

West Machine Shop



2 Lockout Devices Needed

**Description:** Procedure for locking out Mazak QTV250 CNC Lathe #1501 in the West Machine Shop.

**Potential Hazards:**




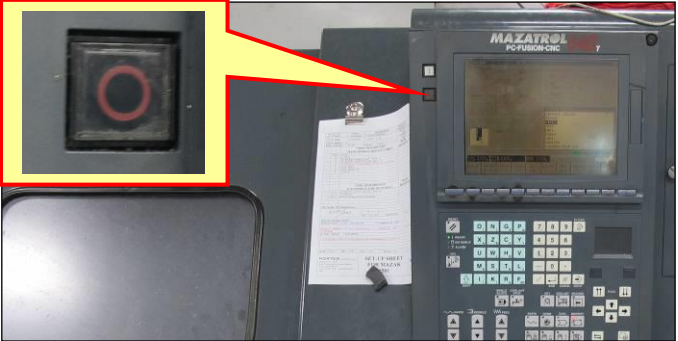
Electrical discharge can occur when opening disconnects. Stand to the side in case of energy release.



In the automatic mode, the machine may start without warning. Keep hands clear unless the unit is locked out in a safe condition.



**Mazak QTV250 CNC Lathe #1501**

<b>1</b> Prerequisites	
	1. Notify the affected employees and identify the energy sources.
<b>2</b> Shut Down Equipment	
	1. Press the E-Stop button on the control panel.
	2. Press the Control Power OFF (0) button on the control panel.


**3 Lock Out Equipment**

**3A Open Main Disconnect**

**Electrical  
240V**



1. Turn the Main Disconnect Switch OFF.


2. Apply lock and tag. 

**3B Close Air Supply Valve**

**Compressed  
Air 120 PSI**



3. Close the main air supply valve.

4. Apply lock and tag. 

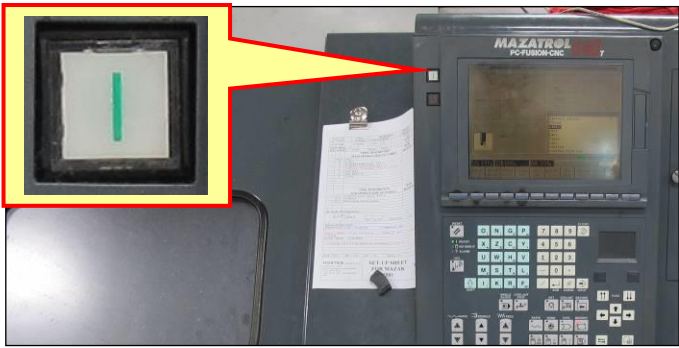
**4 Remove Stored Energy**

1. Electrical isolation only – use standard work practices to remove residual or stored voltages from capacitors and components.

## 5 Verify Isolation



1. Pull out the E-Stop button on the control panel.



2. Press the Control Power ON (1) button.
  - Verify that unit does not power up.

## 6 Restore Equipment to Operation

When the servicing or maintenance is completed and the machine or equipment is ready to return to normal operating condition, the following steps shall be taken:

1. Check the machine or equipment and the immediate area around the machine to ensure that nonessential items have been removed and that the machine or equipment components are operationally intact.
2. Verify that the controls are in proper position prior to re-energizing equipment.
3. Remove the lockout devices and reenergize the machine or equipment in the reverse order in which they were applied.
4. Notify affected employees that servicing is complete and the equipment is ready for operational test.