



# IUEC INCIDENT SUMMARY

CLOSE CALLS, INJURY

“INJURY”

April 28<sup>th</sup> 2023---IUEC Safety Stand Down Day



# Description of Incident

Control Type: Electric

Machine Type: Traction

Speed: 350 FPM

Capacity: 6500 LBS.

Rise: 6 Stop

Hoistway Configuration: Simplex



- A construction crew was in the process of installing a freight elevator.
- The mechanic was on an extension ladder exiting the pit approximately 7 feet above the ground.
- The feet of the ladder slid on the dirt on the pit floor.
- The mechanic fell with the ladder and landed on his feet between the rungs of the ladder in the pit.
- The ladder continued to slide, striking his lower leg causing his knee to hyper-extend.
- Current Status:
  - The mechanic is on light duty. He received his MRI results, it revealed that he has a torn ACL and MCL in his knee that will require surgery.



# Recommendations and Lessons Learned

- Always follow the company safety policy
- Always perform a JHA/JSA as per company policy

## **Field Employees' Safety Handbook**

### **Section 4 Fall Protection**

#### General requirements

Fall protection is required when a worker is exposed to a fall hazard (working more than 6ft. (1.8 m) above a lower level and an opening more than 12in. By 12 in. (305 mm by 305 mm) and the work activity is within 6ft. of the opening.

There are three ways of controlling fall hazards. Elimination of the fall hazard should be the first consideration. The second consideration is a guard rail system, and the third is a personal fall arrest system.

### **Section 10.2 Portable ladders**

(K) When ladders are used for ascending or descending from one level to another, extend the ladder top at least 3 Ft (914 mm) above the landing served and tie it off, with the feet secured against slippage.

