

Verify



Prior to working in, on, or around any equipment, machine, process, or operation where there is a hazard from activation of electrical, thermal, hydraulic, chemical, radiation or stored sources of energy, the equipment, machine, process or operation will be secured against unexpected movement and/or exposing miners to other hazards involving these sources of energy.



**KNOW &
UNDERSTAND
YOUR COMPANY'S
LOCK-OUT
TAG OUT
PROCEDURES**

Lock-Out/Tag Out Procedures

- Notify “affected” employees and any employees working nearby.
- Shut down the equipment.
- Identify all energy sources and possible hazards.
- Disconnect the power.
- Lock-Out/Tag Out equipment.
- Neutralize other possible energy sources.
 - Lower all suspended parts.
 - Block movable parts.
 - Drain or bleed hydraulic lines to remove pressure.
 - Release or block spring energy.
 - Secure machine parts to be sure they can't move or fall unexpectedly.
 - Drain capacitors and other sources of stored energy.
- Test Equipment (if not energized). Perform service/maintenance.
- Push start buttons (Twice). Return to “off” or neutral position.

Test Electric Circuits. (Only a “Certified” Person can do this.)
- After Completion, before starting work, double check everything.

Equipment – in operating condition. (Controls are in neutral.)

Guards – in place.

Tools – removed.
- Braces, pins, blocks, chains – removed.
- Work Area – cleared.
- Personnel – out of Danger Zone.
- Affected persons notified of startup.
- Tags and locks – removed by the authorized persons who installed them.
- Reenergize.



WEST VIRGINIA OFFICE OF
MHS&T

MINERS' HEALTH SAFETY & TRAINING