



IUEC INCIDENT SUMMARY

CLOSE CALLS, NEAR MISSES AND INJURIES

“NEAR MISS”



Description of Incident

Control Type: KDL165

Machine Type: MX14 Traction

Speed: 150 fpm

Capacity: 3500 lbs.

Rise: 4 Floors

Hoistway Configuration: Duplex



- A crew was hoisting the platform with a Tractel Minifor Portable Hoist. The platform was being hoisted vertically.
- About 1 inch from landing the platform, the Minifor Hoist suddenly dropped, engaging the wire rope safety sling and landed the platform abruptly.
- The platform was held vertically against the stile until the mechanic could exit the hoistway. Upon removal of the Minifor Hoist and rigging, they noticed the mouse on the hook attached to the Minifor Hoist was jarred to one side and the thimble attached to the hoist sling was crimped and twisted.
- The Minifor Hoist was removed from service and the supervisor was notified.
- With approval of the supervisor, the rigging set up was changed. The mouse on the Minifor Hoist was repaired and the hoist is now hanging from the hoisting beam (anchorage) using a two-legged bridle with wire rope slings and thimbles attached to a master link. 1 leg to hang the Minifor Hoist and 1 leg to serve as a safety sling.
- The sling of the two-legged bridle is attached to the Minifor Hoist with a Shur-Loc Swivel Hook.



Recommendations & Lessons Learned



- Always follow the company Safety Policy
- Always perform a JHA/JSA per company policy
- Always follow manufactures recommendations for proper use of rigging equipment.
- CFR 1926.251(a)(1) – Requires: “ Rigging equipment for material handling shall be inspected prior to use on each shift and as necessary during its use to ensure that it is safe. Defective rigging equipment shall be removed from service.”
- CFR 1926.251(6) Inspections. Each day before being used, the sling and all fastenings and attachments shall be inspected for damage or defects by a competent person designated by the employer. Additional inspections shall be performed during sling use, where service conditions warrant. Damaged or defective slings shall be immediately removed from service.
- OHS CA Material Handling. Employers are responsible for protecting workers from material handling hazards including:
 - Poorly maintained lifting devices
 - Exceeded load limits on lifting devices
 - Lifting, lowering, pushing, pulling or carrying loads
 - that are too heavy or done too repetitively