

Lockout - Tagout

Safety Training Handout

Control of Hazardous Energy

Workers may be seriously injured or killed if hazardous energy is not controlled

Lockout/tagout (LOTO) is a process to disable machinery & equipment thus preventing the release of hazardous energy

Proper LOTO safeguards workers from hazardous energy release during servicing & maintenance

Hazards of not using Lockout Tagout

Amputation

Burns

Cuts

Fractures

Electrocution

Chemical Exposure

Only authorized employees are certified to lock & tagout machinery and equipment

Never approach or attempt to operate machinery that is locked-out in any manner whatsoever!

Types of Hazardous Energy

- Electrical
- Thermal
- Gravitational
- Chemical
- Stored
- Motion
- Hydraulic
- Pneumatic

Types of Lockout Devices

- Breaker Clips
- Plug Buckets
- Blank Flanges
- Threaded Pipe Caps
- Threaded Pipe Plugs
- Expansion Plugs
- Pancake Flanges
- Handwheel Caps
- Lever Locks

