

# **Electrical Safety**

Toolbox Talks are intended to facilitate health and safety discussions on the job site. For additional Toolbox Talks, please visit SAFETY.CAT.COM™.

## **SAFETY.CAT.COM™**

## **TOPIC: Electrical Safety**

#### **Power Lines**

- Stay at least 10 feet (3 meters) away from overhead wires during cleanup and other activities
- If working at heights or handling long objects, survey for overhead wires before starting work
- Assume all overhead power wires are energized at lethal voltages.
  Never assume a wire is safe to touch, even if it is down or appears to be insulated.
- Never touch a fallen overhead power line. Call the electric utility company to report fallen electrical lines
- If an overhead wire falls across your vehicle while you are driving, stay inside the vehicle and continue to drive away from the line. If the engine stalls, do not leave your vehicle. Warn people not to touch the vehicle or the wire. Call, or ask someone to call, the local electric utility company and emergency services.

### **Electrical Equipment**

- Never operate electrical equipment while standing in water
- Never repair electrical cords or equipment unless qualified and authorized
- Have a qualified electrician inspect electrical equipment that has gotten wet before energizing it
- If working in damp locations, inspect electric cords and equipment to ensure that they are in good condition and free of defects—and use a ground-fault circuit interrupter (GFCI)

Discussion Date:
Fundam Buttatan
Employee Participants:

The material in this document is provided for informational purposes only and not as a comprehensive or exhaustive resource on this topic. This material has been compiled from

a multitude of sources believed to be accurate; however, Caterpillar Inc. assumes no responsibility for the accuracy or

currency of this information and encourages you to consult experts in this area for more information. In no event does

the content of this document supersede any applicable local, state, or federal statutes or regulations.

SAFETY.CAT.COM™ http://safety.cat.com/toolbox

