

# Electrical Safety at Work

**Why it matters.** Electricity can cause shock, burns, falls and fires. You cannot see it. Respect every wire and every tool.

## KEY POINTS

- Assume all overhead power lines are energized.
- Stay at least 10 feet (3 metres) away from overhead power lines.
- Near power lines, use only ladders made of wood or fiberglass.
- Use only tools and cords that have a testing-laboratory mark and that are for heavy use.
- Before you use electrical equipment, examine it. Remove damaged equipment from service immediately.

## STEP BY STEP

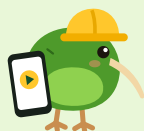
1. Examine the tool, the cord and the plug before you use them.
2. Use a 3-wire extension cord with strain relief.
3. Pull the plug, not the cord, to disconnect.
4. Keep tools and cords away from water. Do not use portable power tools in wet conditions.
5. Report damaged equipment and tag it "Do Not Use".

## NEVER

- ✗ Never remove the ground prong from a plug.
- ✗ Never operate a generator indoors.
- ✗ Never work on a circuit that is energized unless you are qualified and authorized.

## TALK ABOUT IT

1. Where are the overhead lines near our work area?
2. How do you report a damaged cord?
3. What do you do if a person gets a shock?



**Watch this talk as a short video — and get it in your crew's languages.**

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Based on OSHA publication "Working Safely with Electricity" (OSHA 3942); OSHA Electrical Safety QuickCard (OSHA 3294). This talk is a summary. Your site's written procedure and your supervisor's instructions come first.



## Date: \_\_\_\_\_

Site / area: \_\_\_\_\_

Talk given by: \_\_\_\_\_

Language used: \_\_\_\_\_

By signing, I confirm that I attended this talk and understood it.