



CONTROL OF HAZARDOUS ENERGY

"Lockout/Tagout (LOTO)" refers to specific practices and procedures to safeguard employees from the unexpected energization or startup of machinery and equipment, or the release of hazardous energy during service or maintenance activities.

Approximately 3 million workers service equipment and face the greatest risk of injury if lockout/tagout is not properly implemented. Compliance with lockout/tagout prevents an estimated 120 fatalities and 50,000 injuries each year. Workers injured on the job from exposure to hazardous energy lose an average of 24 workdays for recuperation. In a study conducted by the United Auto Workers (UAW), 20% of the fatalities (83 of 414) that occurred among their members were attributed to inadequate hazardous energy control procedures specifically, lockout/tagout procedures.

LOTO requires that

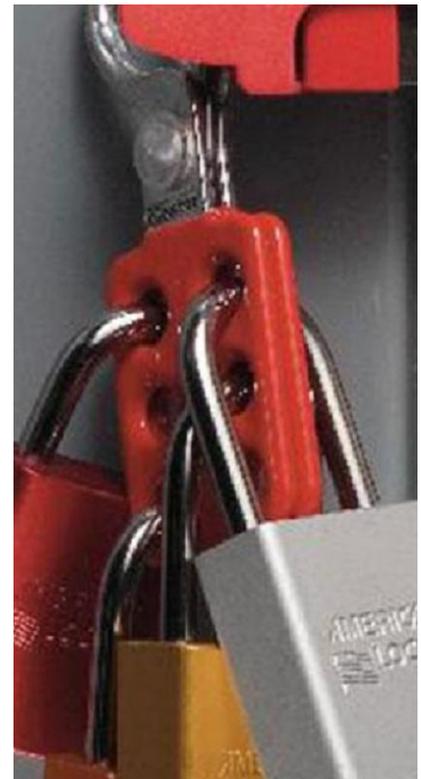
- An assigned person turns off and disconnects the machinery or equipment from its energy source(s) before performing service or maintenance; and
- The authorized person either locks or tags the energy-isolating device(s) to prevent the release of hazardous energy and take steps to verify that the energy has been isolated effectively.

HOW CAN YOU PROTECT WORKERS?

Lockout/tagout establishes the employer's responsibility to protect employees from hazardous energy sources on machines and equipment during service and maintenance. An energy control program suited to the needs of the particular workplace and the types of machines and equipment being maintained or serviced should be developed. This is generally done by affixing the appropriate lockout or tagout devices to energy-isolating devices and by de-energizing machines and equipment.

LOTO DEVICES

Lockout devices hold energy-isolation devices in a safe or "off" position. These devices prevent machines or equipment from becoming energized, because they can only be removed with a key or other unlocking mechanism, or through extraordinary means, such as bolt cutters.



FOR ENQUIRIES:

YOUR SAFETY DEPARTMENT, LLC

P + 1 888 859 5653
info@yoursafetydept.com
www.yoursafetydept.com

© 2014-2021 Your Safety Department, LLC. All rights reserved. The information contained herein is provided "as is" and Your Safety Department, LLC does not warrant that it will be error-free or will meet any particular criteria of performance or quality. Do not quote or refer any information herein without Your Safety Department, LLC' prior consent. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



YOUR SAFETY Department

— SAFETY Solutions —

Tagout devices are prominent warning devices that an authorized employee fastens to energy-isolating devices to warn employees not to re-energize the machine or equipment while that employee services or maintains it. Tagout devices are easier to remove and, by themselves, provide employees with less protection than do lockout devices.

TRAINING

Employees should be trained in:

- Aspects of the employer's energy control program.
- Elements of the energy control program relevant to the employee's duties or assignment.
- The various requirements as set forth by local and/or regional regulatory standards related to lockout/ tagout.

RECOMMENDATIONS

When workers are exposed to hazardous energy while servicing and maintaining equipment and machinery, consider:

- Development, implementation, and enforcement of an energy control program.
- Use lockout devices for equipment that can be locked out. Tagout devices may be used only in place of lockout devices if the tagout program provides employee protection equivalent to that provided through a lockout program.
- Ensure that new or overhauled equipment has lockout tagout capability.
- Develop, implement, and enforce an effective tagout program if machines or equipment are unable to be locked out.

- Develop, document, implement and enforce energy control procedures.
- Use only lockout/tagout devices authorized for the equipment or machinery and ensure that they are durable, standardized, and substantial.
- Ensure that lockout/tagout devices identify the individual users.
- Establish a policy that permits only the worker who applied a lockout/ tagout device removes it.
- Inspect energy control procedures at least annually.
- Comply with the additional energy control provisions as set forth by local and/or regional regulatory agencies.



