Description of 5 Ton	D 1		10					
equipment:								
	Benchmaster							
Model: ???								
Location: Mill Finish								
AUTHORIZED EMPLOYEES/P		3		AFFECTED EMPLOYEES/POSITIONS				
Tim Collard – Plant Manager				employees				
Chris Carnes - Production Superviso	r							
HAZARDOUS ENERGY SOURCE	S PRESE	NT		HAZARD EXPLANATION				
Electrical	Yes X	No		cted start-up				
Pneumatic	Yes	No X	Electric	al shock				
Steam	Yes	No X						
Hydraulic	Yes	No X						
Mechanical	Yes X	No						
Other	Yes	No X						
SHUTDOWN & LOCKOUT/TAGOUT	PROCED	URE						
List the steps to shut down and de-en	nergize the	equipr	ment. Be	specific regarding how any stored energy will				
be dissipated or restrained. Include p	procedures	for tes	sting the r	nachine or equipment to verify the				
effectiveness of lockout devices, tago	out devices	and of	ther energ	gy control measures.				
1. Notify all personnel in the area of	f the mainte	enance	or repair	r that is about to take place.				
2. Turn off the power then unplug th	ne machine	9.						
3. Lock plug in lock box. Authorized	l employee	to mai	intain con	itrol of key until work is complete.				
4. Attempt to turn machine on to ins	sure it will r	not star	t, then tu	rn off.				
5.								
6.								
7.								
ENERGY ISOLATION LOCATION	MEANS &			LO/TO DEVICES TO BE USED				
Power cord				Lock box to isolate plug.				
Attached to punch motor			2					
START-UP PROCEDURE								
List the steps necessary to re-active	ate or ene	ergize	the equip	pment, insuring that all personnel are				
removed from the area where testing								
1. Notify other personnel in area that								
2. Make sure PPE is being worn before proceeding.								
3. Stand clear and keep body parts away from moving parts on punch press								
4. Plug machine back into power so								
5. Turn machine on to check for pro		tion.						
6.								
7.								
· ·								

Description of	10 Ton Punc	h Pre	2999	(2 machines)				
equipment:	it:							
Manufacturer:	Benchmaster and Walsh							
Model:	???							
	Mill Finish Area							
AUTHORIZED EMPL		S		AFFECTED EMPLOYEES/POSITIONS				
Tim Collard – Plant Manag			All sho	p employees				
Chris Carnes – Production	Supervisor			10.22				
HAZARDOUS ENERGY	V COURCES BRESS	ENIT		HAZARD EXPLANATION				
Electrical	Yes X		Uneyn	ected start-up				
Pneumatic	Yes	No X		cal shock				
Steam	Yes	No X	Liectric	cal Siluch				
Hydraulic	Yes	No X		500 C - C				
Mechanical	Yes X							
Other	Yes	No X						
Ottlei	162	INO X						
<ul><li>3. Lock plug in lock box.</li><li>4. Attempt to turn maching</li><li>5.</li><li>6.</li><li>7.</li></ul>				ntrol of key until work is complete. urn off.				
ENERGY IS	OLATION MEANS 8 OCATION			LO/TO DEVICES TO BE USED				
Power cord				Lock box to isolate plug.				
Attached to punch motor								
	to re-activate or en where testing or action in area that the mace ing worn before procest body parts away from to power source.	ivation chine is eeding. m movir	procedu about to					
J. I TUITI HIAUHHE OH W C	leck for proper opera	ition.						

	Description of equipment:	12" Miter Saw							
	Manufacturer:	Everett Industries							
	Model:								
		Mill Finish Area – RF	P1 Roll	up/Gara	age				
	AUTHORIZED EMPL	OYEES/POSITIONS			AFFECTED EMPLOYEES/POSITIONS				
Tin	n Collard - Plant Manag			All sho	p employees				
Ch	ris Carnes - Production	Supervisor							
	HAZARDOUS ENERGY		NT		HAZARD EXPLANATION				
	ectrical		No		ected start-up				
	eumatic		No X	Electric	cal shock				
	eam		No X						
	draulic		No X						
	chanical		No X						
Oth	ner	Yes	No X						
SHUTDOWN & LOCKOUT/TAGOUT PROCEDURE  List the steps to shut down and de-energize the equipment. Be specific regarding how any stored energy will be dissipated or restrained. Include procedures for testing the machine or equipment to verify the effectiveness of lockout devices, tagout devices and other energy control measures.  1. Notify all personnel in the area of the maintenance or repair that is about to take place.  2. Turn off the power then unplug the machine.  3. Lock plug in lock box. Authorized employee to maintain control of key until work is complete.  4. Attempt to turn machine on to insure it will not start, then turn off.  5. 6. 7. ENERGY ISOLATION MEANS & LO/TO DEVICES TO BE USED LOCATION									
	wer cord ached to saw				Lock box to isolate plug.				
