

## LOTO PROCEDURE MAZAK QTV250 CNC LATHE #1501



ASSET TAG# - Q1501

LOTO# - LOTO-NPH-7452, Rev. 0

**Location:** West Machine Shop



**Lock & Tags Needed:** 2

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



**Mazak QTV250 CNC Lathe #1501**

**ALWAYS PERFORM A MACHINE STOP BEFORE LOCKING OUT DISCONNECTS**

### ENERGY SOURCES

ENERGY SOURCE	DEVICES	LOCATION	METHOD	CHECK	
E-1	Electrical 480 VAC	Lock	Main Disconnect switch E-1	Open Disconnect and Lock Out	Attempt Restart at CP-1
P-1	Pneumatic- 120 PSI	Lock	Main Air Supply Valve P-1	Close Valve and Lock Out	Verify Pressure is Bled Off

# LOTO PROCEDURE

## MAZAK QTV250 CNC LATHE #1501



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**1**

### Shutdown, Lockout/Tryout Steps

1. Notify the affected employees and identify the energy sources.
2. Press the E-Stop button on the control panel.
3. Press the Control Power OFF (0) button on the control panel.
4. Turn the Main Disconnect Switch OFF. Apply lock and tag.
5. Close the main air supply valve. Apply lock and tag.
6. **ELECTRICAL ISOLATION ONLY** – use standard work practices to remove residual or stored voltages from capacitors and components.
7. Verify isolation by doing the following:
  - 7.1. Pull out the E-Stop button on the control panel.
  - 7.2. Press the Control Power ON (1) button.
  - 7.3. Verify that unit does not power up.

**2**

### Restore to Operation Steps

1. 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:
  - 1.1. 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.
  - 1.2. Verify that the controls are in proper position prior to re-energizing equipment.
  - 1.3. Remove the lockout devices and reenergize the machine or equipment in the reverse order in which they were applied.
  - 1.4. Notify affected employees that servicing is complete and the equipment is ready for operational test.