



IUEC INCIDENT SUMMARY

CLOSE CALLS, NEAR MISSES AND INJURIES

“CLOSE CALL”



Description of Incident

Control Type: Fraco Sch-650

Machine Type: Rack and Pinion

Speed: 200 FPM

Capacity: 6000

Rise: 2 Stop 120 Feet to 5 stops 700 feet.

Hoistway Outside Personnel Hoist attached to Bridge Tower.

- Two mechanics were continuing the installation of a Personnel Hoist attached to the outside of a bridge. The mechanics were preparing to jump the hoist.
- One of the mechanics was working on the hoist tower above the cab and the other mechanic was working inside of the hoist cab.
- While the mechanics were working on the installation, the Tower Crane was moving a load and struck the the tower of the Personnel Hoist. The mechanic working on the tower for the hoist was knocked off and landed a short distance below on top of the cab. The mechanic working in the cab was knocked down.
- Their initial reaction was that the Tower was coming down.
- Both mechanics luckily escaped the incident without any injuries.
- The mechanics inspected the tower and bracing before they continued their work.



Recommendations and Lessons Learned



- Always complete a JHA/JSA as per company policy.
- Establish communications between the tower crane and hoist personnel for future picks.
- FESHB Section 12.3 Hoisting and rigging.
 - (ai) Clear communications are required. All verbal commands shall be repeated by the receiving party and reconfirmed by the directing party.
 - (af) Never attempt to make a lift or move equipment when anyone is in a position to be injured should the load shift or fall.
 - (c) Elevator personnel must be aware of all hoisting being done in or around their work area. Always take necessary safety precautions.
 - (e) Elevator personnel shall avoid areas where other trades are hoisting.
- ANSI/ASSP A10.4 2016 and earlier editions
 - 5.4.9 – Live loads shall not be hoisted or swung over an occupied personnel hoist.