

Lockout/Tagout Procedure OSHA 29 CFR: 1910.147

Chiller 1

CONDENSER PRODUCTS

Building: North Quad | Location: Materials Room | Equipment #: 0401 | Procedure #: 53241

LOCKOUT/TAGOUT DEVICES REQUIRED: 9 **LOCKOUT POINTS: 3**

3 Qty Tags 3 Qty Locks 1 Qty Hasp 2 Qty Ball Valve Lockouts



WARNING

Disconnecting equipment does not guarantee a complete lockout.

Perform Shutdown

- 1) Notify affected personnel and others.
- 2) Identify ALL energy sources.
- 3) Perform normal shutdown procedure.
- 4) Isolate power at main source.
- 5) Attempt restart.
- 6) Lockout and tag ALL energy sources.

Release Stored Energy

- 1) Drain valves, bleed off air, and eliminate hydraulic pressure.
- 2) Ensure all energy is released.

Restore Power

- 1) Account for all tools.
- 2) Replace all machine guards.
- 3) Remove all tags and locks.
- 4) Reconnect all power sources.
- 5) Restart the machine.


Hazardous Energy Legend:


ID	SOURCE	DEVICE	LOCATION	METHOD	CHECK
E-1	230 V	Padlock	Electrical box labeled Panel P-1, 2, 3 on wall behind equipment.	Switch E-1 to off position. Apply hasp, lock, and tag.	Attempt equipment restart.
W-1	Chilled Water Return	Ball valve lockout	Directly behind equipment.	Turn W-1 valve to closed position. Apply device, hasp, lock, and tag.	Check line for pressure.
W-2	Chilled Water Supply	Ball valve lockout	Directly behind equipment.	Turn W-2 valve to closed position. Apply device, hasp, lock, and tag.	Check line for pressure.


LOTO COMPLIANCE CHECKLIST


A Quick Self-Audit Tool for EHS Managers, Safety Coordinators, and Maintenance Personnel.


Checklist aligned with OSHA 29 CFR 1910.147 and ANSI Z244.1-2020

1. WRITTEN LOTO PROGRAM [29 CFR 1910.147(c)(1) / ANSI Z244.1 §5.1]		Yes	No	N/A	Comments
Does your organization have a written LOTO program in place?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Is the program reviewed annually?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Is the program specific to your equipment and processes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

2. EQUIPMENT SPECIFIC PROCEDURES [29 CFR 1910.147(c)(4) / ANSI Z244.1 §5.2]		Yes	No	N/A	Comments
Are there LOTO procedures for every piece of equipment that requires it?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Do procedures identify all energy sources (electrical, pneumatic, hydraulic, thermal, etc.)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Do procedures include clear shutdown, lockout, verification, and restart steps?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

3. EMPLOYEE TRAINING [29 CFR 1910.147(c)(7) / ANSI Z244.1 §6.2]		Yes	No	N/A	Comments
Have all authorized employees been trained in LOTO procedures?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Have all affected employees been informed of the LOTO program?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Are new employees trained during onboarding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Is training refreshed annually or after changes to the equipment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

4. LOTO DEVICES, LABELING & SIGNAGE [29 CFR 1910.147(c)(5) / ANSI Z244.1 §7.3]		Yes	No	N/A	Comments
Are all isolation points (valves, breakers, disconnects) labeled clearly?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are LOTO devices (locks, tags) standardized and color-coded?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are warning signs or LOTO instructions posted near critical machinery?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are locks, tags, hasps, and devices in good condition?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are there enough devices for all shifts and tasks?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are devices stored in designated, accessible locations?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

5. VERIFICATION, TESTING & DOCUMENTATION [ANSI Z244.1 §5.4, §7.4]		Yes	No	N/A	Comments
Is energy de-energization verified before work begins?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are procedures in place for stored energy (residual, gravity, etc.)?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are test-restart steps clearly outlined?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are annual LOTO audits being performed?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do audits include both procedure and employee performance?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are audit findings documented and retained?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Next Steps

! Not 100% Compliant?

You're not alone — many facilities miss critical elements and risk OSHA violations.

Let Us Help

LockoutSafetyPros offers:

- Full LOTO Audits
- Procedure Development
- Equipment Labeling

Reach out to us today:

Website: <https://www.lockoutsafetypros.com>

Email: info@lockoutsafetypros.com

Phone: +1 (346) 338 0243