

## FFA Welding Safety Test

1. What are the most common welding injuries?
  - a. Toxic chemicals
  - b. Manganism
  - c. Arc eye, burns
  - d. None, welding is very safe.
  
2. What compounds are found in common weld fumes?
  - a. Metallic oxides
  - b. Silicates
  - c. Fluorides
  - d. All the above
  
3. When is a stick electrode “electrically hot”?
  - a. Always (as long as the welder is on)
  - b. Always (as long as the welder is plugged in)
  - c. Never
  - d. Only when you first turn on the welder

4. How do you protect yourself from electric shock when welding?
  - a. Isolate your body from metal
  - b. Stand on rubber mats
  - c. Wear dry gloves
  - d. All the above
  
5. What protective clothing is needed while welding?
  - a. Fire resistant clothing
  - b. Sunglasses
  - c. Gloves and safety glasses
  - d. Both A and C
  
6. Is it necessary to wear safety glasses if you are already wearing a welding helmet?
  - a. No
  - b. Only when welding outside
  - c. Yes
  - d. Only when welding inside

7. Can oxy-fuel goggles be used to protect your eyes while arc welding?
  - a. Sometimes (if the conditions are right)
  - b. Never
  - c. Always
  - d. Not really all that important
  
8. What are some steps that you can take to prevent hot sparks from being trapped in your clothing?
  - a. Roll up your sleeves and pants
  - b. Tuck your pants into your boots
  - c. Wet your clothing
  - d. None of the above
  
9. What types of gloves are suitable for protecting your hands while welding?
  - a. Heavy flame resistant gloves
  - b. Latex gloves
  - c. Mechanics gloves
  - d. All the above will work

10. When does OSHA consider natural ventilation sufficient?

- a. There are no set regulations
- b. As long as cross ventilation is blocked by partitions
- c. Welding is done in a confined space
- d. None of the above