



Monthly Safety Tip

Personal Protective Equipment (PPE)

What is LOTO?

LOTO is the method used to prevent the release of stored energy in mechanical equipment. LOTO is required when someone services or repairs machinery or equipment; and the unexpected release or start-up of stored energy could cause injury. By preventing the release of stored energy, you can prevent serious workplace injuries. LOTO is very important when servicing balers, meat cutters, electrical boxes, trash compactors, compressors, ammonia lines, etc. Only Authorized employees who have been trained are allowed to conduct the LOTO procedures.

Know the Procedures

- Shut down the equipment
- Isolate the energy source
- Place Locks & Tags on energy source
- Release and block residual energy at source
- Secure equipment for work
- Authorized employee:
 - Properly plan the job and notify all affected employees in the work area
 - Shut down the equipment at the operation controls
 - Isolate all energy sources to equipment
 - Lock and tag all isolating devices
 - Dissipate all stored or residual energy sources
 - Verify the isolation
- Affected employee :
 - Are employees who work on or around a piece of equipment, but are not authorized to shut down equipment.

Items needed for LOTO

- Written LOTO program
- Locks & Tags—identified to the worker
- Training
- Periodic inspection of process

Lockout devices

- Blank Flanges (pancakes) - for fluid lines
- Plug Buckets - for electrical plugs
- Lock, tag, and key - individual lockout
- Lockout hasps - multiple lockouts



Types of Energy

- Electrical
- Mechanical
- Chemical
- Gravity
- Thermal
- Hydraulic
- Pneumatic