

# SPECIFIC ENERGY CONTROL PROCEDURES FOR EACH PIECE OR TYPE OF MACHINE OR EQUIPMENT

PROCEDURE NUMBER:

DATE:

COMPLETED BY:

MACHINES OR EQUIPMENT UTILIZING THIS PROCEDURE:

- |    |    |
|----|----|
| 1. | 3. |
| 2. | 4. |

## PROCEDURE FOR CONTROLLING HAZARDOUS ENERGY:

1. Be familiar with the sources of hazardous energy for the machine or equipment that will be serviced. Identify the sources of hazardous energy below for the above listed equipment.

SOURCES OF HAZARDOUS ENERGY:

Electrical  
Counterweight  
Pneumatic  
Other \_\_\_\_\_

Engine  
Flywheel  
Chemical

Spring  
Hydraulic  
Thermal

2. Notify affected employees that the machine is about to be shut down and locked out.
3. Shut down the machine using the following procedures:
4. Isolate all energy sources listed in step 1 above using the following procedures:
5. Apply tags or locks as follows:
  - a. Apply personal lockout devices and/or padlocks to all isolation devices operated in step 4.
  - b. If a tag is used in lieu of a lock when the energy isolation device is incapable of lockout, the following additional safety precaution(s) must be taken:

- 1)
- 2)
6. Block or dissipate all stored energy in rams, flywheels, springs, pneumatic or hydraulic systems, etc.
7. Verify that the machine is locked out by attempting to start the machine using the following procedures. The machine should not start. **Return all controls to the neutral or off position after attempting the start.**
8. If work will not be completed by the end of your tour:
  - a. Inform your supervisor in advance. Advise your supervisor that an employee from the oncoming tour will be needed to affix his/her lockout in place of yours.
  - b. Have other employee(s) remove their lock(s) from your lockout device(s). Ensure that all tools, lubricants, rags, etc., are removed from the work area. Loose parts are to be gathered in a central area. Pass on any pertinent information to the oncoming tour employee while having him/her affix his/her lockout device in place of yours.

#### **PROCEDURE FOR REMOVING LOCKS/TAGS:**

1. Physically walk around the machine. Check to be sure that all safety covers, guards, and panels have been replaced.
2. Check to be sure all employees are safely positioned.
3. Notify supervisor and all other affected employees that locks/tags are going to be removed and the machine is ready for operation.
4. Remove all safety padlocks/devices, blocks, and other energy restraints.
5. Restore all energy to the machine using the following procedures:
  6. Operate the machine to ensure proper operation.

#### **OTHER COMMENTS:**