Lis		here testing or active in area that the maching worn before processody parts away from power source.	vation nine is a eding. movin	procedu about to					
7.									
1.									

	Description of equipment:	14" Miter Sa	14" Miter Saw						
	Manufacturer:	ATEC							
	Model:	PEGASUS-0 PM							
	Location:	Mill Finish Area							
	<b>AUTHORIZED EMPI</b>	OYEES/POSITION	IS		AFFECTED EMPLOYEES/POSITIONS				
Tim	Collard - Plant Manag	jer		All sho	p employees				
	is Carnes - Production								
	HAZARDOUS ENERG	Y SOURCES PRES	ENT	T = 1	HAZARD EXPLANATION				
Ele	ctrical	Yes X	No	Unexp	ected start-up				
$\overline{}$	eumatic	Yes	No X		cal shock				
Ste	am	Yes	No X						
-	fraulic	Yes	No X						
	chanical	Yes	No X						
Oth		Yes	No X						
	UTDOWN & LOCKOU			<b>Ж</b> хв.					
1000									
					specific regarding how any stored energy will				
					machine or equipment to verify the				
	ctiveness of lockout de								
1.				or repa	ir that is about to take place.				
2.	Turn off the power the								
3.					ntrol of key until work is complete.				
4.	Attempt to turn machin	ne on to insure it will	not star	t, then tu	ırn off.				
5.									
6.									
7.									
		OLATION MEANS OCATION	&		LO/TO DEVICES TO BE USED				
Pov	ver cord				Lock box to isolate plug.				
Atta	ached to saw								
ST	ART-UP PROCEDURE								
Lis	t the steps necessary	to re-activate or e	neraize	the equi	ipment, insuring that all personnel are				
					ires are being performed.				
1.									
<ol> <li>Notify other personnel in area that the machine is about to be re-energized.</li> <li>Make sure PPE is being worn before proceeding.</li> </ol>									
Stand clear and keep body parts away from moving parts on saw.									
Plug machine back into power source.									
5.	Turn machine on to ch		ation						
6.	Turn machine on to ci	iecy ioi brobei obei	aliUiI.						
7.									
1.									

Description of	D. 10							
equipment:	Band Saw							
Manufacturer:	EMB							
	Mercury G							
	Welding Area							
AUTHORIZED EMPI		S	AFFECTED EMPLOYEES/POSITIONS					
Tim Collard - Plant Manag			All shop employees					
Chris Carnes - Production			All shop employees					
	Caparvioor							
HAZARDOUS ENERG	Y SOURCES PRES	ENT	HAZARD EXPLANATION					
Electrical	Yes X	No	Unexpected start-up					
Pneumatic	Yes	No	Electrical shock					
Steam	Yes	No X	Saw could drop down					
Hydraulic	Yes X		San Sealed drop detril					
Mechanical	Yes	No X						
Other	Yes	No X						
be dissipated or restrained effectiveness of lockout de 1. Notify all personnel in 2. Place saw in necessar 3. Turn off the power the	I. Include procedure vices, tagout device the area of the main ry position for mainten unplug the machin Authorized employe	s for tess and ottenance tenance tenan	ntain control of key until work is complete.					
6.	ie on to modic it will	not star	t, tron tam on.					
7.								
ENERGY IS	OLATION MEANS &	S.	LO/TO DEVICES TO BE USED					
Power cord			Lock box to isolate plug.					
Attached to saw								
Hydraulics (hydraulics can	t circulate when pun	np is off)						
<ol> <li>Notify other personnel</li> <li>Make sure PPE is beir</li> <li>Stand clear and keep</li> <li>Plug machine back int</li> <li>Turn machine on to ch</li> </ol>	to re-activate or er where testing or act in area that the mading worn before process body parts away from o power source.	ivation chine is eeding. m movin	the equipment, insuring that all personnel are procedures are being performed. about to be re-energized. g parts on saw.					
6. 7.								
