



OSHA Standard 1910-147 - The Control of Hazardous Energy

Applies to all employees that may be required to remove or bypass a guard or other safety device; or is required to place part of his/her body into an area on a machine or piece of equipment where work is actually performed upon the material being processed (point of operation) or where an associated danger zone exists during a machine operating cycle.

Equipment Description:

Location:

Types and magnitude of energy and hazards:

Energy Source(s):	Magnitude:
1. Electrical	
2. Mechanical	
3. Hydraulic	
4. Pneumatic	
5. Chemical	Consult SDS
6. Thermal	
7. Other	

Energy control program procedural steps for shutting down, isolating, blocking and securing machines or equipment to control hazardous energy:

1. Electrical –
2. Mechanical –
3. Hydraulic –
4. Pneumatic –
5. Chemical –
6. Thermal –
7. Other –

The machine is now locked out. Try to start up the equipment prior to working on the machine, to ensure that the machine is de-energized. Always keep the machine in the off position while working on it. Only trained and authorized personnel can lockout equipment and failure to follow all steps will result in disciplinary action against the employee not following all steps of lockout.

Restoring equipment to service. When the servicing or maintenance is completed and the machine or equipment is ready to return to normal operating conditions, the following steps shall be taken:

1. Check the machine or equipment and the immediate area around the machine to ensure that nonessential items have been removed and that the machine or equipment components are operationally intact.
2. Check the work area to ensure that all employees have been safely positioned or removed from the area.
3. Verify that the controls are in neutral.
4. Remove the lockout devices and reenergize the machine or equipment.
5. Notify affected employees that the servicing or maintenance is completed and the machine or equipment is ready for use.

Certified By: *SMS_SafetyDirector* Date: _____

Certified By: *SMS_SafetyDirector2* Date: _____