



IUEC INCIDENT SUMMARY

CLOSE CALLS & INJURIES

“INJURY”

NOVEMBER 8, 2023



Description of Incident

Control Type: Electric

Machine Type: Hydraulic

Speed: 150 ft/min

Capacity: 3,500 lb.

Rise: 3 Floors

Hoistway Configuration: Simplex

JHA/JSA Completed: Yes



- A mechanic and an apprentice had just completed setting a 2-stage jack into the hoistway. The mechanic was removing the bracket that secures the two pistons to the jack head.
- The mechanic was unaware the cardboard sleeve that holds the bottom piston was compromised, it was soaked with hydraulic oil and lost its rigidity.
- As the mechanic was removing the second bolt from the jack head, the pistons dropped and the bracket failed, striking his hand.

Current Status:

The mechanic had some swelling and bruises. His hand was X-rayed at an Urgent Care Center. He was given an ice pack and released for work with no restrictions.



Recommendations & Lessons Learned

- Always follow the company safety policy
- Always perform a JHA/JSA as per company policy
- Always follow the manufacturers installation procedures.

Possible Root Causes:

After discussing the process with regional operations and safety managers, it was determined that all safety and installation procedures were followed. Moving forward, inspection of the cardboard sleeve for oil contamination or other damage will be required and the top bolt holding the piston will be taken out first so the load will be removed from the bracket.

Field Employees' Safety Handbook

Section 1 General Safety

1.2 Additional Safety Responsibilities of the Mechanic/Mechanic-in-Charge

The Mechanic/Mechanic-In-Charge is the principal interface with Company Management to ensure that the work is performed in accordance with the company safety policy. In fulfilling this responsibility, the Mechanic/Mechanic-In-Charge shall take all practical steps to be sure that the work is performed with due regard for safety. Unsafe acts, unsafe conditions, accidents or injuries should be reported to a Superintendent or other member of management immediately

