



OSHA Lockout Tagout Regulations

OSHA's Volume 29 Code of Federal Regulation (CFR) 1910.147 standard addresses the control of hazardous energy when servicing or maintaining equipment.

- (1) Scope. (i) This standard covers the servicing and maintenance of machines and equipment in which the unexpected energization or start up of the machines or equipment, or release of stored energy could cause injury to employees. This standard establishes minimum performance requirements for the control of such hazardous energy.
- (2) Application. (i) This standard applies to the control of energy during servicing and / or maintenance of machines and equipment.
- (3) Purpose. (i) This section requires employers to establish a program and utilize procedures for affixing appropriate lockout devices or tagout devices to energy isolating devices, and to otherwise disable machines or equipment to prevent unexpected energization, start-up or release of stored energy in order to prevent injury to employees.



1910.147(c) OSHA Energy Control Policy; Synopsis of Requirements

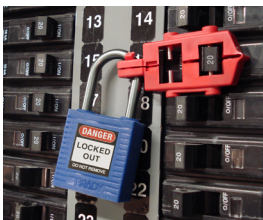
An energy control policy must be documented and at a minimum should cover the following aspects of the program:

- Purpose and scope of the program
- Personnel authorized to perform LOTO
- Enforcement policy
- Training methods
- Group lockout procedures
- Shift transfer procedures
- Lock removal procedures
- Method for auditing & updating procedures
- Coordination with outside contractors



1910.147(c)(4) Energy Control Procedures; Synopsis of Requirements

- Procedures must be documented and must identify the equipment covered.
- A separate procedure must be created for each piece of equipment to be locked out. There are exceptions where multiple machines may be grouped under a single procedure.
- The procedure must include specific steps for shutting down, isolating, blocking and securing equipment to control hazardous energy.
- Specific steps for the placement, removal and transfer of Lockout Tagout devices should also be included.
- The employer shall conduct and certify periodic inspections at least annually.



1910.147(c)(5) OSHA Lockout Device Requirements

Lockout devices must:

- Be provided by the employer.
- Be standardized by size, shape or color.
- Be distinguishable from locks used for other purposes. Lockout locks should only be used for lockout!
- Identify the individual who applied the lock (both tags and lock labels are acceptable for this purpose).
- Be durable.
- Be strong enough to prevent removal except by using excessive force.
- Remain under the exclusive control of the individual who attached them.



1910.147(c)(5)(ii)(B) Standardized

Lockout and tagout devices shall be standardized within the facility in at least one of the following criteria: Color; shape; or size; and additionally, in the case of tagout devices, print and format shall be standardized.

1910.147(c)(5)(ii)(A) Durable

Lockout and tagout devices shall be capable of withstanding the environment to which they are exposed for the maximum period of time that exposure is expected.