

# ENERGY CONTROL PROCEDURE

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

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Authors: STEVE VOLL

Reviewing Personnel: FRANK REPROGLE Date Reviewed: 1/10/11

Approvals: FRANK REPROGLE Date Approved: 1/10/2011

EQUIPMENT DESCRIPTION FOUR MACHINES CONNECTED TOGETHER WITH THE SAME POWER SOURCES.

MANUFACTURER: MINSTER MACHINE

BMC 3066 COIL ELEVATOR SERIAL NUMBER: 13-181170

BMC 3067 DUAL COIL REEL SERIAL NUMBER: 13-70503

BMC 3068 LEVELER SERIAL NUMBER: 13-50442

BMC 3069 THREADER TABLE SERIAL NUMBER: 13-90153

LOCATION: BMC 3024 PRODUCTION ON 300 TON PRESS

## 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>HYDRAULIC START/STOP/ON BOTTOM</u>	<u>LEVELER CONTROL PANEL</u>
• <u>STOP CONTROL PUSH BUTTON</u>	<u>LEVELER CONTROL PANEL</u>
• <u>MAIN ELECTRICAL DISCONNECT</u>	<u>LEVELER CONTROL PANEL</u>
• <u>480 VOLT PLUG</u>	<u>LEVELER CONTROL PANEL</u>
• <u>MAIN AIR SHUTOFF VALVE</u>	<u>REAR SIDE OF LEVELER</u>
• <u>STRAIGHTNER FAULT/RESET BUTTON</u>	<u>LEVELER CONTROL PANEL</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 <u>    X    </u>	Pneumatic <u>    X    </u>	Hydraulic <u>    X    </u>
Steam <u>                    </u>	Chemical <u>                    </u>	Thermal <u>                    </u>
“Stored” Energy <u>                    </u>	Other <u>                    </u>	

<u>SOURCES/DEVICES</u>	<u>LOCATION</u>	<u>TYPE OF LOCK/TAG NEEDED</u>
• <u>HYDRAULIC START/STOP/ON BUTTON</u>	<u>LEVELER CONTROL PANEL</u>	<u>N/A</u>
• <u>STOP CONTROL/PUSH BUTTON</u>	<u>LEVELER CONTROL PANEL</u>	<u>N/A</u>
• <u>MAIN ELECTRICAL DISCONNECT</u>	<u>LEVELER CONTROL PANEL</u>	<u>LOCK &amp; TAG</u>
• <u>480 VOLT PLUG</u>	<u>LEVELER CONTROL PANEL</u>	<u>LOCK &amp; TAG/LOCK OUT COVER</u>
• <u>MAIN AIR SHUT OFF VALVES</u>	<u>REAR SIDE OF LEVELER</u>	<u>LOCK &amp; TAG</u>
• <u>STRAIGHTENER FAULT/BUTTON</u>	<u>LEVELER CONTROL PANEL</u>	<u>N/A</u>



**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.

<b><u>PROCEDURE</u></b>	<b><u>LOCATION</u></b>
• <b><u>Inspect work area and remove tools and other non-essential items.</u></b>	_____ _____
• <b><u>Inspect equipment and components to make sure it is intact and ready to run.</u></b>	_____ _____
• <b><u>Notify “affected” and “other” employees in the area of impending restart and make sure they are safely positioned away from the equipment</u></b>	_____ _____ _____
• <b><u>PULL MAIN AIR SHUTOFF VALVE TO OPEN</u></b>	<b><u>REAR SIDE OF LEVELER</u></b>
• <b><u>TURN ON MAIN ELECTRICAL DISCONNECT</u></b>	<b><u>LEVELER CONTROL PANEL</u></b>
• <b><u>PUSH STRAIGHTNER FAULT/RESET BUTTON</u></b>	<b><u>LEVELER CONTROL PANEL</u></b>
• <b><u>PULL HYDRAULIC START/STOP/ON BUTTON</u></b>	<b><u>LEVELER CONTROL PANEL</u></b>