ENERGY CONTROL PROCEDURE

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

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Reviewing Personnel: <u>Ed Graef</u>	Date Reviewed: <u>1/10/11</u>
Approvals: Ed Graef	
EQUIPMENT DESCRIPTION	
GENERAL DESCRITION: MINSTER #7 (BM	MC 3048-NEW)
MANUFACTURER: MINSTER	
MODEL: #7 SERIAI	L NUMBER: 7-SSPFB-28052
LOCATION: EAST OF FLOOR DRAIN	
CONTROLS	
The following Controls, including "start/stop" b valves, etc. have been identified for this equipn	outtons, toggle switches, emergency stop button, shut-off nent.
Description of Control	Location on Equipment
• START STOP	FRONT PENDANT
MAIN DISCONNECT	LEFT SIDE OF PRESS, BACK OF FEED PANEL, STAIGHT
	PANEL BETWEEN FEED AND STRAIGHTNER
AIR SUPPLY	BACK RIGHT SIDE OF PRESS
SAFETY BLOCK	BACK LEFT SIDE OF PRESS
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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 <u>X</u>	Hydraulic <u>X</u>
	Steam	Chemical	Thermal
	"Stored" Energy X	Other	_
	SOURCES/DEVICES	<u>LOCATION</u>	TYPE OF LOCK/TAG NEEDED
•	START/STOP BUTTON	FRONT PENDANT	N/A
		·	
•	MACHINE DISCONNECT	SIDE OF PRESS ON	LOCK & TAG
		ELECTRIC BOX	
•	SAFETY BLOCK	LEFT SIDE UNDER	N/A
		ELECTRIC BOX	
•	AIR SUPPLY	RIGHT REAR OF PRESS	LOCK & TAG
•			
•			
			_
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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

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

• FEED PANEL	PLUG COVER AND LOCK & TAG	PUSH/PULL SWITCH ON
UNPLUG POWER		FRONT OF PANEL
• LEVELER REEL UNPLUG	PLUG COVER AND LOCK & TAG	PUSH/PULL SWITCH ON
UNPLUG POWER	<u> </u>	FRONT OF PANEL

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.

	<u>PROCEDURE</u>	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	
•	CLOSE TWO PETCOCK – UNLOCK AIR SUPPLY	REAR OF PRESS
	VAVLE – TURN ON	
•	MOVE SAFETY BLOCK FROM BOLSTER AND	LEFT SIDE OF MACHINE NEW ELECTRICAL
	PLUG INTERLOCK BACK IN	вох
•	UNLOCK & TURN MACHINE PLUG COVER	SIDE ON ELECTRICAL BOX
	AND PLUG IN	
•	PUSH START BUTTON FOR MAIN MOTOR	SIDE ON ELECTRICAL BOX

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