

ENERGY CONTROL PROCEDURE

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

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EQUIPMENT DESCRIPTION

GENERAL DESCRIPTION: MINSTER #7 (BMC 3048-NEW)

MANUFACTURER: MINSTER

MODEL: #7 SERIAL NUMBER: 7-SSPFB-28052

LOCATION: EAST OF FLOOR DRAIN

CONTROLS

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

<u>Description of Control</u>	<u>Location on Equipment</u>
• <u>START STOP</u>	<u>FRONT PENDANT</u>
• <u>MAIN DISCONNECT</u>	<u>LEFT SIDE OF PRESS, BACK OF FEED PANEL, STRAIGHT</u>
_____	<u>PANEL BETWEEN FEED AND STRAIGHTNER</u>
• <u>AIR SUPPLY</u>	<u>BACK RIGHT SIDE OF PRESS</u>
• <u>SAFETY BLOCK</u>	<u>BACK LEFT SIDE OF PRESS</u>
• _____	_____

ENERGY SOURCES/ISOLATION DEVICES

The following Energy Sources and Energy Isolation Devices supporting this equipment have been identified.

Energy Types: (CHECK ALL THOS APPLICABLE)

Electrical X Pneumatic X Hydraulic X
 Steam Chemical Thermal
 "Stored" Energy X Other

<u>SOURCES/DEVICES</u>	<u>LOCATION</u>	<u>TYPE OF LOCK/TAG NEEDED</u>
• <u>START/STOP BUTTON</u> _____	<u>FRONT PENDANT</u> _____	<u>N/A</u> _____
• <u>MACHINE DISCONNECT</u> _____	<u>SIDE OF PRESS ON</u> <u>ELECTRIC BOX</u> _____	<u>LOCK & TAG</u> _____
• <u>SAFETY BLOCK</u> _____	<u>LEFT SIDE UNDER</u> <u>ELECTRIC BOX</u> _____	<u>N/A</u> _____
• <u>AIR SUPPLY</u> _____	<u>RIGHT REAR OF PRESS</u> _____	<u>LOCK & TAG</u> _____
• _____ _____	_____	_____
• _____ _____	_____	_____
• _____ _____	_____	_____

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.

<u>Procedure</u>	<u>Lock-Out/Tag-Out</u> <u>Device Used</u>	<u>How to Verify</u>
• <u>NOTIFY “AFFECTED” AND</u> <u>“OTHER” EMPLOYEES OF</u> <u>IMPENDING EQUIPMENT</u> <u>SHUTDOWN</u>	_____ _____ _____	_____ _____ _____
• <u>PUSH BUTTON</u> _____ _____	<u>N/A</u> _____ _____	<u>TRY TO CYCLE PRESS</u> <u>PUSH START BUTTON</u> <u>SEE IF MOTOR STARTS</u> _____
• <u>STOP BLOCK</u> _____ _____	<u>PULL PLUG & PUT ON BED</u> _____ _____	_____ _____
• <u>OFF</u> _____ _____	<u>TAG</u> _____ _____	<u>N/A</u> _____ _____
• <u>SHUT AIR SUPPLY</u> _____ _____ _____	<u>LOCK & TAG & DUMP VALVE</u> _____ _____ _____	<u>CHECK GUAGES & OPEN</u> <u>TWO PETCOCKS-BACK OF</u> <u>PRESS</u> <u>AIR HOSE</u> _____
• <u>BLEED COUNTER BALANCE</u> _____	<u>N/A</u> _____	<u>CHECK GUAGE</u> _____
• <u>MAIN DISCONNECT (UNPLUG)</u> <u>SWITCHED OFF</u> _____	<u>LOCK & TAG AND PLUG COVER</u> _____	<u>CHECK TO SEE IF IT HAS</u> <u>POWER</u> _____

- FEED _____

- UNLOCK PLUG COVER – PLUG BACK IN _____ TRY PUSH/PULL SWITCH _____

RELEASE AND RESTART PROCEDURE – CONTINUED

- STRAIGHTNER/REEL _____

- UNLOCK PLUG COVER – PLUG BACK IN _____ TRY PUSH/PULL SWITCH _____