

Electricity is a very useful tool, but it can also be very dangerous.

Caution and respect must always be applied when working with any hazardous form of energy.

Portable power tools: On construction sites, portable power tools with defective cords cause many dangerous shock injuries.

The following practices are recommended to help you avoid accidents:

- Use tools with a three-wire plug, and make sure connections are tight and the grounding prong is in place
- Check tools, equipment, and cables frequently for safe condition
- Ensure flexible cords are not frayed or damaged
- Unplug power tools before making adjustments or repairs
- On all construction sites utilize ground fault circuit interrupters

Temporary Electrical Installations:

Only skilled electricians should be allowed to perform any kind of electrical work.

Supervisors have the responsibility of ensuring that electricians are provided with, and use, proper protective equipment.

The following are suggestions for the safe installation and use of temporary electrical systems:

- Do not overload circuits
- Use appropriate current carrying capacity
- All circuits must be fused, or circuit breakers installed or give adequate protection
- All circuits must be properly grounded
- All temporary cords must be protected from traffic
- Temporary wiring shall not be hung over nails, rebar, or other metal objects
- Do not repair outer sheathing with electrical or duct tape
- Frequent inspections should be made of all temporary wiring to ensure they are in safe condition
- If a circuit is de-energized for any reason, tag and lock out of service. Remove tag and lock when circuit can be safely returned to service.

KNOW THE HAZARDS OF ELECTRICITY

Check out our 4-minute electrical safety video

<https://www.youtube.com/watch?v=IEqow3WIJTk>

*Your knowledge will help preventing
injuries and death.*