

Lessons Learned



Date: 08/18/2020 Region: Denver

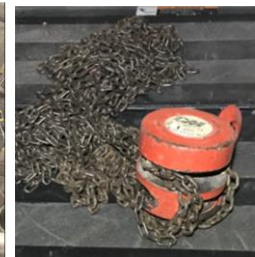
Project: DEN Concourse B West Expansion

Incident Title: Chain Fall Assembly Slips from Beam

Summary

Raising 10 sch 40 pipe from jack stands into basement ceiling, required 5 chain falls. 4 were attached to uncoated beams, and the 5th chain fall was attached to a beam with monokote on it.

Multiple pieces of fab had been raised to the hangers in the ceiling previously without incident. While operating 5 chain falls at the same time by 5 crew members and raising the pipe from the jack stands approximately 2", the chain fall/ beam clamp assembly that was attached to a beam with monokote slipped off beam. Luckily the employee only took a glancing blow to the arm and leg from the chain fall and did not require first aid.



What Went Right?

- Reported right away.
- CAZ was in place, PTP addressed elevated load & stay out of bad spots and from under loads.
- PPE was in use (gloves, glasses, hard hat)
- Crew communication worked; pipe lowered safely back to jacks.

What Went Wrong?

- PTP did not go far enough "into the weeds". Did not address verifying monokote removal to ensure complete contact of beam clamp to steel beam.
- Did not verify monokote removal.
- "Dry run" day prior, hazard was still missed.

Lessons Learned

- Just because similar tasks were completed without incident, doesn't mean all hazards were identified, eliminated or controlled. Don't get complacent, be diligent in the PTP process and following the steps to eliminate or control the hazard.
- Crews PTP "gets into the weeds"/ more specific, i.e. monokote removal down to steel so clamp seats properly and verification of this step is identified.
- Complacency and lack of verification can lead to something much worse than this lesson shared.