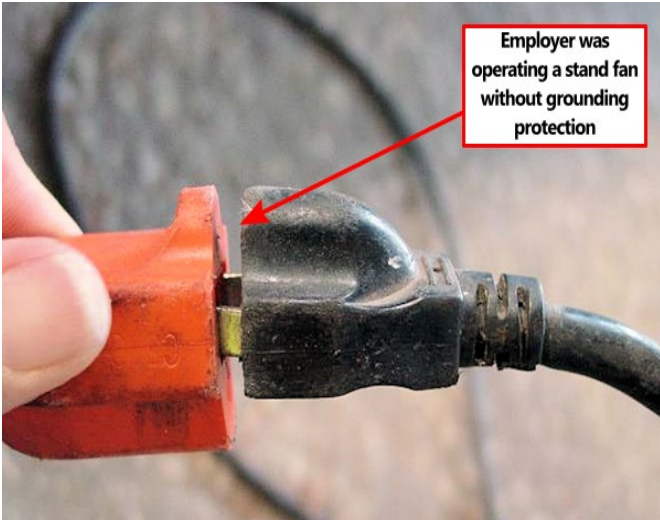


# “JOBSITE SAFETY” ~ ILLUSTRATED SERIES

AN OCCUPATIONAL SAFETY & HEALTH TRAINING SERIES FOR HIGH HAZARD INDUSTRIES

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## ELECTRICAL HAZARDS

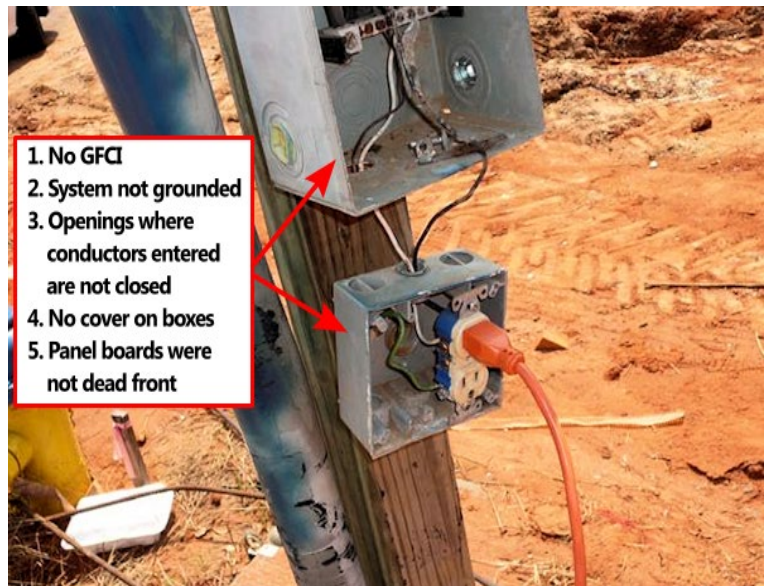


Electricity has long been recognized as a serious workplace hazard. OSHA's electrical standards are designed to protect employees exposed to dangers such as electric shock, electrocution, fires, and explosions.

Electrocution is the 3<sup>rd</sup> leading cause of worker-related death for construction workers.

### Controlling Top Hazards:

- Check your cords and plugs; a torn jacket, exposed wire at the plug or missing a “ground” pin are quick checks to ensure that the cord is in good working condition.
- Do not overload circuits.
- De-energize circuits; use effective lockout-tagout procedures.
- Stay clear of overhead wires.



- Extension cords should be placed where they will not get damaged.
- Test all circuits to ensure the absence of voltage with the proper meter.
- Close electrical panels: never leave an open panel so that unqualified persons have access.
- Temporary lighting should be elevated and included protective cages around the bulbs.
- Stay dry; wet conditions, standing in water, wearing wet clothing, working in high humidity, and perspiring can increase electrocution risk.