



Introduction to Safety – Unit Seven: Lockout / Tagout (LOTO) Safety

Unit Exam Answer Key

1. OSHA _____ that the employer establishes a program consisting of energy control procedures.
 - a. recommends
 - b. ** requires**
 - c. Suggests
 - d. None of the above

2. A tagout tag _____.
 - a. warns employees to not restore energy to the equipment
 - b. must be applied by hand
 - c. Must state “Do not operate” or something similar
 - d. ** All of the above**

3. 3. LOTO procedures are developed by _____.
 - a. equipment manufacturers
 - b. OSHA
 - c. ** The company that operates the equipment**
 - d. Any of the above

4. Lockout/Tagout procedures prevent _____ while service is performed on a machine.
 - a. energizing equipment
 - b. start-up
 - c. the release of stored energy
 - d. ** All of the above**

5. If a power source cannot be locked out, the _____.
 - a. equipment cannot be repaired
 - b. equipment must be repaired when no employees are in the building
 - c. ** authorized employee may be allowed to use tagout alone**
 - d. equipment must be changed to so that it accepts a lock

6. Tagout is the placement of a locking device that isolates the equipment from an energy source to prevent start-up.
 - a. True
 - b. ** False**





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7. The _____ step should be performed before the others.
 - a. **** lockout**
 - b. tagout
 - c. service
 - d. maintenance

8. The Hazardous Energy Control Plan applies to all employees who _____ potentially hazardous equipment.
 - a. operate
 - b. **** service**
 - c. design
 - d. All of the above

9. A Hazardous Energy Control Plan policy does not apply to _____ employment.
 - a. construction
 - b. electric utilities
 - c. maritime
 - d. **** All of the above**

10. Affected employees _____.
 - a. operate equipment that may be locked out
 - b. work in areas where lock/out tagout is used
 - c. stay clear of equipment while it is locked out
 - d. **** All of the above**

11. When routine adjustments are made to a printing press, _____.
 - a. LOTO procedures are required
 - b. **** it is acceptable not to do LOTO if a second employee is present to monitor the process**

12. LOTO is not required if equipment with a cord-controlled device is unplugged.
 - a. **** True**
 - b. False





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13. _____ refers to welding a connection to a pipeline vessel, or tank that is under pressure, without the interruption of service for gas, air, and other fluids.
- Hot plugs
 - Plug/tap
 - ** Hot tap**
 - Pressure tap
14. LOTO is not required during a hot tap operation.
- ** True**
 - False
15. LOTO is not required where _____.
- energy exists
 - there may be an unexpected start-up
 - a guard is removed
 - ** None of the above**
16. An _____ employee is a person who operates a machine on which service or maintenance is being performed.
- ** affected**
 - authorized
 - alternate
 - All of the above
17. An authorized employee must receive training _____.
- initially
 - annually
 - ** Both a and b**
 - None of the above
18. *Isolating* equipment in a LOTO procedure refers to _____.
- removing equipment from the energy source
 - releasing stored energy from the source
 - ** Both a and b**
 - moving the equipment being worked on to a different location



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19. There are multiple sets of keys issued to qualified maintenance personnel for the lock used in a LOTO job.
- True
 - ** False**
20. When is employee retraining conducted?
- There is a change in job assignments
 - There is a change that creates a new machine hazard
 - It is discovered that an employee has forgotten proper energy control procedures
 - ** Any of the above**
21. Tagout devices can be used in place of lockout devices when the equipment is not lockable.
- ** True**
 - False
22. An example of a machine with stored energy is _____.
- hydraulic equipment with an elevated car on a hoist
 - a charged capacitor
 - an air compressor tank with residual pressure
 - ** All of the above**
23. A coiled industrial spring is not considered an energy source.
- True
 - ** False**
24. Inspection of energy control procedures must be performed annually, even if a machine runs only once per year.
- ** True**
 - False
25. An annual certification inspection should list _____.
- the date of the inspection
 - the name of the inspector
 - the names of employees included in the inspection process
 - the machine or equipment that is inspected
 - ** All of the above**



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