## LOCK OUT for everyone's SAFETY

A LOCK OUT is a method, device or procedure for preventing the sudden and uncontrolled release of energy from a system, machine or piece of equipment.

Without a LOCK OUT, workers can be injured during equipment repairs, maintenance, cleaning, altering, oiling or when electricity is restored after a power outage.

Today's computer-operated equipment can start and stop in an even more unpredictable manner.

Locals 175 & 633
CANADA®

The Local Union for All Workers

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# HEALTH & SAFETY

### What You Need To Know About

#### LOCK OUT





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**ALWAYS ACHIEVE ZERO ENERGY** 

#### **ACHIEVE ZERO ENERGY**

- Before turning off power, ensure no one is operating the affected machinery – a sudden loss of power could cause an accident.
- Make all energy sources, whether electric, pneumatic, hydraulic or gravitational, NON-OPERATIONAL before performing maintenance.
- Bleed, drain and clear all air, hydraulic and steam lines.
- Open and vent air and condensate valves.
- Release and block any mechanism under tension and support any rams with safety blocks (fully interlocked if possible) or pins.
- Test main valves or electrical disconnect to ensure power is off.
- Every person working on the affected machine must put their own lock on the machine's lock out device(s).
- Each lock must remain on the machine until the work is completed.

#### Your Workplace Needs a Lock Out Policy and Procedure

- Identify lock out situations
- Develop a procedure
- Train workers in the procedure
- Keep your policy/procedures up to date.



The Occupational Health & Safety Act (OHSA) contains specific lock out requirements under the Industrial Sector regulations. The Ministry of Labour has a useful engineering data sheet on lock out as well.

#### DO NOT just pull a fuse!

DO NOT rely on throwing a circuit breaker or switch!

DO NOT BEGIN WORK on the machine until you are sure the power is off and your lock is on!

ALWAYS
use a lock and keep the ONLY
key somewhere safe like in
your pocket.

ALWAYS
achieve ZERO energy
before performing
any tasks.