

## **Lockout / Tagout**

Energy sources including electrical, mechanical, hydraulic, pneumatic, chemical, thermal, or other sources in machines and equipment can be hazardous to workers. During the servicing and maintenance of machines and equipment, the unexpected startup or release of stored energy can result in serious injury or death to workers. Workers servicing or maintaining machines or equipment may be seriously injured or killed if hazardous energy is not properly controlled.

Proper lockout/tagout (LOTO) practices and procedures safeguard workers from hazardous energy releases. OSHA's Lockout/Tagout describes the practices and procedures necessary to disable machinery or equipment to prevent hazardous energy release. The OSHA standard for The Control of Hazardous Energy (Lockout/Tagout) ([29 CFR 1910.147](#)) for general industry outlines measures for controlling different types of hazardous energy. The LOTO standard establishes the employer's responsibility to protect workers from hazardous energy. Employers are also required to train each worker to ensure that they know, understand, and are able to follow the applicable provisions of the hazardous energy control procedures.

This Lockout / Tagout (LOTO) course is four hours of training designed for employees who are responsible for worker safety, maintenance, or employees who are exposed to hazardous energy.

- Lockout Tagout Procedure including verification steps
- Hardware
- Documentation requirements
- Steps for neutralizing and/or controlling hazardous energies
- Hands on demonstration required by the Lockout Tagout Procedure
- Electrical Safety Subpart S including the new Arc Flash requirements