

Lessons Learned



— MECHANICAL CONTRACTORS —

Date: 11/26/2022

Region: Reno

Project: Redwood

Incident Title: Struck-by part of a Pipe Union

Summary

A Redwood Engineering Process Engineer was walking through the area under a scaffold when she was struck-by the center of a 1" metal pipe union. The union struck her in the hard hat and then in a finger. No injury reported.

An Apollo Family member, Andrew Parker, was disassembling a 1" metal pipe union when he dropped the center piece of the union. The pipe union bounced off the end of a scaffold pick, then fell through a gap 6" between the scaffold picks and struck the Redwood Engineer standing approximately 8 feet away from the gap.



What Went Right?

- No one was injured.
- The struck-by person was wearing the required PPE.



What Went Wrong?

The scaffold erectors did not follow the proper procedure for scaffold erection, nor did they pay attention to details when erecting the scaffold.

- Gaps > 1" were left between the scaffold picks.
- Toe boards were not installed at the ends of the scaffold picks.
- The daily inspections of the scaffold are not thorough enough to notice the OSHA violations listed above.

Apollo Family Members did not:

- Cover the gaps between the scaffold picks prior to commencing work.
- Hang barricade tape and signage below the scaffold.

Note: at times there is barricade tape hung such that it prevents one from entering or working in most areas.

Lessons Learned

- 1) Take the time required to complete a task. Do not hurry.
- 2) Prior to taking over an area from another contractor, the Safety professionals shall facilitate a safety inspection.
- 3) Apollo family members shall inspect the area they are about to work in. Note & mitigate hazards in the area and within the process. Listing hazards on the PTP is only part of the plan to remain safe.
- 4) If it does not look safe, it probably is not. Ask questions about the environment you are about to work in. Install barricades as necessary.