

Electrical Safety in the Workplace

<https://www.youtube.com/watch?v=TMT6f3tZQSk>



- 1) **Why are damaged or exposed wires dangerous?**
 - a) They waste electricity
 - b) They can cause electric shocks or fires
 - c) They slow down equipment
- 2) **What can happen if too many devices are plugged into one outlet?**
 - a) Equipment lasts longer
 - b) Circuits may overheat
 - c) Energy use decreases
- 3) **What does insulation protect workers from?**
 - a) Loud noise
 - b) Contact with live wires
 - c) Equipment vibration
- 4) **What does the smell of burning plastic or rubber indicate?**
 - a) Normal operation
 - b) Electrical overheating or a fault
 - c) New equipment
- 5) **What should you do before servicing electrical equipment?**
 - a) Put on gloves only
 - b) De-energize the equipment and verify the power is off
 - c) Ask a coworker for help

6) Which personal protective equipment is mentioned in the talk?

- a) Earplugs
- b) Insulated gloves and safety glasses
- c) Steel-toe boots only

7) What type of ladder should be used near electrical equipment?

- a) Metal ladder
- b) Aluminum ladder
- c) Non-conductive ladder

8) What should you do if you notice an electrical hazard?

- a) Fix it yourself
- b) Ignore it if it still works
- c) Report it to a supervisor or maintenance team

9) Who is allowed to fix electrical problems?

- a) Any employee
- b) Trained and authorized personnel
- c) New workers only

10) What should you do if someone is being shocked?

- a) Touch them to help
- b) Use a non-conductive object to separate them from the electrical source
- c) Pour water on them