



# IUEC INCIDENT SUMMARY

CLOSE CALLS & INJURIES

CLOSE CALL

FEBRUARY 28, 2024



## Description of Incident

Control Type: Electric

Machine Type: Hydraulic

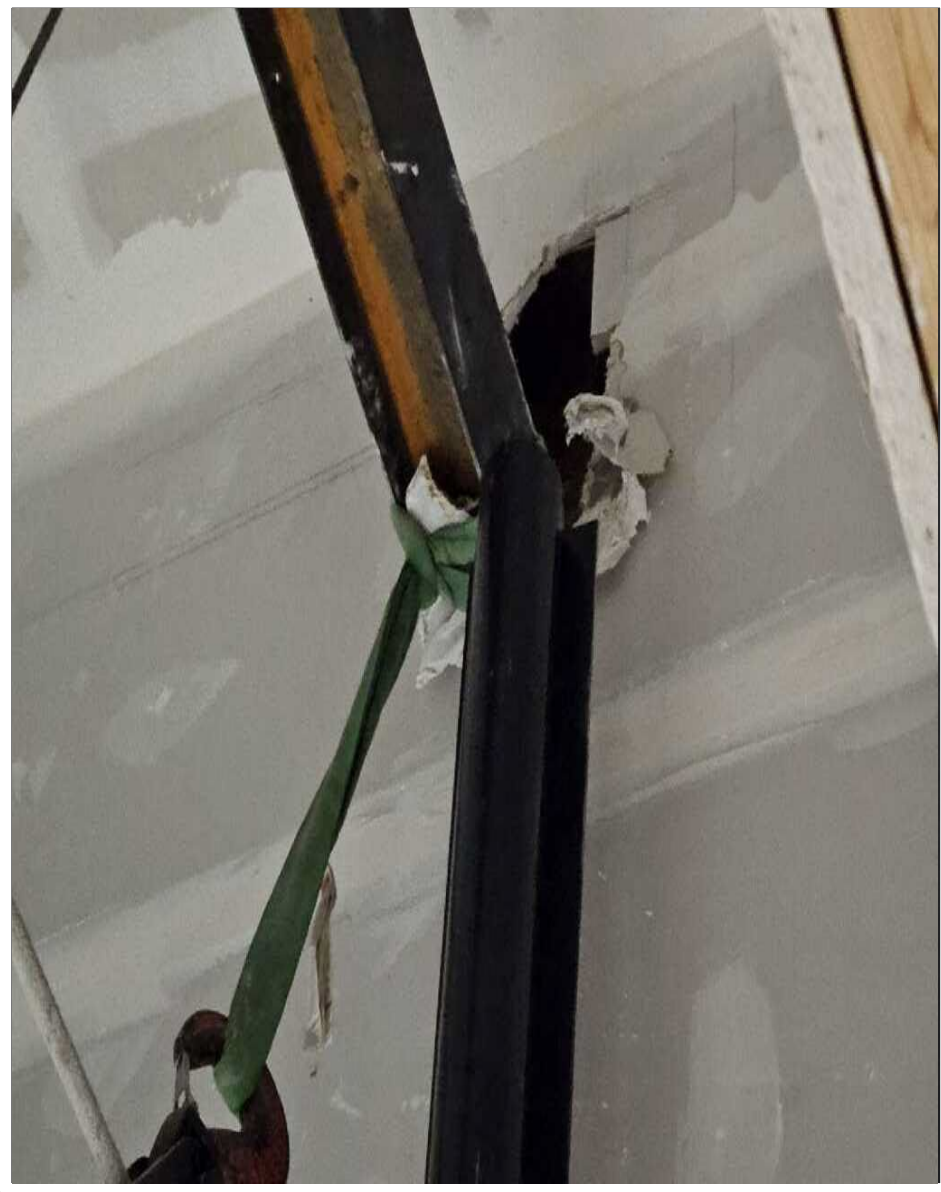
Speed: 200 ft/min

Capacity: 3,500 lbs.

Rise: 3 stop

Hoistway Configuration: Simplex

JHA/JSA Completed: Yes



- A construction crew was in the process of installing a hydraulic elevator. The car sling and pit equipment was installed, and they were using the running platform to install guide rails. As they were hoisting the 12 ½ foot top out rails, the single beam used for hoisting and lifeline anchorage rolled off its supports.
- The hoisting beam and rail fell approximately 1½ feet and came to rest on 2 metal studs that were inside the drywall of the hoistway. The mechanic was standing on the crosshead 6 feet under the beam and was not injured. The crew was able to secure the top out rail and run the car out of the way.
- The beam attachment was not inspected prior to first use because the drywall around the beam had already been installed and the attachment point was not visible. They notified the GC and their superintendent, then went home for the remainder of the day.

### Current Status:

The installation crew was back on the job the next day after the contractor reset the beam and installed the proper fasteners.

The company is in the process of removing the drywall to inspect the beam attachment of the six other cars onsite.



## Recommendations & Lessons Learned

- Always follow the company safety policy
- Always perform a JHA/JSA as per company policy
- Always verify proper anchorage of the hoisting beam

### Possible Root Causes:

- The hoisting beam was not properly secured
- The rigging leadoff was much shorter at the top of the hoistway changing the rigging angle.

### Field Employee's 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 before each use. It shall be tested by raising the load several inches and holding it there prior to making an actual lift.

