



IUEC INCIDENT SUMMARY

CLOSE CALLS & INJURIES

INJURY

NOVEMBER 30, 2023

Warning – Contains Graphic Image



Description of Incident

Control Type: Electric

Machine Type: Geared Traction

Speed: 400 ft/min

Capacity: 3,500 lbs.

Rise: 180 Feet

Hoistway Configuration: 3 Car Group

JHA/JSA Completed: Yes, verbal

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- Two teams consisting of three mechanics and an apprentice were working on a 6-car modernization job in an office building
 - After the crews discussed their rigging plan, they began removing the old equipment from the machine room
 - They were moving a sheave and ring gear from the machine room to the roof using a chain fall and a strap. One mechanic was holding the back of the sheave when the load shifted and rolled over, catching his hand in the strap and injuring his finger.
 - He went to the ER for x-rays and was administered IV antibiotics and given morphine for pain

Current Status:

The mechanic is healing at home after surgery to repair his hand



Recommendations & Lessons Learned

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

Possible Root Causes:

- Verbal rigging plan not adequate
- Not having control of the load

Field Employees' Safety Handbook

Section 12 Material Handling

Figure 12n THE BASIC RIGGING PLAN

1. Who is responsible (competent) for the rigging? Communication established?
2. Is the equipment in acceptable condition? Appropriate type, Proper identification?
3. Are the working load limits adequate? Capacity of the gear known? What is the weight of the load? Where is the center of gravity? What is the sling angle? Will there be any angular or side loading? Are the slings padded against sharp corners?
4. Will the load be under control? Is the load rigged to the center of gravity? Is the hitch appropriate? Tag line needed? Is there any possibility of fouling? Clear of personnel?
5. Are there any unusual loading or environmental conditions? Wind, Temperature, other?
6. Special requirements?

