Toolbox KITS

LOCKOUT TAGOUT (LOTO) TRAINING

# Lockout tagout (LOTO) training

Standard: 29 CFR 1910.147, the control of hazardous energy

About 45 minutes, with a 10-question quiz

39 slides | About 45 minutes | 10-question quiz | English + Spanish



SAMPLE

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MODULE 1

# The hazard: energy that does not stay off

- [ ] Unexpected start up, energization or release of stored energy can injure workers during servicing. 1910.147(a)(1)(i)
- [ ] Energy can be electrical, mechanical, hydraulic, pneumatic, chemical, thermal or another kind. 1910.147(b)
- [ ] One machine can have several energy sources, like power, air and hydraulics.
- [ ] **Energy can stay after shutdown**
  springs, raised parts, trapped air or fluid, capacitors and heat.
- [ ] A coworker who cannot see you can start a machine if nothing stops them.
- [ ] A lock keeps the isolating device and the machine from being operated until the lock is removed. 1910.147(b)

29 CFR 1910.147(a)(1)(i) · 1910.147(b)

SAMPLE

Toolbox KITS

Crew handout

# Lockout tagout: crew handout

29 CFR 1910.147

## Do

- Know every energy source on the machine before you start
- Use the written procedure for that machine, in order, every time
- Tell affected workers before the locks go on and after they come off
- Put your own lock and tag on every energy isolating device
- Release or block stored energy, then verify before you touch anything
- Keep your key with you until the job is done
- Put your personal lock on the group lockbox when you work as a crew
- Check that tools are cleared and everyone is clear before restart

## Don't

- Use a stop button or selector switch as a lockout point
- Remove, cut or bypass anyone else's lock or tag
- Try to start equipment that is locked or tagged out
- Use your lockout lock or tag for anything else
- Lend your key or leave it in the lock
- Skip verification because the job is small or you are in a hurry

SAMPLE

**Remember** **If it can move or release energy, lock it out and verify it before you reach in.**

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