



# Customer Focus on Loss Control

*Innovative Safety and Health Solutions<sup>SM</sup>*

## Electrical Safety in Construction

Electric shock is a primary cause of death on the construction site.

Electric shock can paralyze the heart, cause serious burns, and cause involuntary reactions that can lead to serious injuries.

Observe these tips for working safely with electricity:

- Treat all wires as live wires.
- Never touch dangling wires, but report them to your supervisor.
- Unless you are a qualified electrician, do not attempt electrical repairs.
- Never use electrical equipment if your hands are wet or you are standing in water.
- If electrical equipment is sparking or smoking, turn the power off and report the condition to your supervisor.
- Report tripped circuits immediately. Tripped circuits may indicate an overload or short in the system.
- Never use electrical cords that have physical damage.
- Never drag cords over sharp edges.
- Never allow equipment or traffic to run over cords. This can damage them internally.
- Verify that the extension cord have the designation "S" (e.g., SF, SJO, SJT, SJTO, etc.) in the cord marking to indicate that it is approved for hard service.
- Protect extension cords with bushings or fittings when passing them through holes that have jagged or sharp edges.



When it is used as intended, electricity is a labor saving service.

When it is released in an uncontrolled manner, or when it is used with ignorance, it can injure, maim and kill.

Always treat electricity with the respect it deserves.

If you do not know what you are doing, leave electricity alone.

