

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