Welding — Safe Practice

1. Eye injuries make up around a quarter of all welding injuries, and can be serious permanent injuries that result from welding sparks, chemical vapors, and “arc eye,” ultraviolet and infrared radiation from the welding electrical arc. “Welder’s flash,” a burn to the eyes accounts for a great deal of construction eye injuries.

   True ___ <> False ___

2. List four other hazards that cause welding injuries?
   __ a ________________________
   __ b ________________________
   __ c ________________________
   __ d ________________________

3. Which of the following illnesses are attributed from exposure to fumes, gases and ionizing radiation?
   ___a. Brain damage
   ___b. Epilepsy
   ___c. Respiratory illness like pulmonary fibrosis
   ___d. Heart disease

4. Per the California Fire Code what are the four types of Hot Work that the part of the company specific IIPP?
   ___a. Hot Work __________________________exposure
   ___b. Hot Work __________________________inventory
   ___c. Hot Work __________________________per Section 3503.3
   ___d. Hot Work __________________________carried out by approved facilities-designated personnel
5. What are the four minimum PPE that each BCA welding inspector is required to have to safely inspect a welding operation?

1. ____________________________
2. ____________________________
3. ____________________________
4. ____________________________