1.								

Description of equipment:	Double Miter Saw								
	Sampson Machine								
	MN15012								
Location:	Window Shop								
AUTHORIZED EMPL		S	4-7-1	AFFECTED EMPLOYEES/POSITIONS					
Tim Collard - Plant Manag	er		All sho	pp employees					
Chris Carnes - Production									
HAZARDOUS ENERGY	V SOLIBOES BRESI	ENT		HAZARD EXPLANATION					
Electrical	Yes X		Upovr	pected start-up					
Pneumatic	Yes X	No		cal shock					
Steam	Yes	No X							
		No X	Saw a	rms raise or drop					
Hydraulic Mechanical	Yes Yes	No X							
Other		No X							
Other	Yes	NO X							
<ol> <li>effectiveness of lockout de</li> <li>Notify all personnel in</li> <li>Turn off the power the</li> </ol>	the area of the main	tenance		rgy control measures.  iir that is about to take place.					
				ontrol of key until work is complete.					
4. Attempt to turn machin									
				en unplug the airline from the machine.					
	connection on mac	nine. Al	utnorize	d employee to maintain control of key until work					
is complete.	Manual to bring the a	and dance	- This	will release any remaining community in					
7. Step on foot valve to a equipment.	ittempt to bring the s	aw dow	n. Inis	will release any remaining compressed air in					
	OLATION MEANS 8	2		LO/TO DEVICES TO BE USED					
	OCATION	•		LOTTO DEVICES TO BE COLD					
Power cord - Attached to s	aw			Lock box to isolate plug.					
Compressed air connection		o equipr	ment	Lock box to isolate air connection fitting					
		F							
START-UP PROCEDURE									
		nergize	the en	ipment, insuring that all personnel are					
				ures are being performed.					
<ol> <li>Notify other personnel in area that the machine is about to be re-energized.</li> <li>Make sure PPE is being worn before proceeding.</li> </ol>									
Stand clear and keep body parts away from moving parts on saw.									
4. Reconnect air and ste									
5. Plug machine back int		Jule più	her ohe	ration.					
6. Turn machine on to ch		ation							
7.	corrior proper opera	20011.							
f + _									

	Description of equipment:	Foam Pad S	Foam Pad Slitter						
	Manufacturer:	Woodmaster Tools, Inc.							
	Model:	W-2675							
	Location:	Packaging Area							
	AUTHORIZED EMPL	OYEES/POSITION	VS	35.25	AFFECTED EMPLOYEES/POSITIONS				
Tin	n Collard - Plant Manag	jer		All sho	p employees				
Ch	ris Carnes – Production	Supervisor			-				
	HAZARDOUS ENERGY	Y SOURCES PRES	SENT		HAZARD EXPLANATION				
Ele	ctrical	Yes X	No		ected start-up				
Pne	eumatic	Yes	No X	Electric	cal shock				
Ste	am	Yes	No X						
Ну	draulic	Yes	No X						
Me	chanical	Yes	No X						
Oth	ner	Yes	No X						
Liss be effect.  1. 2. 3. 4. 5. 6. 7.	t the steps to shut down dissipated or restrained ectiveness of lockout de Notify all personnel in Turn off the power the Lock plug in lock box.  Attempt to turn machine the Notify all personnel in Turn off the power the Lock plug in lock box.  Attempt to turn machine the Notify all personnels in Turn off the power the Lock plug in lock box.	T/TAGOUT PROCEDURE  In and de-energize the equipment. Be specific regarding how any stored energy will defend to like the energy control measures.  It he area of the maintenance or repair that is about to take place.  In unplug the machine.  Authorized employee to maintain control of key until work is complete.  In e on to insure it will not start, then turn off.  BOLATION MEANS &  LO/TO DEVICES TO BE USED  LO/TO DEVICES TO BE USED							
	wer cord				Lock box to isolate plug.				
Atta	ached to machine				_				
Lis		to re-activate or e here testing or ac	tivation	procedu	ipment, insuring that all personnel are ures are being performed.				
				about to	be re-energized.				
2.	Make sure PPE is bein			a porte	on machina				
3.	Stand clear and keep		מועסm חוע movir	ig paπs (	on machine.				
4.	Plug machine back int		tio-						
5.	rurn machine on to ch	ck for proper operation.							
6.									
7.									

