



IUEC INCIDENT SUMMARY

CLOSE CALLS, NEAR MISSES AND INJURIES
STRUCK BY INJURY

“INJURY”



Description of Incident

Control Type: DCS

Machine Type: Gearless

Speed: 700 ft/min

Capacity: 3500 lbs.

Rise: 16 Floors

Hoistway Configuration: multiple cars



- A mechanic and an apprentice were hanging 4X4 duct on the side of the car for the traveler to pass through to the car top box.
- The manufacturer of the duct work is Draka.
- During the installation of the duct work, the spot welds broke which caused the duct to shift and fall while the Apprentice was holding it in place.
- When the duct fell it caused severe wrist lacerations down to the bone, severed tendons, veins and arteries, and fractured his wrist. The apprentice is currently recovering from surgery.
- The picture on the left shows the repairs to the duct work.
- As you can see, the repairs made on the job show that the duct is now drilled and through bolted to eliminate or reinforce the spot welds.



Recommendations & Lessons Learned



- Always follow the company Safety Policy.
- Always perform a JHA/JSA per company policy.
- Inspect all spot welds and if necessary, drill and through bolt them to hold the sections together.
- The General Duty Clause of the OSH ACT of 1970 is Section 5(a)(1) requirements:
 - Each employer shall furnish to each of his/her employees' employment and a place of employment which are free of hazards that are causing or are likely to cause death or serious physical harm to his/her employees'.