

## ENERGY CONTROL PROCEDURE

The following Energy Control Procedure should be used for the equipment listed below.

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### EQUIPMENT DESCRIPTION

GENERAL DESCRIPTION: Jig Grinder  
 MANUFACTURER: Moore BMC # 1036  
 MODEL: 450 CP SERIAL NUMBER: G4414  
 LOCATION: Tool Room

### CONTROLS

The following Controls, including “start/stop” buttons, toggle switches, emergency stop button, shut-off valves, etc. have been identified for this equipment.

Description of Control	Location on Equipment
Main disconnect	Behind machine on wall
Main switch	Left side electrical cabinet
Main air supply	Right rear of machine
Control power off-on button	Operator’s pendant left front

### ENERGY SOURCES/ISOLATION DEVICES

The following Energy Sources and Energy Isolation Devices supporting this equipment have been identified.  
 Energy Types: (CHECK ALL THOSE APPLICABLE)

Electrical	<b>X</b>
Pneumatic	<b>X</b>
Hydraulic	
Steam	
Chemical	
Thermal	
“Stored” Energy	
Other	

Sources / Devices	Location	Type of Lock/Tag Needed
Main disconnect	Wall behind machine	Standard lock and tag
Main breaker	Left side electrical cabinet	Standard lock and tag
Main air	Rear of machine	Standard lock and tag

**SHUTDOWN PROCEDURES**

The steps listed below must be followed to properly shut down and de-energize this equipment. To verify the effectiveness of each step follow the instructions in the “Verification” column.

**Lock-Out/Tag-Out**

Procedure	Device used	How to verify
Notify “Affected” and “Other” employees of impending equipment shutdown		
Push power off	N/A	Try and function
Main breaker	Standard lock tag	Try control on
Main disconnect	Standard lock and tag	Check voltage
Main air	Standard lock and tag	Check gauge

**RELEASE AND RESTART PROCEDURES**

The steps listed below must be followed to properly release this equipment from a locked or tagged out condition and restart it.

Procedure	Location
Inspect work area and remove tools and other non-essential items.	
Inspect equipment and components to make sure it is intact and ready to run.	
Notify “affected” and “other” employees in the area of impending restart and make sure they are safely positioned away from the equipment	
Unlock and turn on air supply	Right rear of machine
Unlock and switch on main disconnect	Wall behind machine
Unlock and switch on machine breaker	Left side electrical cabinet
Push power on button	Operator’s pendant