Manufacturer: Ryobi Model: TS1143L Location: Window Shop AUTHORIZED EMPLOYEES/POSITIONS AFFECTED EMPLOYEES/POSITIONS Tim Collard – Plant Manager Chris Carnes – Production Supervisor  HAZARDOUS ENERGY SOURCES PRESENT HAZARD EXPLANATION Electrical Yes No X Electrical Yes No X Steam Yes No X Hydraulic Yes No X Mechanical Yes No X Mechanical Yes No X Mechanical Yes No X SHUTDOWN & LOCKOUT/TAGOUT PROCEDURE List the steps to shut down and de-energize the equipment. Be specific regarding how any stored energy will be dissipated or restrained. Include procedures for testing the machine or equipment to verify the effectiveness of lockout devices, tagout devices and other energy control measures. 1. Notify all personnel in the area of the maintenance or repair that is about to take place. 2. Turn off the power then unplug the machine. 3. Lock plug in lock box. Authorized employee to maintain control of key until work is complete. 4. Attempt to turn machine on to insure it will not start, then turn off. 5. 6. 7. ENERGY ISOLATION MEANS & LOCK DEVICES TO BE USED LOCATION  Power cord Attached to saw  START-UP PROCEDURE List the steps necessary to re-activate or energize the equipment, insuring that all personnel are removed from the area where testing or activation procedures are being performed. 1. Notify other personnel in area that the machine is about to be re-energized. 2. Make sure PPE is being worn before proceeding. 3. Stand clear and keep body parts away from moving parts on saw. 4. Plug machine back into power source. 5. Turn machine on to check for proper operation. 6. 1		Description of equipment: 7 1/4" Vinyl Glazing Miter Saws (3 saws)								
Model: T\$143L Location: Window Shop AUTHORIZED EMPLOYEES/POSITIONS Tim Collard – Plant Manager Chris Carnes – Production Supervisor  HAZARDOUS ENERGY SOURCES PRESENT HAZARD EXPLANATION  Electrical Yes No X Electrical Yes No X Hydraulic Yes No X Hydraulic Yes No X Mechanical Yes No X Mechanical Yes No X  SHUTDOWN & LOCKOUT/TAGOUT PROCEDURE List the steps to shut down and de-energize the equipment. Be specific regarding how any stored energy will be dissipated or restrained. Include procedures for testing the machine or equipment to verify the effectiveness of lockout devices, tagout devices and other energy control measures.  1. Notify all personnel in the area of the maintenance or repair that is about to take place. 2. Turn off the power then unplug the machine. 3. Lock plug in lock box. Authorized employee to maintain control of key until work is complete. 4. Attempt to turn machine on to insure it will not start, then turn off. 5. 6. 6. 7.  ENERGY ISOLATION MEANS & LOCATION POwer cord Attached to saw  START-UP PROCEDURE List the steps necessary to re-activate or energize the equipment, insuring that all personnel are removed from the area where testing or activation procedures are being performed. 1. Notify other personnel in area that the machine is about to be re-energized. 2. Make sure PPE is being worn before proceeding. 3. Stand clear and keep body parts away from moving parts on saw. 4. Plug machine back into power source. 5. Turn machine on to check for proper operation. 6.			Ryohi							
AUTHORIZED EMPLOYEES/POSITIONS AFFECTED EMPLOYEES/POSITIONS Tim Collard – Plant Manager Chris Carnes – Production Supervisor  HAZARDOUS ENERGY SOURCES PRESENT Electrical Yes X No Unexpected start-up Pneumatic Yes No X Electrical shock Steam Yes No X Mechanical Yes No X Mechanical Yes No X Mechanical Yes No X Mechanical Yes No X SHUTDOWN & LOCKOUT/TAGOUT PROCEDURE List the steps to shut down and de-energize the equipment. Be specific regarding how any stored energy will be dissipated or restrained. Include procedures for testing the machine or equipment to verify the effectiveness of lockout devices, tagout devices and other energy control measures.  I Notify all personnel in the area of the maintenance or repair that is about to take place.  Turn off the power then unplug the machine.  Lock plug in lock box. Authorized employee to maintain control of key until work is complete.  Attempt to turn machine on to insure it will not start, then turn off.  Lock plug in lock box Authorized employee to maintain control of key until work is complete.  LOCATION  Power cord Attached to saw  LOCATION MEANS & LOCK box to isolate plug.  START-UP PROCEDURE List the steps necessary to re-activate or energize the equipment, insuring that all personnel are removed from the area where testing or activation procedures are being performed.  Notify other personnel in area that the machine is about to be re-energized.  Make sure PPE is being worn before proceeding.  Stant clear and keep body parts away from moving parts on saw.  Plug machine back into power source.  Turn machine on to check for proper operation.										
