

## HAZARDOUS ENERGY (LOCKOUT/TAGOUT) CHECKLIST

29 CFR 1910.147	DESCRIPTION	N/ A	YES	NO	REMARKS/ACTION TAKEN/DATE
(c)(1)	There is an established program consisting of energy control procedures, employee training and periodic inspections to ensure that before any employee performs any servicing or maintenance on a machine or equipment where the unexpected energizing, start up or release of stored energy could occur and cause injury, the machine or equipment shall be isolated and rendered inoperative.				
(c)(2)(i)	When an energy-isolating device is not capable of locked out, the employers energy control program utilizes a tagout system.				
(c)(2)(ii)	When an energy isolating device is capable of being locked out, the employer energy control program utilizes lockout, unless the employer can demonstrate that a tagout system will provide full employee protection as provided for in 29 CFR, Part 147 (c)(3).				
(c)(2)(iii)	Whenever major replacement, repair, renovation or modification of machines or equipment is performed, and whenever new machines or equipment are installed, energy isolating devices for such machines or equipment are designed to accept a lockout device.				
(c)(3)(i)	When a tagout device is used on any energy isolating device which is capable of being locked out, the tagout device is attached in the same location that the lockout device would have been attached, and the tagout program provides for a level of safety equivalent to that obtained by using a lockout program.				
(c)(5)(i)	Locks, tags, chains, wedges, key blocks, adaptor pins, self-locking fasteners, or other hardware provide for isolating, securing and blocking of machines or equipment from energy sources.				
(c)(5)(ii)	Are lockout devices and tagout devices singularly identified, the only device(s) used for controlling energy, and prohibited from use for other purposes?				
(c)(5)(ii) (A)	Lockout and tagout devices are capable of withstanding the environment to which they are exposed and for the maximum period of time that exposure is expected.				
(c)(5)(ii) (b)	Lockout and tagout devices are standardized within the facility, i.e., color, shape, paint, and format.				
(c)(5)(ii) (c)(1)	Lockout devices are substantial enough to prevent removal without the use of excessive force or unusual techniques, such as with the use of bolt cutters or other metal cutting tools.				

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(c)(5)(ii) (c)(2)	Tagout devices, including their means of attachment, are substantial enough to prevent inadvertent or accidental removal.				
(c)(5)(ii) (c)(2)	Tagout device attachments are of a non-reusable type, attachable by hand, self-locking, and non-releasable, with a minimum unlocking strength of no less than 50 pounds and with the general design and basic characteristics of being at least equivalent to a one-piece, all environment tolerant nylon cable tie.				
(c)(5)(iii)	Tagout devices warn against hazardous conditions if the machine or equipment is energized and include a legend such as "Do not start", "Do not open", "Do not close", "Do not energize", or "Do not operate".				
(c)(6)(i)	Periodic inspections of the energy control procedures are conducted at least annually to ensure that the procedures and the requirements of the standards are being followed.				
(c)(6)	Periodic inspections are certified, to include the date of the inspection, name of the inspector, machine or equipment identification.				
(c)(7)(i)	<p>The training program of the employer includes all the training elements listed below.</p> <ul style="list-style-type: none"> <li>a. Each authorized employee shall receive training in the recognition of applicable hazardous energy sources, the type and magnitude of the energy available in the workplace, and the methods and means necessary for energy isolation and control.</li> <li>b. Each affected employee shall be instructed in the purpose and use of the energy control feature.</li> <li>c. All other employees whose work operations are or may be in an area where energy control procedures may be utilized shall be instructed about the procedure, and about the prohibition relating to attempts to restart or reenergize machines or equipment which are locked out or tagged out.</li> </ul>				

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(c)(7)(ii)	<p>When tagout systems are used, does the employer provide the following additional training?</p> <ul style="list-style-type: none"> <li>a) Tags are essentially warning devices and do not provide the physical restraint on those devices that is provided by a lock</li> <li>b) When a tag is attached to an energy isolating means, it is not to be removed without authorization of the responsible person, and it is never to be bypassed, ignored, or otherwise defeated.</li> <li>c) Tags must be legible and understandable by all authorized employees, affected employees, and all other employees whose work areas are or may be in the area, in order to be effective.</li> <li>d) Tags and their means of attachment must be made of materials that will withstand the environmental conditions found in the workplace.</li> <li>e) Tags may evoke a false sense of security, and their meaning needs to be understood as part of the overall energy control program.</li> <li>f) Tags must be securely attached to energy isolating devices so that they cannot be accidentally or inadvertently detached during use.</li> </ul>				
(c)(iv)	The employer maintains written certification that employee training has been accomplished and is up to date, and includes each employee's name and date(s) of training.				
<b>Inspector:</b>		<b>Organization:</b>		<b>Date:</b>	