

WEEKLY SAFETY MEETING

FOR THE CONSTRUCTION INDUSTRY

 SAFETY MEETING OUTLINES

Box 700, Frankfort, IL 60423

815-464-0200

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No. 7

Week of 02/15/2021

Company Name _____ Job Name _____ Date _____

ELECTRICITY

Electricity is something we often take for granted, but our lives and jobs would certainly be a lot different without it. Stop and think for just a minute of the number of times that electrically powered machines and tools assist you in your work every day. Along with all the benefits electricity provides, there are hazards to be considered as well. Let's review some of the dangers associated with electricity and how to avoid injuries.

Plan your work — make a visual inspection for any powerlines in the area. Treat every line as if it were energized, bare, and dangerous. Remember that most powerlines are bare metal carrying high voltage that can cause serious injury or death. Keep in mind that many materials can conduct electricity and three of the most common conductors are metal, water, and you!

Protect yourself — be sure that the temporary power supplies on your jobsite are protected by Ground Fault Circuit Interrupters (GFCIs) or an assured equipment grounding conductor program. Use only grounded drop cords that have sufficient capacity, and inspect them for damage. Never string them where they can become tripping hazards or where they are subjected to damage by vehicular traffic. Extension cords should also be of the three wire type; make sure that the ground prongs are in place and that they are not frayed or damaged. Report unsafe conditions and defective equipment. Never work on live circuits. Until all circuits have been locked out, treat all exposed wires in junction boxes, power panels, etc. as though they are energized. Always follow your employer's lockout/tagout procedures.

Change bad habits — never use wire to hang temporary lights; use a non-conducting material such as plastic tie straps instead. Take the time to remove tool or extension cords by pulling the plug, not by yanking the cord. The ground prongs of tool and extension cords are there to protect you — never break off a ground prong.

Lack of planning, shortcuts, and carelessness often cause accidents. When working with electricity know the hazards that exist and then use sound safety practices to prevent injuries.

See OSHA Standards 29 CFR, Subpart K, 1926.400 - .449 for more information on electrical safety.

SAFETY REMINDER

**No job is too short or too small
for lockout/tagout.**

Special Topics For Your Project _____

Employee Safety Recommendations _____

Reviewed MSDS # _____ Subject _____

Meeting Attended By _____

Supervisor's Signature _____