AUTHORIZED EMPLOYEES/POSITIONS Tim Collard – Plant Manager Chris Carnes – Production Supervisor  HAZARDOUS ENERGY SOURCES PRESENT HAZARD EXPLANATION Electrical Yes X No Unexpected start-up Pneumatic Yes No X Electrical Yes No X Hydraulic Yes No X Hydraulic Yes No X Hydraulic Yes No X Hydraulic Yes No X  SHUTDOWN & LOCKOUT/TAGOUT PROCEDURE List the steps to shut down and de-energize the equipment. Be specific regarding how any stored energy will be dissipated or restrained. Include procedures for testing the machine or equipment to verify the effectiveness of lockout devices, tagout devices and other energy control measures.  I. Notify all personnel in the area of the maintenance or repair that is about to take place.  2. Turn off the power then unplug the machine. 3. Lock plug in lock box. Authorized employee to maintain control of key until work is complete. 4. Attempt to turn machine on to insure it will not start, then turn off. 5. 6. 7.  ENERGY ISOLATION MEANS & LO/TO DEVICES TO BE USED LOCATION  Power cord Attached to saw  START-UP PROCEDURE List the steps necessary to re-activate or energize the equipment, insuring that all personnel are removed from the area where testing or activation procedures are being performed.  I. Notify other personnel in area that the machine is about to be re-energized.  Make sure PEI is being worn before proceeding. 3. Stand clear and keep body parts away from moving parts on saw. 4. Plug machine back into power source. 5. Turn machine on to check for proper operation. 6.										
Tim Collard – Plant Manager Chris Carnes – Production Supervisor  HAZARDOUS ENERGY SOURCES PRESENT Electrical Yes X No Unexpected start-up Pneumatic Yes No X Electrical shock Steam Yes No X Hydraulic Yes No X Mechanical Yes No X Mechanical Yes No X Mechanical Yes No X  SHUTDOWN & LOCKOUT/TAGOUT PROCEDURE List the steps to shut down and de-energize the equipment. Be specific regarding how any stored energy will be dissipated or restrained. Include procedures for testing the machine or equipment to verify the effectiveness of lockout devices, tagout devices and other energy control measures.  1. Notify all personnel in the area of the maintenance or repair that is about to take place. 2. Turn off the power then unplug the machine. 3. Lock plug in lock box. Authorized employee to maintain control of key until work is complete. 4. Attempt to turn machine on to insure it will not start, then turn off. 5. 6. 7.  ENERGY ISOLATION MEANS & LO/TO DEVICES TO BE USED LOCATION  Power cord Attached to saw  START-UP PROCEDURE List the steps necessary to re-activate or energize the equipment, insuring that all personnel are removed from the area where testing or activation procedures are being performed. 1. Notify other personnel in area that the machine is about to be re-energized. 2. Make sure PPE is being worn before proceeding. 3. Stand clear and keep body parts away from moving parts on saw. 4. Plug machine back into power source. 5. Turn machine on to check for proper operation. 6.					S		AFFECTED EMPLOYEES/POSITIONS			
HAZARDOUS ENERGY SOURCES PRESENT HAZARD EXPLANATION  Electrical Yes X No Unexpected start-up Pneumatic Yes No X Electrical Shock  Steam Yes No X Hydraulic Yes No X Mechanical Yes No X Mechanical Yes No X Mechanical Yes No X  SHUTDOWN & LOCKOUT/TAGOUT PROCEDURE List the steps to shut down and de-energize the equipment. Be specific regarding how any stored energy will be dissipated or restrained. Include procedures for testing the machine or equipment to verify the effectiveness of lockout devices, tagout devices and other energy control measures.  1. Notify all personnel in the area of the maintenance or repair that is about to take place. 2. Turn off the power then unplug the machine. 3. Lock plug in lock box. Authorized employee to maintain control of key until work is complete. 4. Attempt to turn machine on to insure it will not start, then turn off. 5. 6. 6. 7.  ENERGY ISOLATION MEANS & LO/TO DEVICES TO BE USED  Lock box to isolate plug.  START-UP PROCEDURE List the steps necessary to re-activate or energize the equipment, insuring that all personnel are removed from the area where testing or activation procedures are being performed.  1. Notify other personnel in area that the machine is about to be re-energized.  2. Make sure PPE is being worn before proceeding. 3. Stand clear and keep body parts away from moving parts on saw. 4. Plug machine back into power source. 5. Turn machine on to check for proper operation. 6.	Tim					All sho				
