Improve workplace efficiency while meeting safety compliance objectives

Certain tasks in the workplace may require potentially hazardous energy sources be available in order to complete testing, setup, positioning, robotic training, and other critical activities. In some instances, full energy isolation may impact workplace efficiency, resulting in compromised data or long restart times of machinery. Other maintenance tasks may also periodically require partial energization in order to complete important work.

When full lockout is reasonably determined and documented to not be practical, procedures using alternative methods can provide a level of worker protection that is essentially equivalent to a zero-energy condition. OSHA recognizes alternative methods as exceptions to lockout for routine and repetitive production-related activities.

Alternative methods can be a valuable part of a safe, compliant work environment and can protect workers while increasing their efficiency when full lockout is difficult or impossible to perform. Procedures using alternative methods establish best practices to help reduce or eliminate the hazards of unexpected startup and the possibility for the harmful release of energy.

Following best practices provided by ANSI/ASSE Z244.1-2016, Master Lock offers on-site evaluation services and in-person training for the development of alternative procedures.

**ALTERNATIVE PROCEDURES: SERVICE**
- Master Lock safety experts complete on-site, task-based risk assessments and document alternative procedures to lockout

**ALTERNATIVE PROCEDURES: TRAINING**
- Master Lock safety experts train your personnel on lockout procedure writing for full isolation, followed by training on how to perform task-based risk assessments and create alternative procedures
Alternative Procedures Development Service

In this on-site service, Master Lock technicians will analyze machinery, evaluate the need for energy to be present, perform risk assessments, and document alternative procedures to help safeguard personnel. Alternative procedures are created following a job safety analysis/risk assessment format. The development of all machine-specific alternative procedures will follow the ANSI/ASSE Z244.1-2016 standard.

Deliverables of Service:
• Machine-specific alternative procedures
• Laminated procedure sheets with index
• Editable electronic files for all alternative procedures created

Alternative Procedures Training

This specialized training is delivered by our machinery experts in hands-on sessions over two days. It begins with lockout procedure writing for full isolation. Participants will then learn how to evaluate and develop alternative protective methods and write procedures for production and maintenance operations that require energy. This course is based on ANSI/ASSE Z244.1-2016 guidance and meets OSHA 29CFR 1910.147 requirements.

Deliverables of Training:
• Alternative methods template
• Risk assessment tool
• Practicality assessment tool
• Documentation of multiple workplace-specific alternative procedures

ADDITIONAL EVALUATION & TRAINING SERVICES:
• Machine Guarding – Findings and recommendations
• Confined Space Hazard Assessments – Permit entry requirements
• Rapid Access to Lockout Equipment – Lean 5S organizational techniques and principles

PROFESSIONAL LOCKOUT SERVICES ALSO OFFERED:
• Lockout Program Development
• Visual Lockout Procedure Development
• Compliance Training
• Inspections & Audits

For information on professional lockout services, visit masterlocksafety.com