

Lessons Learned



— MECHANICAL CONTRACTORS —

Date: 11/10/2021

Region: Seattle

Project: Microsoft

Incident Title: Faulty Hanger Tree

Summary

A forklift was used to unload the hanger tree and picked the load from the top. This caused a failure at the weld location. A considerable amount of the welds showed a lack of penetration and appeared to be surface level bonds.



What Went Wrong?

- Welding conditions not conducive to quality fusion
- Insufficient QC of welds prior to arriving on site
- Inadequate/lack of pick points

What Went Right?

- No injuries
- No trade damage

Lessons Learned

- Utilize apple crates or basket carts that are engineered to support the intended load
- Hanger cart prototype will be crane compatible and specifically engineered with pick points
- Welds to be inspected by a competent person and identify/remove deficient items prior to delivery