

GENERAL ELECTRICAL SAFETY

TOOLBOX TALK SERIES — ELECTRICAL SAFETY

September 2022

Electrical hazards in the workplace present such a serious hazard that OSHA designated electrical hazards as part of their Focus Four campaign. This campaign was designed to address the four hazards responsible for the majority of workplace fatalities.

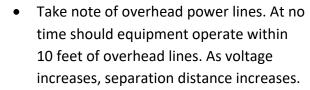
Ground Fault Circuit Interrupters

These devices are designed to sense leakage of current to ground. When detected they can "interrupt" current flow within a 1/40th of a second. When an individual becomes the path to ground this can stop the flow of current before an individual can be injured. GFCIs should be utilized when there is a risk of live current being grounded through an individual.



Jobsite Considerations

To minimize the risk of electrocution on the jobsite remember the following points:



- Treat all electrical lines and equipment as live. Contact the electrical utility in the event of down lines or damaged equipment.
- The likelihood of electrocution increases under wet conditions. Avoid using electrical equipment when wet or in wet areas.
- Inspect all electrical equipment including tools prior to use. Do not use the equipment if damaged.

