

OH Schit...



— MECHANICAL CONTRACTORS —

Date: 01/06/2023

Division/Project: Reno / Redwood Site – Hydromet Building

Title: Near Miss Scaffold Pipe



What the *#\$\$!?

Two Apollo Family members were working on the lithium upper deck in the Hydromet Building on the Redwood Site when a scaffold pipe was dropped. The 30" pipe weighting approximately 10 lbs. nearly struck the Apollo Family members.

The Family members each completed a witness statement. The near miss was reported to Samuel Engineering and a building wide stand down was conducted at 12:30 p.m.

No one took ownership of the near miss.

Lady Luck highlights of what went right

- No one was injured.
- The frequency rate of the same two Apollo Family members being involved in two (2) near miss incidents one day apart is very low. The severity rate of these incident is very high.

The Oops!

On Thursday January 5, 2023, the fire sprinkler crew dropped a 2" T pipe from ceiling height that nearly struck the same two Apollo Family members. That near miss was not reported. Reporting the near miss on the 5th may have prevented the near miss on the 6th.

On Friday January 6, 2023, the scaffold pipe incident occurred nearly striking the same two Apollo Family members.

The probability of another large metal object being dropped from height is ever increasing as is the probability of someone being struck-by the object.

Heinrich's theory suggests that unless change is implemented, the site will suffer a Lost Time / Serious Injury or a Fatality.

Hanging Danger Tape & not identifying the hazard with signage on all four (4) sides and not identifying who owns the barricaded area is not just a violation of OSHA regulations, it is a lack of knowledge &/or respect for fellow workers.

Did we get that on film?

Heinrich's Triangle Theory



Would of, Could of, Should of

- This incident could have resulted in a fatality.
- Two similar incidents in two days is more than bad luck.
- The root cause of these incidents are 1) Failure to respect / notify personnel that you are working above them. 2) Failure to plan the work such that working above or below someone is eliminated.
- As indicated in Tap-Root Analysis, 80% of the root cause is management. Tap-Root Analysis is used to improve performance by analyzing and fixing problems to prevent major accidents, quality issues, equipment failures, environmental damage, and production issues.