

SAFETY MONDAY

Lockout/Tagout (LOTO): WHAT YOU NEED TO KNOW

Protecting Workers from Hidden Dangers in Stored Energy



OSHA STANDARD

LOTO is covered under
29 CFR 1910.147
(General Industry)



PURPOSE OF LOTO

To protect workers from injury or death caused by unexpected startup or energy release during maintenance.

COMMON CONTROL METHODS

- Lockout/tagout devices
- Wheel chocks
- Hydraulic clamps
- Jack stands
- Tire cages
- Cool-down periods



Removal Rule

Only the person who applied the device may remove it.
See OSHA sections 1910.147(e) & (f) for exceptions



WHAT IS STORED ENERGY?

Energy that's "waiting" to be released – even if equipment looks off



Electrical



Heat



Hydraulic



Mechanical



Gravity



Compressed Air



WHY IT MATTERS

REAL LOTO INCIDENTS (FROM OSHA RECORDS)

An employee entered a compactor to clear material without LOTO and lost their foot when the ram closed.

While replacing a radiator inside a baler, an arc flash from a 600V panel caused shock and burns to 45–50% of the body.

LOTO SAVES LIVES

Don't assume a machine is safe without LOTO

1

Identify the energy source

2

Lock it out

3

Confirm it's safe