

AMENDATORY SECTION (Amending WSR 04-15-105, filed 7/20/04, effective 11/1/04)

WAC 296-803-30005 Make sure new or modified machines and equipment can accept lockout devices.

You must:

- Make sure energy-isolating devices designed to accept a lockout device are provided on machines and equipment that:
 - Are newly installed.

OR

- Have undergone major replacement, repair, renovation, or modification after July 2, 1990.

~~((Are renovated or modified.))~~

AMENDATORY SECTION (Amending WSR 04-15-105, filed 7/20/04, effective 11/1/04)

WAC 296-803-40005 Provide appropriate means to control energy.

You must:

- Provide the means necessary to isolate, secure, or block machines and equipment from energy sources.

Note: Examples of means to control energy include:

- Locks.
- Tags.
- Chains.
- Wedges.
- Key blocks.
- Adapter pins.
- Self-locking fasteners.
- ~~((Blind))~~ Blank flanges.
- Cribbing.

AMENDATORY SECTION (Amending WSR 04-15-105, filed 7/20/04, effective 11/1/04)

WAC 296-803-50010 Meet these requirements when applying lockout or tagout devices.

You must:

- Make sure, before a machine or equipment is turned off, that

the authorized employee knows **all** of the following:

- Type and magnitude of the energy.
- Hazards of the energy to be controlled.
- Method or means to control the energy.
- Turn off or shut down the machine or equipment using established procedures. An orderly shut down is necessary to avoid any additional or increased hazard to employees as a result of the equipment stoppage.
 - Completely isolate the machine or equipment from its energy sources using the appropriate energy-isolating devices after the machine or equipment has been turned off.
 - Make sure you or the authorized employee notify affected employees that the machine or equipment is being locked or tagged out before the devices are applied.
 - Make sure a lockout or tagout device is applied:
 - For each energy-isolating device.
 - Only by the authorized employee doing the service or maintenance.

AMENDATORY SECTION (Amending WSR 04-15-105, filed 7/20/04, effective 11/1/04)

WAC 296-803-60015 Retrain employees when necessary.

You must:

- Retrain authorized and affected employees to introduce new or revised control methods and procedures when there's a change in **any** of the following:
 - Job assignments.
 - Machines, equipment, or processes that present a new hazard.
 - Energy control procedures.
 - Retrain employees to reestablish proficiency when:
 - A periodic (~~(inspection)~~) review shows the employee deviates from, or has inadequate knowledge of, the energy control procedures;
- OR**
- The employer has reason to believe retraining is necessary.

AMENDATORY SECTION (Amending WSR 04-15-105, filed 7/20/04, effective 11/1/04)

WAC 296-803-800 Definitions.

Affected employee. An employee who's required to operate, use, or be in the area where a machine or equipment could be locked or tagged out for service or maintenance.

Authorized employee. An employee who locks or tags out a machine or equipment to do service or maintenance.

Can be locked out. An energy-isolating device that can be locked in the "off" or "safe" position.

Employer. Based on chapter 49.17 RCW, an employer is any person, firm, corporation, partnership, business trust, legal representative, or other business entity which engages in any business, industry, profession, or activity in this state and employs one or more employees or who contracts with one or more persons, the essence of which is the personal labor of such person or persons and includes the state, counties, cities, and all municipal corporations, public corporations, political subdivisions of the state, and charitable organizations: Provided, That any persons, partnership, or business entity not having employees, and who is covered by the Industrial Insurance Act must be considered both an employer and an employee.

Energized. Connected to an energy source or containing residual or stored energy.

Energy-isolating device. A mechanical device that physically prevents transmitting or releasing energy. This includes, but is not limited to:

- Manually operated electrical circuit breakers.
- Disconnect switches.
- Manually operated switches that disconnect the conductors of a circuit from all ungrounded supply conductors if no pole of the switch can be operated independently.
- Line valves.
- Blocks.
- Similar devices used to block or isolate energy.

Push buttons, selector switches and other control circuit type devices are not energy isolating devices.

Energy source. Any source of electrical, mechanical, hydraulic, pneumatic, chemical, thermal or other energy, including gravity.

Hot tap. A procedure which involves welding on pressurized pipelines, vessels, or tanks to install connections or accessories. It's commonly used to replace or add sections of pipeline used in air, gas, water, steam, and petrochemical distribution systems without interrupting service.

Lockout. Placing a lockout device on an energy-isolating device using an established procedure to make sure the machine or equipment cannot be operated until the lockout device is removed.

Lockout device. A device that uses a positive means, such as a key or combination lock, to hold an energy-isolating device in the "safe" or "off" position. This includes blank flanges and bolted slip blinds.

Normal production operations. Using a machine or equipment for its intended production function.

Primary authorized employee. An authorized employee who has overall responsibility for meeting the requirements of the lockout/tagout procedures.

Service and maintenance. Activities such as constructing,

installing, setting-up, adjusting, inspecting, modifying, maintaining, and servicing machines or equipment. It also includes lubricating, cleaning, unjamming, and making tool changes.

Setting-up. Work done to prepare a machine or equipment for normal production operations.

Tagout. Placing a tagout device on an energy-isolating device using an established procedure to indicate that the energy-isolating device and the machine or equipment being controlled may not be operated until the tagout device is removed.

Tagout device. A prominent warning device, such as a tag and a means of attachment. It can be securely fastened to an energy-isolating device to indicate that the energy-isolating device and the machine or equipment being controlled may not be operated until the tagout device is removed.

You. See definition of employer.