



IUEC INCIDENT SUMMARY

CLOSE CALLS, NEAR MISSES & INJURIES

“INJURY”



Incident Report

Control Type: Electric

Machine Type: Rack and Pinion Hoist

Speed: 196 fpm

Capacity: 6000 Lbs

Rise: 34 Stop 400 Ft.

Hoistway Configuration: 2 Construction Personnel Hoists

- Two mechanics were in the process of decommissioning two construction personnel hoists on the outside of a building.
- The mechanics were in the process of dismantling the landing platforms at the third floor. One of the mechanics brought the south car to the bottom landing using top of car inspection operation.
- After reaching the bottom landing, the mechanic tried to re-enter the car using a ladder through the car top emergency access opening. As he was climbing down the ladder, the ladder failed. When he tried to grab the car top guardrail to stop his fall, his elbow impacted the car top and his shoulder took the full force of the fall.
- The mechanic was hanging by his arm until another crew gained access to the car and assisted him.
- The mechanic suffered a dislocated shoulder, abrasions to his leg and is being treated for suspected damage to his shoulder area.





Recommendations and Lessons Learned



- Always follow the company safety policy.
- Always perform a JHA/JSA per company policy.
- Possible root causes:
 - The retaining pins were missing from the top of car access ladder provided by the hoist manufacturer.
- 1910 OSHA GENERAL INDUSTRY REGULATIONS
 - General requirements for all ladders. The employer must ensure: [1910.23(b)]
 - Any ladder with structural damage or other defects is immediately tagged “Dangerous: Do Not Use” or with similar language in accordance with 1910.145 and removed from service until repaired in accordance with 1910.22(d) or replaced. [1910.23(b)(10)]
- OSH ACT of 1970 General Duty Clause Section 5. Duties (a) Each employer
 - (1) shall furnish to each of his employees' employment and a place of employment which are free from recognized hazards that are causing or likely to cause death or serious physical harm to his employees;
 - (2) shall comply with occupational safety and health standards promulgated under this Act.
- (b) Each employee shall comply with occupational safety and health standards and all rules, regulations, and orders issued pursuant to this Act which are applicable to his own actions and conduct.