

Safety Alert

Close Call

IUEC Safety Alerts

Incident Info

Control Type: Electric

Machine Type:
Gearless

Speed: 850 FPM

Capacity: 5,000 lbs.

Rise: 21 Stops

Hoistway
Configuration:

3 Car Bank

Incident Type

Close Call

Recommendations & Lessons Learned

Always follow company safety policy. Always perform a JHA/JSA.
Continued...



Description of Incident

Control Type: Electric

Speed: 850 FPM

Machine Type: Gearless

Capacity: 5,000 lbs.

Rise: 21 Stops

Hoistway Configuration: 3 Car Bank

- A construction team was preparing to install a traveling cable from the 21st floor.
- The traveling cable spool and reel stands were on the running platform, ready to run down. At this time, the team noticed that the traveling cable was going to reel off incorrectly.
- They lowered the travel cable spool down from the reel stands and began to spin the traveling cable to the correct position while they were on the running platform.
- As they were repositioning the cable spool, one of the reel stands was knocked over and fell down the hoistway 21 floors.

Current Status:

There were no injuries, the team was using fall protection correctly, and proper PPE was worn by all members involved. As the reel stand fell down the hoistway it damaged a rail bracket and a comp rope.

Recommendations & Lessons Learned

Always follow the company safety policy

Always perform a JHA/JSA per company policy

Potential hazards associated with rotating the traveling cable spool on the running platform at the 21st floor must be considered.

The team should have rolled the spool off the running platform, rotated the spool at the landing, and then rolled it back onto the running platform.

Field Employees' Safety Handbook

11.1 Running Platforms

(c) Fall protection should always be utilized – However, if a personal fall protection system is not utilized, the running platform shall be equipped with guard rails and toeboards. The front of the platform shall be equipped with removable guardrails until the front of the hoistway is completely enclosed.

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Safety**



Safety Alert

Injury

IUEC Safety Alerts

Incident Info

Control Type: Electric

Machine Type:
Geared

Speed: 200 FPM

Capacity: 5,000 lbs.

Rise: 10 Stops

Hoistway
Configuration:

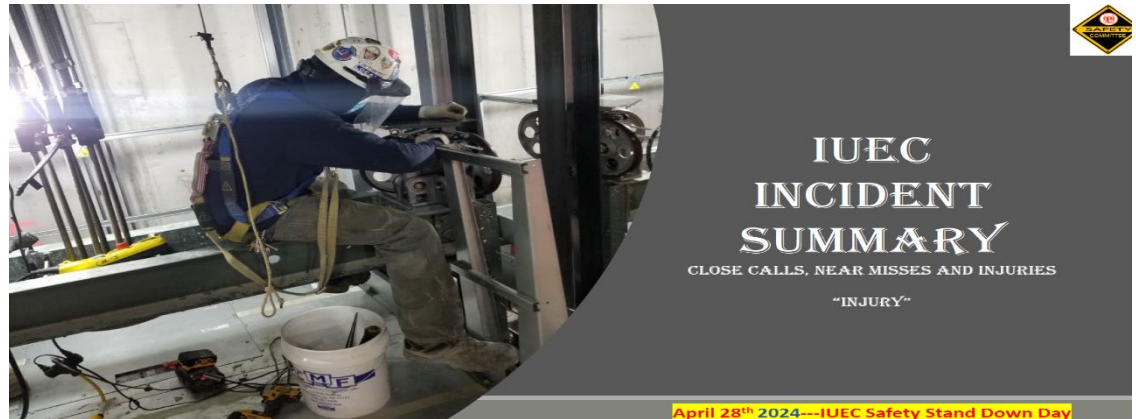
Simplex

Incident Type

Injury

Recommendations & Lessons Learned

Always follow company safety policy. Always perform a JHA/JSA.



Description of Incident

Control Type: Electric

Speed: 200 FPM

Machine Type: Geared

Capacity: 5,000 lbs.

Rise: 10 Stops

Hoistway Configuration: Simplex

- Two mechanics were working at a sugar refinery on a 5,000lb production passenger car that had a door lock problem at the 4th floor.
- One mechanic stayed at the 4th floor holding the doors open and the other mechanic went to access the car top from the 5th floor. The floors are 15 to 20 feet apart. To gain access to the car top, the mechanic had to climb across the counterweight spreader bracket and down the doghouse to access the car top to put the car on inspection. The mechanic had done this many times before while working alone.
- As the mechanic was climbing down to the car top, he yelled to the other mechanic; “don’t let the doors close whatever you do”. The plant was very noisy and the mechanic on the 4th floor thought he said let the doors close.
- When the doors closed, the car ran up forcing the mechanic climbing down to lean in-between the counterweight rails to gain enough clearance for the car to run past him. As he did this, he felt the counterweight on his shoulder, so he jumped to the governor rope and slid down the rope approximately 100 feet to the pit floor.

Current Status:

The mechanic sustained cuts, bruises and rope burns on his hands and stomach. He tore his ACL, MCL, and meniscus and dislocated his left knee. A specialist recommends a full knee replacement.

Recommendations & Lessons Learned

Always follow the company safety policy

Always perform a JHA/JSA per company policy

Possible Root Causes

A JHA was not performed.

Hazardous Top-of-Car Access/Egress Procedure.

Lock out tag out was not performed.

Poor communication between the mechanics.

Field Employees' Safety Handbook

Section 1 GENERAL SAFETY

1.1 Employee responsibilities

(h) When unexpected movement of the equipment presents a safety hazard while performing tasks on any parts of that move, the equipment shall be made inoperative by use of lockout and tagout. See Lockout and Tagout Procedure, Section 7.

Section 7 LOCKOUT AND TAGOUT

7.1 Procedures

(b) Where the accidental starting of the equipment would create a hazard – deactivate main line disconnect switch to shut off the power. CAUTION: Do not stand directly in front of the mainline disconnect when operating (stand off to the side of the disconnect). Each employee shall apply to the disconnect switch a personal lock and a “Do Not Start” tag with the employee’s name (Section 5.3).



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