



# Working with Electricity

Unsafe conditions can lead to:

- Thermal burns
- Disruption of heart activity
- Severe muscle contractions
- Heart and lung damage
- Death

Safety tips:

- Never touch an energized line
- Do not work near a live electrical circuit
- Place an insulator between the energy and point of contact
- Avoid mixing water and electricity
- Connect to a ground fault circuit interrupter (GFCI) if working around water is necessary
- Confirm electrical tools are properly grounded and double insulated
- Make sure the grounding system is complete
- Utilize heavy-duty grounded extension cords
- Use factory-assembled cord sets and extension cords that are 3-wire type
- Check cords for loose or exposed wires
- Do not modify cords or use them incorrectly
- Ensure cords, connection devices and fittings are equipped with strain relief
- Pull on plugs (not cords) to remove from receptacles
- Be in control by using lock out/tag out procedures

**Remember, electricity strikes without warning — always play it safe!**

