

ENERGY CONTROL PROCEDURE

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

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EQUIPMENT DESCRIPTION

GENERAL DESCRIPTION: BMC #1003 – Mattison Grinder
 MANUFACTURER: Mattison Machine Works
 MODEL: 48 in SERIAL NUMBER: 2363891
 LOCATION: Middle of tool room near I-70

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
On/off switch	Front right side of machine
Machine disconnect	Rear back middle of machine
Main Breaker	Is in the front of the Mattison in the middle of the room
Air supply	Right front side

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	X
Pneumatic	X
Hydraulic	
Steam	
Chemical	
Thermal	
“Stored” Energy	
Other	

Sources / Devices	Location	Type of Lock/Tag Needed
On/off switch	None	None
Machine disconnect	Rear of machine	Std. padlock and tag
Main breaker	Breaker panel in middle of tool room	Breaker cover and padlock and tag
Air supply	Right side of machine	Plug cover and std. padlock

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		
Turn main off switch which is on the right front of machine	NA	Try to start spindle
switch main disconnect on back of machine to “off”	Std. lock and tag	Visible “off” and tag is properly in effect
Main breaker front of Mattison in the middle of room	Std. padlock with a breaker attachment	Go back to the machine – open rear panel and check with a meter
Right front quick disconnect	NA	Check with gauge on the oiler at 0 psi

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 reconnect air line	Right side of machine
Unlock and turn on main breaker	Breaker panel in middle of tool room
Unlock and turn on machine breaker	Rear of machine
Turn switch to power on	Front of machine