

# **Answer Key – Workplace Hazards**

## **Asbestos Quiz**

1. a. True.
2. a. True.
3. a. True.
4. b. False. You always need a proper respirator in a restricted area, even for a very short time.
5. a. True.
6. b. False. Do not sweep up asbestos waste—that only spreads the dust. Use a HEPA vacuum instead.
7. b. False. That is part of the OSHA requirement, but they also need a complete respiratory program including employee training, medical evaluation, and fit testing of respirators.
8. a. True.
9. a. True.
10. a. True.

## **Battery Hazards Quiz**

1. b. False. Other hazards include hydrogen gas, which is flammable; risk of electrical shock; and the heavy weight of many batteries.
2. a. True
3. a. True
4. a. True
5. a. True
6. b. False. A recharging location needs adequate ventilation, equipment and materials for absorbing spilled electrolyte, fire protection equipment, and emergency shower and eyewash stations.
7. a. True
8. a. True
9. a. True
10. a. True

## Compressed Gas Quiz

1. a. True.
2. a. True.
3. b. False. If they won't open, notify the supplier. Don't try to force them open.
4. a. True.
5. a. True.
6. b. False. Cylinders are heavy. Don't try to move them by hand. To move the cylinders, strap them securely to a handcart or dolly.
7. a. True.
8. b. False. Check the MSDS and always wear any recommended PPE.
9. b. False. If you have any questions about a particular substance, ask your supervisor—or check the MSDS—or do both.
10. a. True.

## Emergency Evacuations Quiz

1. a. True
2. b. False
3. a. True
4. b. False
5. b. False
6. b. False
7. b. False
8. a. True
9. b. False
10. a. True

## First Aid For Burns Quiz

1. a. True.
2. c. Third-degree burns.
3. a. Get immediate medical attention.
4. b. Apply wrapped ice packs or cool water.
5. b. False. They require medical attention as they're sometimes more serious than they appear.
6. b. Flushing the affected skin or eyes with water for 15 minutes.
7. a. True.
8. a. The face, hands, genitals, or a large skin area.
9. b. Leave the blisters alone unless they break.
10. c. MSDS.

## Flammables Quiz

1. b. False. The flash point is the lowest temperature at which a liquid gives off vapors concentrated enough to be ignited.
2. b. False. The lower the flash point the more hazardous the material because it can catch fire or explode more easily.
3. a. True. All three of these things are required for safe transfer.
4. a. True. Flammable liquids have a lower flash point.
5. a. True. A metal tool can accidentally produce sparks if struck against another object.
6. b. False. They should always be stored in closed containers to avoid giving off vapors, since it is the vapors that can ignite in air.
7. b. False. Required PPE should be used when working with these substances. Such PPE may include gloves, goggles, and respirators.
8. b. False. It is never safe to smoke around flammable or combustible liquids.
9. a. True. You should always be careful not to breathe in the vapors or get these substances on your skin.
10. b. False. These substances should always be transported in approved containers only—even very small amounts.

## Hazards Of Confined Spaces Quiz

1. b. More than 100 feet from a first aid station.
2. a. True.
3. a. True.
4. b. Suffocation or death.
5. a. 19.5 percent.
6. c. Sand, grain, or any flowing solid.
7. b. False. Entrapping design means a space whose walls curve in or whose floors slope and taper down.
8. a. True.
9. b. Hear warnings or directions.
10. a. Immediately dangerous to life or health.

## Pesticides Quiz

1. e. All of the above
2. b. False—pesticides are harmful to humans and other animals, not just to insects.
3. c. Proper PPE—If selected and used correctly, proper PPE should protect you from pesticides.
4. a. True. The use of pesticides is covered by OSHA's Hazard Communication also known as the right-to-know standard.
5. b. Severe pesticide poisoning can even cause death.
6. b. False. Symptoms of pesticide poisoning can be acute (occurring immediately after exposure) or chronic (developing after repeated exposure).
7. c. While your supervisor or fellow workers may have information about a pesticide, the best source of information is the pesticide label or MSDS.
8. b. False. You should summon medical personnel immediately in case of pesticide exposure.
9. a. True. Entry restrictions prevent people from entering areas where pesticides have been applied.
10. b. False. After possible eye exposure to pesticide you should use an eyewash for at least 15 minutes.

## Slips, Trips, and Falls Quiz

1. a. True.
2. b. Mark and block off the area.
3. a. Be sure you can see over it.
4. c. A ladder.
5. a. Flat heels and nonskid soles.
6. b. Move slowly, sliding your feet.
7. a. At your sides.
8. b. Face it and hold onto the rails.
9. b. False. Tilting back on two chair legs can cause falls.
10. c. Bend your elbows and knees.

## Working In The Cold Quiz

1. a. The nose, ears, cheeks, fingers, and toes.
2. a. True.
3. a. Exhausted or wearing wet clothes.
4. b. Loose and layered.
5. a. True.
6. b. Take a break in a warm place.
7. c. Skin that's glossy white or grayish yellow.
8. a. Cold, shivering, numbness, confusion.
9. c. Both a (rubbing it) and b (using hot water, a heat lamp or hot water bottle).
10. a. True.

## Working In The Heat Quiz

1. a. True.
2. b. Heat stroke.
3. c. Wear loose, light clothes and avoid overexertion.
4. a. Water.
5. a. Body temperature rises to dangerous levels.
6. b. Chills, high body temperature and lack of sweating.
7. c. Weakness, sweating, and pale or flushed appearance.
8. b. Call for a doctor and move to a cool place.
9. a. Move to a cool place and loosen clothes.
10. a. True.

## Working With Paint Quiz

1. a. True.
2. a. True.
3. b. False. Inhaling too much paint vapor or mist can cause eye irritation, sore throat, cough, runny nose, fatigue, or dizziness. Paint on your skin can cause short-term rashes or swelling.
4. a. True.
5. b. False. Long-term health hazards include damage to the liver, kidneys, or lungs, or problems with the digestive or central nervous system. Also, especially with certain paints called polyisocyanates, someone can become sensitized and risk serious skin and respiratory problems.
6. a. True.
7. b. False. Some chemicals become hazardous if mixed with or exposed to other substances.
8. a. True.
9. a. True.
10. b. False. Organic solvent-based paints should be treated as hazardous waste and disposed of according to approved procedures.