

NAME: _____

DATE: _____

TITLE: _____

COMPANY: _____

Hydrogen Peroxide Safety Video Quiz

1. Only “vented” ball valves are permitted for use in Hydrogen Peroxide service. Which of the 4 main rules does this requirement fall under?
 - a) Do not contaminate
 - b) Do not confine
 - c) Avoid Contact
 - d) Ensure abundant water is available

2. What is the purpose of passivating Hydrogen Peroxide equipment?
 - a) Remove impurities which can lead to decomposition
 - b) Provide protective oxide coating to prevent corrosion and decomposition
 - c) Both a and b

3. When contaminated, Hydrogen Peroxide decomposes releasing large volumes of oxygen and steam. This can cause containers and equipment to
 - a) Rust over a period of time
 - b) Do nothing
 - c) Rupture

4. The only substance that should be used for fighting fires involving Hydrogen Peroxide is
 - a) Water
 - b) Acid solutions
 - c) Foam
 - d) Dry chemical

5. If Hydrogen Peroxide enters the eyes, the first thing to do is
 - a) Check the MSDS sheet
 - b) Transport the victim to the hospital
 - c) Wash the eyes immediately with water for 15-20 minutes

6. Clothing made from certain materials should not be worn when working around Hydrogen Peroxide. These materials include
 - a) Cotton
 - b) Leather
 - c) Wool
 - d) All of the above

7. True or False: Visually, it is difficult to tell the difference between Hydrogen Peroxide and water.

- 8. True or False: The higher the concentration of hydrogen peroxide, the greater the potential hazard of the Hydrogen Peroxide solution.**
- 9. True or False: Improper handling of Hydrogen Peroxide can lead to accelerated decomposition, which can result in equipment rupture, spills, and injuries.**
- 10. True or False: Hydrogen Peroxide must always be sealed in an airtight container.**
- 11. True or False: Storage of Hydrogen Peroxide on wooden pallets is acceptable.**
- 12. True or False: Passivated stainless steel and aluminum are recommended materials of construction for Hydrogen Peroxide service.**
- 13. True or False: Hydrogen Peroxide must never be returned into its original container.**
- 14. True or False: An eyewash, safety shower or running potable water is not necessary in the Hydrogen Peroxide handling area.**
- 15. True or False: If Hydrogen Peroxide is swallowed, drink water immediately to dilute and do not induce vomiting.**

H₂O₂ Safety Video Quiz – Answer Key

1. b
2. c
3. c
4. a
5. c
6. d
7. True
8. True
9. True
10. False
11. False
12. True
13. True
14. False
15. True