

Welding, Cutting, and Hot Work – Quiz (Answer Key)

1. All of the below are common hazards associated with hot work, welding, and cutting, except:
 - a. Fires
 - b. Broken toe
 - c. Arc Flash
 - d. Intense Light
2. It is required to have fires watchers in locations where:
 - a. Several employees are working in the same area
 - b. Smoke break areas
 - c. Combustibles are closer than 35ft to the point of operation
 - d. Any welding station is set up
3. Fire watch should stay in place for a minimum of _____ after hot work activities have completed.
 - a. 30 seconds
 - b. 10 minutes
 - c. 2 hours
 - d. 30 minutes
4. A _____ is typically needed prior to working in an area that is not specifically designated for hot work activities.
 - a. Call with the supervisor
 - b. Hot work permit
 - c. 15-minute break
 - d. Safety meeting
5. True/False. Hot work permits are a “best practice”.
 - a. True
 - b. False
6. Compressed gas cylinders should never be stored _____.
 - a. Away from sources of heat
 - b. In a well-protected, dry location
 - c. Away from elevators, stairs, and gangways
 - d. In an un-ventilated room
7. True/False. Arc welding unites metals by heating them with a flame produced by the combustion of fuel gas.
 - a. True
 - b. False

8. What PPE is not necessary for typical hot work operations?
- a. Safety harness
 - b. Fire resistant gloves
 - c. Leather high-top boots
 - d. Welding hood with lens filter
9. The _____ can be seriously damaged by excessive exposure to radiant light if the correct PPE is not worn.
- a. Hands
 - b. Nose
 - c. Eyes
 - d. Ears
10. Employees required to wear respirators should be trained in all of the following, except:
- a. Proper use of respirator
 - b. How to conduct fit tests
 - c. Cleaning of the equipment
 - d. Storage of the equipment