

Incident Review

Did You Know?

ESA reviews and reports on electrical incidents that occur. We have highlighted two of these incidents below.

Incident #1 - Lighting New Hire

Summary:

An electrical contractor received an electric shock, fell off a ladder and sustained fatal injury while he was installing a new lighting circuit in the ceiling. The worker, who was a new hire to an electrical contractor company was not a licensed electrician and was working on energized equipment at the time of the incident.



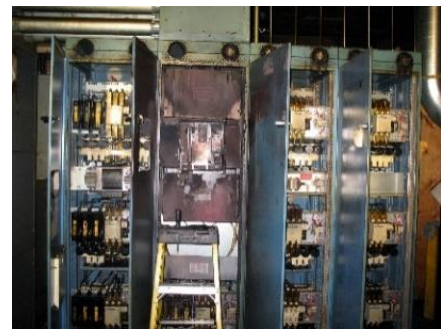
Causal Factors:

- Worker unauthorized to perform the work
- Working on energized equipment
- Lack of PPE
- No safety policies or procedures for performing this work

Incident #2 - Capacitor Fan Replacement

Summary:

A new hire electrician suffered severe burns due to an arc flash incident. The worker, who was unauthorized to perform work yet, was replacing cooling fans in a capacitor bank when a fan the worker was removing fell and came into contact with energized equipment.



Causal Factors:

- Arc flash analysis did not include this equipment
- Miscommunication between the supervisor and workers
- Victim was unauthorized to perform the work
- Hazard assessment failed to identify the existing hazard
- LOTO policy was not followed



Do you have a topic or feedback you would like to share with us!
Send your suggestions to: esa.communications@electricalsafety.on.ca