



Are You Living Dangerously On The Job? Contractor Training Quiz

How safe are you *really* around electricity and natural gas? Take this quiz and find out. For each question, circle the answer that best describes how you would typically respond to each situation on the job. (Answers are on a separate sheet.)

- 1. You arrive at an excavation job to find there are no utility locator marks. Your co-worker assures you the one-call utility locator service was contacted. What do you do?**
 - A. Go ahead and start the work. The job has to be done today.
 - B. Ask your boss to call the utility locator service again. Ask for a new assignment until the utilities are marked.
 - C. Hand dig until you find some utilities yourself. Then excavate around them with your heavy equipment.
- 2. The path of underground utilities has been marked. Your boss asks you to hand dig to expose the utilities and confirm their depth. What do you do?**
 - A. Use a blunt trenching tool and carefully pry away dirt to expose utilities and confirm their depth before beginning excavation.
 - B. Use a pick to hand dig and expose the utilities.
 - C. Borrow an electric post-hole digger to expose utilities.
- 3. During a digging job you nick an underground natural gas pipeline. What do you do?**
 - A. Patch the nick with duct tape and backfill the hole with dirt.
 - B. Leave the hole open. Call the utility and inform your supervisor.
 - C. Ignore the hit. Maybe no one will notice.

- 4. Your excavation company uses trenchless technology. What needs to happen at the start of every new job?**
- A. The drill rig has a utility strike alarm that senses the magnetic field around buried power lines, so your company doesn't need to notify anyone that you'll be working around power lines.
 - B. You need to level the job site before work can begin.
 - C. Your company must notify the one-call utility locator service to mark the location of utilities at least two days before work will begin.
- 5. You are operating heavy equipment that contacts an overhead line. What do you do?**
- A. Get off the equipment as quickly as possible. Run away.
 - B. Stay put. Warn others away. Have someone call the utility.
 - C. Knock the wire down so it's not touching the equipment.
- 6. You need to work closer than 10 feet from a 15,000-volt power line. What do you do?**
- A. Make sure no one is looking and just try to stay away from the line. Don't forget to duck.
 - B. Ask your employer to call the utility and find out what safety measures can be taken.
 - C. Designate a spotter to make sure you don't bump into the power line.
- 7. You will be working on a construction site that has a 115,000-volt power line running through it. You need to keep your crew a safe distance from the line. What do you do?**
- A. Don't worry about it. The really high-voltage lines are insulated.
 - B. Establish a 10-foot safety clearance boundary and keep everyone away.
 - C. The required clearance for power lines with more than 50,000 volts is greater than 10 feet. Contact the electric utility to learn the clearance and for safety suggestions.
- 8. You'll be operating a crane near a power line. Before you even set foot in the cab, what do you do?**
- A. Survey the site to be sure you are aware of all overhead lines. Once the voltage and proper safe work distance are established, designate a spotter to be sure the crane stays at least that distance from the power line.
 - B. Have a cup of coffee so you'll be alert to the danger. Then you won't need any help from a spotter.
 - C. Plan your escape route, so you'll know which way to jump if your crane hits a power line.

9. A motor vehicle accident near your job site causes a power line to come down on the car involved. What do you do?

- A. Quickly run to the car and get the people out.**
- B. Notify 911 and the utility of the accident and the power line being down. Keep others away until it is safe to help.**
- C. Grab the power line and pull it off the car. Then it will be safe to help the accident victims.**

**Are You Living Dangerously On The Job?
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Answers**

1. B

2. A

3. B

4. C

5. B

6. B

7. C

8. A

9. B