



IUEC INCIDENT SUMMARY

CLOSE CALLS, INJURY

"FALL"

April 28th 2023---IUEC Safety Stand Down Day



Description of Incident

Control Type: Electric

Machine Type: Hydraulic

Speed: 150 FPM

Capacity: 2500 Lbs

Rise: 2 Stop

Hoistway Configuration: Simplex

- A modernization crew was replacing the casings and pistons on a hole-less hydraulic elevator.
- The mechanic started to climb down the pit ladder to work in the pit.
- As he stepped on the ladder his feet slipped off the rungs and he fell 4 feet into the pit. He landed on the sides of his feet which caused him to roll his ankles and fall to the pit floor.
- The fall resulted in 2 broken ankles and a broken tibia and fibula in his left leg.

Current Status:

The mechanic has undergone 2 surgeries and will be moved to a rehab center. He may need additional surgeries.

Possible root causes:

- Oil on the soles of his boots from the pit floor may have contributed to the fall.
- After the incident they noticed there was a loose Hilti bolt on the top right side of the ladder that had pulled out of the wall.



Recommendations and Lessons Learned

- Always follow the company safety policy
- Always perform a JHA/JSA as per company policy
- Always follow the MCP
- Field Employees' Safety Handbook
 - Section 1.2 Additional Safety Responsibilities of the Mechanic/Mechanic-in-Charge
 - (b) Ensure that all equipment, work areas, and access to work areas where Elevator Company work is performed are inspected for any unsafe conditions which could cause injuries or property damage before commencement of work.
 - (c) Take steps to correct all unsafe conditions or practices that are under the control of the Company.
 - R – Recognize Hazards
 - E – Evaluate Hazards
 - C – Control Hazards
 - Section 8.2.4 Safety precautions when working in pits:
 - (f) Always check your shoes for oil/grease prior to climbing.
 - (g) Use both hands when using ladders entering or exiting the pit.