HAZARDOUS ENERGY SOURCES PRESENT  Electrical  Yes X No Unexpected start-up Pneumatic  Yes No X Electrical shock  Steam  Yes No X Hydraulic  Yes No X Hydraulic  Yes No X Hechanical  Yes No X  SHUTDOWN & LOCKOUT/TAGOUT PROCEDURE List the steps to shut down and de-energize the equipment. Be specific regarding how any stored energy will be dissipated or restrained. Include procedures for testing the machine or equipment to verify the effectiveness of lockout devices, tagout devices and other energy control measures.  I Notify all personnel in the area of the maintenance or repair that is about to take place.  Turn off the power then unplug the machine.  Lock plug in lock box. Authorized employee to maintain control of key until work is complete.  Attempt to turn machine on to insure it will not start, then turn off.  ENERGY ISOLATION MEANS & LOCK box to isolate plug.  START-UP PROCEDURE List the steps necessary to re-activate or energize the equipment, insuring that all personnel are removed from the area where testing or activation procedures are being performed.  Notify other personnel in area that the machine is about to be re-energized.  Make sure PPE is being worn before proceeding.  Stand clear and keep body parts away from moving parts on saw.  Plug machine back into power source.  Turn machine on to check for proper operation.						7 111 0110				
Electrical Yes X No Unexpected start-up Pneumatic Yes No X Electrical shock  Steam Yes No X Hydraulic Yes No X Mechanical Yes No X Mechanical Yes No X Other Yes No X  SHUTDOWN & LOCKOUT/TAGOUT PROCEDURE List the steps to shut down and de-energize the equipment. Be specific regarding how any stored energy will be dissipated or restrained. Include procedures for testing the machine or equipment to verify the effectiveness of lockout devices, tagout devices and other energy control measures.  1. Notify all personnel in the area of the maintenance or repair that is about to take place. 2. Turn off the power then unplug the machine. 3. Lock plug in lock box. Authorized employee to maintain control of key until work is complete. 4. Attempt to turn machine on to insure it will not start, then turn off. 5. 6. 6. 7. ENERGY ISOLATION MEANS & LO/TO DEVICES TO BE USED LOCATION  Power cord Attached to saw  START-UP PROCEDURE List the steps necessary to re-activate or energize the equipment, insuring that all personnel are removed from the area where testing or activation procedures are being performed.  1. Notify other personnel in area that the machine is about to be re-energized. 2. Make sure PPE is being worn before proceeding. 3. Stand clear and keep body parts away from moving parts on saw. 4. Plug machine back into power source. 5. Turn machine on to check for proper operation. 6.										
Electrical Yes X No Unexpected start-up Pneumatic Yes No X Electrical shock  Steam Yes No X Hydraulic Yes No X Mechanical Yes No X Mechanical Yes No X Other Yes No X  SHUTDOWN & LOCKOUT/TAGOUT PROCEDURE List the steps to shut down and de-energize the equipment. Be specific regarding how any stored energy will be dissipated or restrained. Include procedures for testing the machine or equipment to verify the effectiveness of lockout devices, tagout devices and other energy control measures.  1. Notify all personnel in the area of the maintenance or repair that is about to take place. 2. Turn off the power then unplug the machine. 3. Lock plug in lock box. Authorized employee to maintain control of key until work is complete. 4. Attempt to turn machine on to insure it will not start, then turn off. 5. 6. 6. 7. ENERGY ISOLATION MEANS & LO/TO DEVICES TO BE USED LOCATION  Power cord Attached to saw  START-UP PROCEDURE List the steps necessary to re-activate or energize the equipment, insuring that all personnel are removed from the area where testing or activation procedures are being performed.  1. Notify other personnel in area that the machine is about to be re-energized. 2. Make sure PPE is being worn before proceeding. 3. Stand clear and keep body parts away from moving parts on saw. 4. Plug machine back into power source. 5. Turn machine on to check for proper operation. 6.										
