



Location of skid pile

Location of injured coating crew member

Consider and Discuss the Following Latencies

Supervisors

- When directing work are we ensuring our crews understand the hazards associated with the task?
- Are we fostering an questioning attitude with our employees so that they don't allow productivity pressures to inadvertently effect safety considerations?

Crew Members

- Do I communicate with adjacent crews who may be impacted by my work and vice versa?
- Before I start a new task do I take the time to properly assess the hazards?

Direct Causes

- **Failure to secure:** A significant section of pipe was left unsupported when the skid pile was removed
- **Failure to identify hazard:** The overbend that was present created a stored energy hazard that the crews did not recognize.

Underlying Causes and Contributing Factors

- **Improper attempt to save time:** Skid pile was removed by backfill crew in prep for backfill before coaters were finished with remaining weld.
- **Lack of knowledge:** Crew members failed to recognize that the removal of the skid would cause the pipe to shift.

Key Learning Points

1. Skid pile building and pipe securement are critical tasks. These tasks should be assigned to competent workers that have sufficient experience.
2. Stored energy hazards can be challenging to identify. Crew members should be coached so that they are not overlooked.
3. A crucial aspect of planning for safe production must include understanding and communicating how crews will impact one another through adjacent work activities.