



IUEC INCIDENT SUMMARY

CLOSE CALLS & INJURIES

CLOSE CALL

NOVEMBER 29, 2023



Description of Incident

Control Type: Electric

Machine Type: Hydraulic

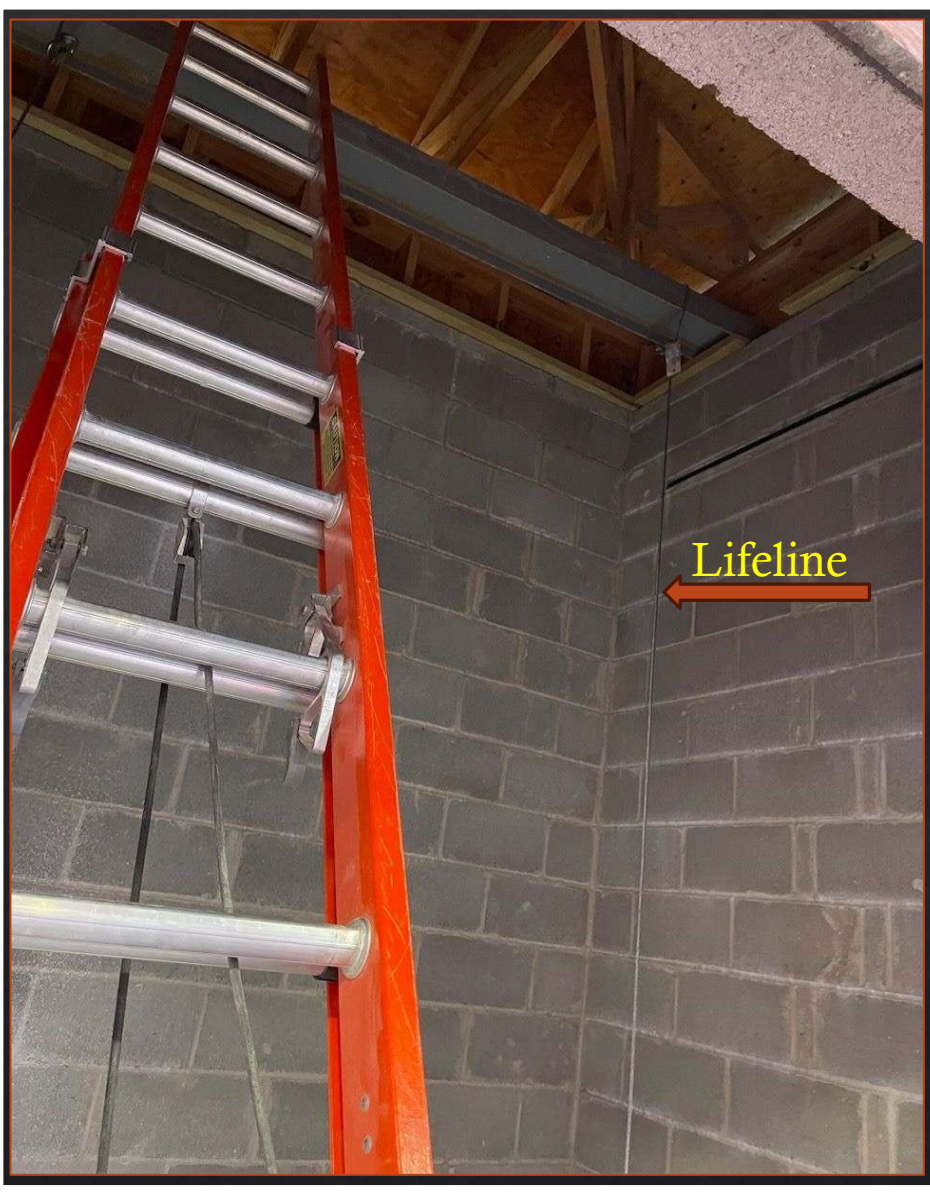
Speed: 150 ft/min

Capacity: 3,500 lb.

Rise: 4 Floors

Hoistway Configuration: Simplex

JHA/JSA Completed: No



- A mechanic and an apprentice were on a new construction site installing a hydraulic elevator.
- The apprentice was climbing up an extension ladder to attach a beam clamp to start hanging the rigging. He was tied off as per the company safety policy.
- When the apprentice was halfway up the ladder, the beam that the ladder was resting on flipped over on its side. The apprentice yelled for the mechanic who ran up 4 flights of stairs to help the apprentice off the ladder. Luckily he was not hurt.
- The company policy to visually inspect the hoisting beam welds on the beam was not followed.
- The investigation revealed the beam was not in a pocket and was just sitting on concrete block. The General Contractor told the mechanic the beam was welded as in the other hoistway located at the other end of the building.
- The iron workers said the GC knew they had not welded the beam in place because the GC could not supply a lift at that time.

Current Status:

The team was pulled off the job until 12/7/2023 when the beam was properly secured. An anchor plate was installed, and the beam was welded to the plate.



Recommendations & Lessons Learned

- Always follow the company safety policy
- Always perform a JHA/JSA as per company policy
- Review and consider updating standard work process for beam installation, lifeline anchorage and hoisting anchorage points

Possible Root Causes:

- Overhead beam was not properly installed and secured
- Miscommunication between the General Contractor, Iron Workers and the Elevator Company

Field Employees' Safety Handbook

Section 12 – Material Handling

12.3 Hoisting and Rigging

(f) Before making the first hoist, and at the start of each day thereafter, when the hoist is to be used, the rigging, overhead supports, blocking, etc., shall be inspected by the mechanic/MIC. The hoist shall be inspected visually prior to each use. It shall be tested by raising the load several inches and holding it there prior to making an actual lift.

