

# **Answer Key – Electrical & Lockout Tagout**

## **Avoiding Electrical Accidents Quiz**

1. c. Electrical shock
2. b. Avoid stapling or tangling cords
3. a. More likely
4. a. True.
5. a. True.
6. c. Keep paper or other materials that could burn away from electrical equipment.
7. b. False. If they're 50 volts or more, they must be in separate rooms, behind partitions, or at least 8 feet above ground.
8. b. False. They've had special training so they can identify exposed live parts and their voltage and know what safety procedures to follow.
9. a. True.
10. a. 10 feet

## **Electrical Hazards Quiz**

1. a. Wires and cables that carry electricity
2. b. Electric-resistant wire coverings like rubber, plastic, or glass
3. a. True.
4. b. False. Three-pronged plugs provide grounding.
5. a. Your body becomes a conductor.
6. c. Both a (touch the ground and a live wire) and b (touch electrical equipment with wet hands)
7. b. False. It can cause serious internal damage, cardiac arrest, and even death.
8. a. True.
9. c. In an area that contains flammable substances or vapors
10. b. Turn it off and don't use it. (Turn it in to a supervisor.)

## **Lockout Tagout Quiz**

1. b. False. Only authorized employees may perform lockout/tagout.
2. b. False. Lockout/tagout must be performed on even simple powered equipment.
3. a. True
4. b. False. All employees need to understand lockout/tagout's basic procedures.
5. b. False. Find out why it has been turned off before restoring power.
6. a. True
7. a. True
8. b. False. Each worker must remove his or her own lock.
9. b. False. Tag must be attached with locking devices such as a nylon cable tie. Can't be reused.
10. a. True

## Lockout Tagout Shutdowns Quiz

1. a. Authorized employees.
2. c. Never trying to start locked or tagged out equipment or remove the locks or tags.
3. b. Deactivate the energy control device.
4. c. The equipment can't be locked out.
5. a. True.
6. a. Tests that energy is truly off by trying to turn on the equipment.
7. b. False. You must follow all the steps to remove locks or tags and then to replace them.
8. b. False. The employee who installed it must remove it. Only if that employee is not present can another authorized employee perform the job.
9. a. Removes tools from the area and replaces the machine guards.
10. b. False. Affected employees should be told that locks/tags are removed and that the equipment is ready for use.