

# Instructions

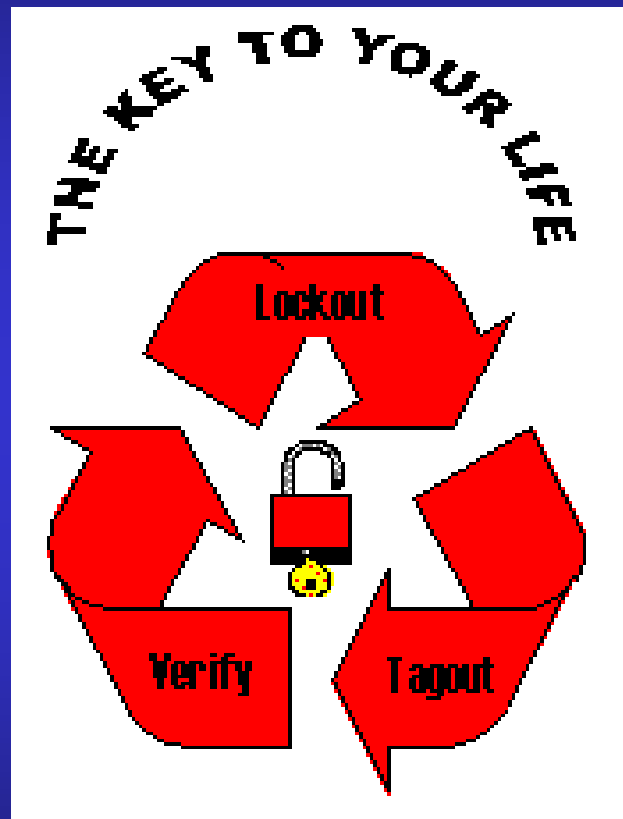
To complete this independent study program, view the entire program, advancing through each slide by pressing the “enter” key.

While viewing the slides, complete the accompanying Independent Study Test.

If needed, you can move backwards through slides by pressing the “backspace” key.

Start the program by pressing “enter”.

# LOCKOUT/TAGOUT PROGRAM



Newburgh Fire Department

# Purpose

The primary purpose of the Lockout/Tagout Program is to prevent the unintended release of hazardous energy while emergency response personnel are working on or around equipment or energy sources.

# Purpose

Energy sources that are not neutralized and locked out have the potential to cause severe injury, disfigurement, or death from electric shock, contact with rotating machinery, burns and other causes.

# Scope

Lockout/Tagout procedures are required when it is necessary to work on or around any equipment that that may release any form of hazardous energy, including, but not limited to electrical, rotational, mechanical, radiation, chemical, hydraulic or pneumatic energy sources.

# OSHA Regulations

Lockout/Tagout Electrical Safety Procedures are regulated by OSHA 1910.332.

- Requires employers whose personnel may be called upon to respond to emergencies involving work on or around hazardous energy sources to receive training at initial assignment of duties and each year thereafter.

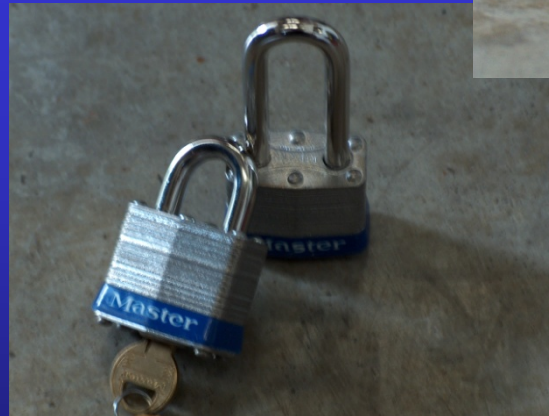
# Energy Control Devices

An energy isolation device is a mechanical device that physically prevents the transmission or release of energy.

These devices ensure a zero energy state during fire suppression and rescue activities.

# Locks

Master locks used  
by the Newburgh  
Fire Department





# Other Lockout Devices

- Other devices used in conjunction with locks are tags, chains, valve bonnets, and other hardware for the isolating, securing or blocking of machines or equipment from energy sources.

# Personal Danger Tags

- Personal Danger Tag – Used for personal protection during lockout.
- Removed once personnel have vacated the area.



# Personal Danger Tags

- Used for firefighter protection.
- Used in conjunction with a lock every time.
- Must be removed when task completed.



# Equipment Danger Tags

- Equipment Danger Tag – Used to designate equipment in need of repair.
- Left on equipment until repairs are made by maintenance personnel.



# Equipment Danger Tags

- Designates equipment in need of repair.
- Tag stub attached to run report by Officer.
- Placed on equipment using wire or zip tie only.

# Lockout Procedure

- Preparation for Shutdown.
- Shutdown.
- Isolation.
- Lock and Tag.
- Verification.

During Verification, the system must be tested and checked for stored energy.



# Standard Operating Procedures

Newburgh Fire Department Standard Operating Procedures require the assistance of qualified maintenance personnel if there is any doubt as to whether an energy source can be safely locked out.

# Tag Only Procedure

Used only when the equipment is not physically capable of accepting a lock or when placing a lock on the equipment is considered to be a danger itself.

Firefighter safety must be assured to a level of safety equivalent to that obtained by using locks and tags.



# Tag Only Procedure

- Verify Device will not accept Lock.
- Document Equivalent Safety Plan
- Apply Tag with Wire Tie
- Complete Tag Only Authorization
- Attach Documentation to Run Report.



# Release From Lockout/Tagout

- Inspection / Preparation for Release.
- Remove Lock and/or Tag Devices.
- Notification.

# Special Removal Procedures

- Used when Company Officer applying lock and/or tag is not available to remove the devices.
- Evaluation, Verification and Removal will be performed by the Incident Commander, Safety Officer, Asst. Chief, or Chief.

# Instructions

Answer the test questions and place completed test in Nick Donnan's (1106) box. A passing grade of 70% is required to get credit for this Mandatory Training

A failure in submitting completed materials will result in not receiving credit for the Mandatory Training.