

**KNOWLEDGE**

**LOTO is required when unexpected energization or release of stored energy can occur during:** (check all that apply)

- Equipment repair
- Tooling change
- Operator change
- Machine set-up
- Machine installation
- Clearing a jam
- Machine lubrication

**Which of the following sources of energy can be potentially hazardous?** (check all that apply):

- Electrical
- Gravitational
- Pneumatic
- Hydraulic
- Kinetic
- Thermal

**A LOTO (lockout/tagout) program should include which of the following?** (check all that apply)

- Employee training
- Annual updates to lockout procedures
- Locks and tags purchased from OSHA
- Lockout procedure for each machine

**OSHA requires that LOTO procedures must:** (check all that apply)

- Be in writing
- Name the operators allowed to use them
- Be specific to each machine
- List the steps to verify that LOTO is effective
- Be evaluated once a year
- Be handed out to each “affected” employee

**An “affected” employee must be re-trained in LOTO when:** (check all that apply)

- Assigned to operate a new piece of equipment or a new machine
- The machine has been modified and new hazards are present
- The task has been modified and new hazards are present
- The LOTO procedure was changed after the initial employee training



**When multiple “authorized” employees are servicing a piece of equipment, only one lock and tag is required.**

- True
- False

**Complete this sentence to make it a “True” statement: LOTO locks used in a shop.. (check all that apply)**

- May be stored in a central location
- May be used by any employee
- Should be used only for LOTO procedures
- Should be standardized by color, size, or shape
- Should have the same master key
- Should have at least 2 keys

**When a machine is ready to be released from lockout, who can remove the lock(s)?**

- The employee who normally operates the machine
- The “authorized” employee to whom the lock was assigned
- Any “authorized” employee in the shop
- Any “affected” employee in the shop, even if they work 2<sup>nd</sup> shift

**In a lockout/tagout program, you would be considered an “affected” employee if you operate a machine that may be locked or tagged out for maintenance.**

- True
- False

**In a lockout/tagout program, an “authorized” employee is someone who is trained to:**

- Prepare a machine for service or maintenance
- Operate a robot in training mode
- Install a new piece of equipment in the shop

## SKILLS

**I am comfortable with my ability to demonstrate and explain how to identify all energy sources in a piece of equipment.**

- Strongly Agree
- Agree
- Disagree
- Strongly Disagree

**I am comfortable with my ability to demonstrate and explain how to identify all lockable disconnects for each energy source of a piece of equipment.**

- Strongly Agree
- Agree
- Disagree
- Strongly Disagree

