



H S E

HEALTH SAFETY ENVIRONMENTAL



Alert #: SA 3-19

Date: 03/04/19

WORKING WITH LIVE WIRE IN WORK AREA

While installing a metal header stud for a window frame on the southwest side of the building during a construction project. The crew made contact with a chaffed hot wire in the area they were working on. The wire was a feed line for an emergency exit light that was removed two weeks prior. The employee nearest to the wire jumped off a ladder to remove himself out of harm's way. No one was injured. All work was stopped and a safety stand down was initiated. An Electrician was called over to terminated and removed the wire.

Southwest interior wall of building.



Chaffed / Exposed Wire



Not Wearing Proper PPE



SAFETY ALERT

Error Precursors/Corrective Actions

(1) Unclear Goals and Roles - Hazard ID LAW was not completed

Why – Task leader was not trained in the LIFE Process

Corrective Action - LIFE Representative conducted training in the LIFE Processes with entire crew

(2) Inaccurate Risk Perception – Electrical Hazard was identified but not isolated

Why - Electricians removed an existing emergency EXIT sign and placed wire nuts on exposed ends

Corrective Action -

EBI 4.1 HEC Hazardous Energy Control- When working around electrical energy sources (wires), ensure device is isolated and verify LOTO

(3) Adherence to Rules - Gloves were not being used, although it was identified on the JSEA

Why- PPE was listed on JSEA, but gloves were not specifically identified

Corrective Actions -

EBI 5.6 Protecting Hands - When working with sharp objects, use gloves to protect from laceration