



CONFINED SPACE / PERFORMANCE EVALUATION

Written Test

**HEALTH, SAFETY AND
ENVIRONMENT**

Author: Chris Thuneman

CONFINED SPACE – WRITTEN TEST

NAME: _____ DATE: _____

1. OSHA requires employers to identify all permit required confined spaces.
 - a. True
 - b. False
2. A confined space is defined by three criteria except:
 - a. The space is large enough and so configured that an employee can bodily enter and perform assigned work
 - b. The space has limited or restricted means for entry or exit
 - c. The space is NOT designed for continuous employee occupancy
 - d. All of the above are included
3. Oxygen deficiency occurs when oxygen content is less than 19.5%.
 - a. True
 - b. False
4. Confined space hazards can include gases or vapors that are:
 - a. Greater than 10% LEL
 - b. Unnoticeable or not able to be smelled by your nose
 - c. Both a & b
 - d. Neither of the above
5. An Entry Permit can be obtained after work is completed:
 - a. True
 - b. False
6. The most dangerous activity in confined space is:
 - a. Entry Supervisor
 - b. Authorized Entrant
 - c. Attendant
 - d. Rescuer
 - e. Atmospheric Tester



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7. An attendant can leave his post even if the entrant is still in the confined space.
 - a. True
 - b. False
8. Entrants do not need to be aware of the hazards in a confined space if a Rescuer or Entry Supervisor has signed off on the Permit Required Confined Space record.
 - a. True
 - b. False
9. Entry Supervisors are responsible for ensuring entry conditions are acceptable.
 - a. True
 - b. False
10. At least one member of the Rescue Team should have First Aid and CPR Training.
 - a. True
 - b. False
11. The two type of confined space are Permit Required Confined Space and Non-Permit Required Confined Space.
 - a. True
 - b. False
12. Entry into a confined space occurs:
 - a. When any part of the body breaks the plane of the entry
 - b. When the entire body has entered the confined space
 - c. When the authorized entrant has signed the work permit
 - d. When the entry supervisor has authorized the entry
13. Would you conduct an exterior rescue of someone in the confined space that you cannot see?
 - a. Yes
 - b. No
14. Gas detectors should be calibrated how often?
 - a. At time of entry
 - b. At least every 30 Days
 - c. At least every 90 Days
 - d. Per the manufactures recommendation



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15. A gas detector shows 40% LEL – is it safe to enter?
- a. Yes
 - b. No
16. Work permits must be terminated and filed after the completion of the confined space entry.
- a. True
 - b. False
17. An attendant may leave his post when authorized entrants are inside of the confined space if directed to do so by a Company Supervisor.
- a. True
 - b. False
18. Smoking is not allowed in confined spaces.
- a. True
 - b. False
19. Confined space entry may occur even when no other personnel are around.
- a. True
 - b. False
20. Fall protection equipment may be taken off once inside the confined space.
- a. True
 - b. False
21. Which of the following is included but not limited to confined spaces?
- a. Vessels
 - b. Tanks
 - c. Vaults
 - d. Trenches
 - e. All of the above
22. Entering a permit space can prove fatal for an employee when the oxygen level is _____.
- a. Below 19.5 percent
 - b. Above 23.5 percent
 - c. Below 20 percent
 - d. Both a and b



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23. Any employee can enter a permit required confined space to carry out necessary repairs or maintenance.
- True
 - False
24. Which of the following is **NOT** a confined space that requires a permit?
- A space that contains a hazardous or potentially hazardous atmosphere.
 - A space that contains a material that can smother someone who enters.
 - A space that contains a material which can engulf someone who enters.
 - A space that contains walls that converge inward or floors that slope downwards and taper into a smaller area which could trap or asphyxiate an entrant.
 - A space that is designed for continuous employee occupancy
25. What steps must an employer take after determining that the workplace has permit required confined entry areas?
- Develop and implement a written program
 - Verbally inform all supervisors in the affected areas of the requirement of OSHA's program
 - Notify those in charge of medical files for affected employees
 - All of the above
26. Which of the following must be tested **FIRST** before an employee enters a confined space?
- Oxygen content
 - Flammable gases and vapors
 - Potential toxic air contaminants
27. What does the acronym **IDLH** stand for with respect to confined spaces?
- Instant Death Lurks Here
 - Immediately Dangerous to Life or Health
 - Integrated and Differentiated Level of Hazards
 - Inflammability Detection Level Hazard
28. Atmospheres that contain a flammable component above what percent of its Lower Explosive Limit (LEL) are considered hazardous for confined space entry?
- 10 percent
 - 7.5 percent
 - 5 percent
 - 2.5 percent
29. OSHA mandates that an Entry Supervisor sign the Entry Permit before an employee begins work in a confined space.
- True



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- b. False
30. An attendant can enter a permit space to help the employee inside the confined space without being relieved by another authorized attendant.
- a. True
b. False
31. The retrieval line attached to the chest or full body harness worn by authorized entrants should be attached to:
- a. Both their shoulders
b. Their hips
c. The center of their backs near shoulder level or above their heads
d. Arms and legs
32. When an employee is working in a confined space more than five feet deep, the other end of his or her retrieval line must be:
- a. Securely attached to a fixed point
b. Held at all times by the attendant
c. Connected to a mechanical device
d. None of these
33. The Entry Permit must be canceled when operations inside the permit space are completed or when a dangerous condition arises inside or near the permit space.
- a. True
b. False
34. In an emergency, in the absence of a trained rescue team, an attendant must:
- a. Enter the permit space and try to save the entrant
b. Attempt a non-entry rescue
c. Pray and hope that the entrant survives
d. None of the above
35. A confined space can be as large as a tank, vessel or silo.
- a. True
b. False
36. A confined space always requires a permit to be entered.
- a. True
b. False



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37. Employers must have a written program to cover permit required confined space entry.
- a. True
 - b. False
38. Training is required for all employees working in / with Permit Required confined spaces.
- a. True
 - b. False
39. Entry Supervisors must verify all tests, including atmospheric testing, are conducted before entry into a PRCS is allowed.
- a. True
 - b. False
40. Attendants must maintain constant contact with entrants.
- a. True
 - b. False
41. At least one member of the rescue team must be certified in basic first aid and CPR.
- a. True
 - b. False
42. Confined space atmospheres must be tested for oxygen, flammability agents and any other toxic agents.
- a. True
 - b. False
43. The use of continuous forced air ventilation can be used to eliminate potential and actual atmospheric hazards.
- a. True
 - b. False
44. Entrapment can occur in a PRCS due to the shape or design of the space.
- a. True
 - b. False
45. Some PRCS risks include electrical hazards, moving machinery, stored energy, heat and falls.
- a. True



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- b. False
46. All PRCS permits must be retained for one year.
- a. True
 - b. False
47. When working with outside contractors, the "**host**" employer and outside contractor should coordinate entry operations to ensure the safety of all employees.
- a. True
 - b. False
48. Which of the following are hazards that may be encountered in a confined space.
- a. Materials that can engulf an entrant
 - b. Moving machinery
 - c. Oxygen deficiency
 - d. All of the above
49. Entrant responsibilities include which of the following:
- a. Take an active role in evaluating the space prior to entry
 - b. Alert the attendant of any dangerous situations inside the space
 - c. Exit the space as ordered by the attendant
 - d. All of the above
50. Confined space entry permits must be kept on file for at least one year.
- a. True
 - b. False