

Electrical hazards are an area of major safety concerns in construction and account for a large number of injuries and fatalities.

Never take electricity for granted! No matter how small the job, always use safe work practices such as:

- ✓ Pay attention to Electrical Danger and Warning signs around the job site.
- ✓ Use properly insulated tools if working with electricity.
- ✓ Wear the right type of gloves or other personal protective equipment when working with electricity.
- ✓ Notify managers of electrical hazards when found.
- ✓ Don't work on electrical equipment unless you have been trained, are qualified, and equipped!

OSHA Standard 1926.416(a)(1) states that *no employer shall permit an employee to work in such proximity to any part of an electric power circuit that the employee could contact the electric power circuit in the course of work, unless the employee is protected against electric shock by deenergizing the circuit and grounding it or by guarding it effectively by insulation or other means.*

- Always determine where possible energized or “hot” electrical lines and parts are before work.
- Never work around energized lines, dig where buried lines are located, or touch “hot” electrical parts without proper protection and training.
- Use insulated gloves that are designed, tested, inspected and rated for electrical work and for the correct voltage.

OSHA Standard 1926.416(a)(2) *In work areas where the exact location of underground electric powerlines is unknown, employees using jack-hammers, bars, or other hand tools which may contact a line shall be provided with insulated protective gloves.*

- Avoid contact with exposed electrical parts and report electrical hazards immediately.

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