

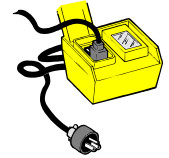


SAFETY INCENTIVE PROGRAM
950 Keynote Circle, Suite 10
Cleveland, Ohio 44131-1802
Telephone (216) 398-9860

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SIP TIP: Avoiding Electrical Accidents

Each year, hundreds of workers are killed by ground faults. Small short circuits in electrical devices or wiring. Protecting yourself is easily done with the use of a ground-fault interrupter (GFCI). A GFCI is a device designed to protect you from such electrical hazards and has reduced the number of electrocutions dramatically. A GFCI is a fast-acting breaker designed to shut off power if a ground fault occurs. It compares the amount of current going to and from any electrical equipment and shuts off the current if there is a difference of even 4 – 6 milliamperes (mA). Not using a GFCI, a ground fault could send current through the worker of the electrical tool causing shock, electrical burns, or even death.

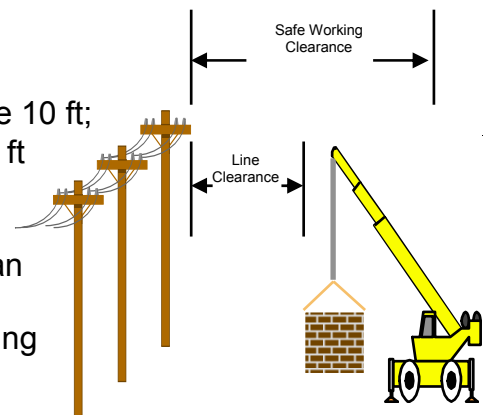


PROTECTING YOURSELF FROM ELECTRICAL SHOCK

- Inspect electrical equipment before use to be sure insulation is in good condition.
- Never bend a three-pronged plug or force it into a two-pronged outlet.
- Don't use a cord that is missing the ground pronged
- Check that plugs have a solid, tight connection.
- Don't touch anything electrical with wet hands or while in a wet area.
- Use insulated nonconductive tools around power sources.
- Be sure to use appropriate sized and rated cords.
- Only use waterproof cords outdoors.

POWER LINES

- For lines rated 50 kV. or below, minimum clearance shall be 10 ft;
- For lines rated over 50 kV., minimum clearance shall be 10 ft plus 0.4 inch for each 1 kV. over 50 kV.;
- In transit with no load and boom lowered, the equipment clearance shall be a minimum of 4 feet for voltages less than 50 kV., and 10 feet for voltages over 50 kV., up to and including 345 kV., and 16 feet for voltages up to and including 750 kV.



ELECTRICAL PREVENTIONS

- Don't use cords to raise or lower equipment.
- Prevent damage by untangling cords.
- Keep cords clear of aisles.
- Prevent lifts and scaffold from running over cords.
- Don't wear metal jewelry.
- Don't work on live electrical parts or equipment unless you're qualified.
- Don't assume a GFCI is protecting you unless it has been properly tested.
- Don't fasten cords with nails or staples

REMINDER:

Adhering to your companies Lockout/tagout program will help in protecting you from electrical accidents.