

Toolbox talk

Year-round

5 minutes

Electrical and GFCI Toolbox Talk

Temporary power needs GFCI protection, dry and protected connections where possible, inspected cords, and immediate removal of damaged tools or cords.

READ ALOUD (ABOUT 5 MINUTES)

Temporary power changes as the job changes. Before using cords, tools, lights, or temporary panels, inspect them. Look for missing grounds, damaged jackets, exposed conductors, broken strain relief, and wet connections.

Use GFCI protection where required. Keep cords out of water and pinch points. Do not run cords through doorways or across sharp edges without protection.

If a cord or tool is damaged, remove it from service. Tape is not a repair for a damaged cord jacket or missing ground pin.

INCIDENT EXAMPLE

A worker plugged a grinder into a cord that had been pinched by a door frame. The outer jacket was taped but the conductor insulation was damaged. The tool energized unexpectedly when handled in a damp area.

CONTROLS TO COVER

- Inspect cords and tools before use.
- Use GFCI protection for temporary power conditions.
- Route cords away from water, edges, traffic, and pinch points.
- Remove damaged electrical equipment from service immediately.

CREW DISCUSSION

1. Where are cords exposed to water, traffic, or pinch points today?
2. How are we confirming GFCI protection?
3. Where do damaged cords go so they are not reused?

QUICK QUIZ

1. Is tape an acceptable repair for a damaged extension cord?
No. Damaged cords should be removed from service and repaired or replaced properly.
2. Why use GFCI protection?
It helps protect workers from shock by interrupting ground-fault current.
3. What should be checked before using a cord?
Jacket, plug, ground pin, strain relief, and signs of damage.

Reference: 29 CFR 1926 Subpart K - Electrical hazards remain a Focus Four construction hazard because contact with energized sources can be fatal.

Toolbox Talk Sign-In Sheet

Attendance record for the talk above. Reviewers (OSHA, GC, ISNetworld/Avetta) expect topic, date, presenter identity, and attendee signatures.

Project / location

Date and time

Topic: Electrical and GFCI Toolbox Talk

Presenter (print)

Presenter signature

NAME (PRINT)	COMPANY / TRADE	SIGNATURE

Concerns raised and follow-up actions (owner, due date)