

SAFETY TALKS! For Construction



ELECTRICAL HAZARDS

SAFETY TALKS! For Construction

Respect Power Lines

**ELECTRICAL
HAZARDS**

Power lines hurt or kill thousands annually

- Electricity seeks quickest route to ground
- You might be the quickest route
- Through either direct or indirect contact

**ELECTRICAL
HAZARDS**

Indirect contact occurs when your tool or ladder

- Touches a power line
- Shocks, burns and electrocution may occur
- Through either direct or indirect contact

ELECTRICAL
HAZARDS

On your jobsite:

- Identify location, height and voltage of power lines
- Identify job activities and dangers
- Maintain safe distances from power lines
- Keep scaffolding and machinery away

**ELECTRICAL
HAZARDS**

Estimate distances from power lines

- Don't use stick or tape measurements
- These can lead to indirect contact
- If measurement uncertain, add more distance

ELECTRICAL
HAZARDS

**If safe distance not possible,
ask utility company to:**

- **Have lines de-energized, or**
- **Have lines guarded, or**
- **Have lines temporarily re-routed**

**ELECTRICAL
HAZARDS**

Watch heavy equipment near power lines

Operators risk indirect contact

Know your load's height

**ELECTRICAL
HAZARDS**

Assume fallen or sagging wires are live

- Keep your distance and call utility company
- If equipment or person contacts lines,
- Don't touch them
- You could become a conductor
- Call the utility company and emergency personnel
- Keep others away and isolate the hazard

ELECTRICAL
HAZARDS

Observe power line safety off the job

Keep children away from power lines

Follow the same precautions you follow at work

**ELECTRICAL
HAZARDS**

Overhead power lines are dangerous

Treat them with respect

Don't put your life on the line

**ELECTRICAL
HAZARDS**

SAFETY TALKS! For Construction



ELECTRICAL HAZARDS