

MODULE 4 - VERSION "A"

EXCAVATION, TRENCHING & SHORING
H₂S, FIRE PREVENTION
ELECTRICAL SAFETY, LOTO

Do not write on this test question sheet. Circle the letter on the test answer that corresponds to the correct answer. When test is complete, return this test and your answer sheet to your instructor to grade.

1. Some trenches qualify as a confined space and require compliance with the confined space regulations.
 - A. True
 - B. False

2. The Acronym PASS when operating a fire extinguisher stands for:
 - A. Pull the lever, Aim the nozzle, Squeeze the pin, Sweep the floor
 - B. Pull rank, Ask for volunteers, Shoot the breeze, Scram
 - C. Pull the pin, Aim the nozzle, Squeeze the lever, Sweep the agent
 - D. Pray that you get out, Aim for the door, Scoot out early, Stay out of the way

3. When Lockout / Tagout is involved, we usually think of electricity. What other sources of energy must also be considered?
 - A. Gravitational
 - B. Pneumatic
 - C. Hydraulic
 - D. All of the above

4. When inspecting welding cables ensure:
 - A. No splices within 50 feet of holder
 - B. Connect appropriately
 - C. Never wrap around a body part
 - D. All except A
 - E. All of the above

5. A Fire Watch must :
 - A. Discuss the Emergency Action Plan (EAP)
 - B. Have a fire extinguisher available
 - C. Remain at the work site for 30 minutes after the completion of work
 - D. All of the above

6. The person designated to place the Lockout / Tagout device on the equipment is the _____ employee.
- A. Affected
 - B. Supervisor
 - C. Authorized
 - D. Pumper
7. When one leg of the fire triangle is removed, what happens to the fire?
- A. It grows bigger
 - B. It goes out
 - C. It will not spread
 - D. None of the above
8. When inspecting portable electrical equipment:
- A. Inspect prior to use
 - B. Avoid long extension cords
 - C. Ensure the ground prong is in place
 - D. All of the above
9. In the event of an H₂S alert and the monitor alarm sounds, employees are to:
- A. Wait for the supervisor to confirm before evacuation
 - B. Evacuate quickly, move up-wind or cross-wind to high ground
 - C. Evacuate quickly, move down-wind or cross-wind to high ground
 - D. Return to your vehicle and await the "all clear"
10. Which of the following would not be considered a cause of electrical hazards?
- A. Properly grounded extension cords
 - B. Wet surroundings
 - C. Explosive atmospheres
 - D. Equipment wear
11. Properties and characteristics of H₂S include all of the following EXCEPT:
- A. Flammable
 - B. Corrosive
 - C. Colorless
 - D. Toxic
 - E. Sweet smell

12. The Immediately Dangerous to Life & Health (IDLH) level for H₂S is:
- A. 10 ppm
 - B. 20 ppm
 - C. 100 ppm
 - D. 300 ppm
13. All of the following are examples of Hot Work EXCEPT:
- A. Welding
 - B. Grinding
 - C. Electrical work
 - D. Using a torch
14. A Lockout /Tagout Affected Employee is the person who:
- A. Affixes the lock on the equipment
 - B. Operates the equipment
 - C. Controls the key to the lock
 - D. None of the above
15. Lockout is the process of isolating and eliminating the flow of energy to equipment.
- A. True
 - B. False
16. During thunderstorms, derrick personnel must evacuate the derrick.
- A. True
 - B. False
17. A Hot Work permit must be obtained prior to performing any Hot Work activity.
- A. True
 - B. False
18. Oxygen levels should remain between 19.5% and 23.5%
- A. True
 - B. False
19. Excavating is one of the most hazardous forms of construction activity due to the possibility of cave-ins.
- A. True
 - B. False

20. Atmospheric testing shall be done:

- A. Before employees enter
- B. Periodically
- C. Every minute
- D. A and B