Electrical Yes X No Unexpected start-up Pneumatic Yes No X Electrical shock Steam Yes No X Hydraulic Yes No X Hydraulic Yes No X Mechanical Yes No X Other Yes No X  SHUTDOWN & LOCKOUT/TAGOUT PROCEDURE List the steps to shut down and de-energize the equipment. Be specific regarding how any stored energy will be dissipated or restrained. Include procedures for testing the machine or equipment to verify the effectiveness of lockout devices, tagout devices and other energy control measures.  1. Notify all personnel in the area of the maintenance or repair that is about to take place. 2. Turn off the power then unplug the machine. 3. Lock plug in lock box. Authorized employee to maintain control of key until work is complete. 4. Attempt to turn machine on to insure it will not start, then turn off. 5. 6. 6. 7. ENERGY ISOLATION MEANS & LO/TO DEVICES TO BE USED LOCATION Power cord Attached to saw  START-UP PROCEDURE List the steps necessary to re-activate or energize the equipment, insuring that all personnel are removed from the area where testing or activation procedures are being performed.  1. Notify other personnel in area that the machine is about to be re-energized. 2. Make sure PPE is being worn before proceeding. 3. Stand clear and keep body parts away from moving parts on saw. 4. Plug machine back into power source. 5. Turn machine on to check for proper operation. 6.		HAZARDOUS ENERGY	SOURCE	S PRES	ENT		HAZARD EXPLANATION			
Pneumatic Steam Yes No X Hydraulic Yes No X Mechanical Yes No X Mechanical Yes No X Mechanical Yes No X  Mechanical Yes No X  Mechanical Yes No X  SHUTDOWN & LOCKOUT/TAGOUT PROCEDURE  List the steps to shut down and de-energize the equipment. Be specific regarding how any stored energy will be dissipated or restrained. Include procedures for testing the machine or equipment to verify the effectiveness of lockout devices, tagout devices and other energy control measures.  Notify all personnel in the area of the maintenance or repair that is about to take place.  Turn off the power then unplug the machine. Lock plug in lock box. Authorized employee to maintain control of key until work is complete.  Attempt to turn machine on to insure it will not start, then turn off.  ENERGY ISOLATION MEANS & LO/TO DEVICES TO BE USED  LOCATION  Power cord Attached to saw  START-UP PROCEDURE  List the steps necessary to re-activate or energize the equipment, insuring that all personnel are removed from the area where testing or activation procedures are being performed.  Notify other personnel in area that the machine is about to be re-energized.  Make sure PPE is being worn before proceeding.  Stand clear and keep body parts away from moving parts on saw.  Plug machine back into power source.  Turn machine on to check for proper operation.	Ele	ctrical	MP4-m-	Yes X	No	Unexp				
Hydraulic Yes No X  Mechanical Yes No X Other Yes No X Other Yes No X  SHUTDOWN & LOCKOUT/TAGOUT PROCEDURE  List the steps to shut down and de-energize the equipment. Be specific regarding how any stored energy will be dissipated or restrained. Include procedures for testing the machine or equipment to verify the effectiveness of lockout devices, tagout devices and other energy control measures.  1. Notify all personnel in the area of the maintenance or repair that is about to take place.  7. Turn off the power then unplug the machine.  8. Lock plug in lock box. Authorized employee to maintain control of key until work is complete.  9. Attempt to turn machine on to insure it will not start, then turn off.  9. Lock box to isolate plug.  COCATION  Power cord  Attached to saw  START-UP PROCEDURE  List the steps necessary to re-activate or energize the equipment, insuring that all personnel are removed from the area where testing or activation procedures are being performed.  1. Notify other personnel in area that the machine is about to be re-energized.  2. Make sure PPE is being worn before proceeding.  3. Stand clear and keep body parts away from moving parts on saw.  4. Plug machine back into power source.  5. Turn machine on to check for proper operation.	Pne	eumatic		Yes	No X					
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6.	$\overline{}$				ation.					
	6.									
	7.									

Description of	Window Ass	embl	y Table					
equipment:  Manufacturer:	Chan Duille lia							
Model:								
	Window Shop							
AUTHORIZED EMPI		S	AFFECTED EMPLOYEES/POSITIONS					
Tim Collard – Plant Manag			All shop employees					
Chris Carnes – Production			7 iii dhap dhipidyddd					
HAZARDOUS ENERG	Y SOURCES PRESE	ENT	HAZARD EXPLANATION					
Electrical	Yes	No X	Air cylinders could be activated					
Pneumatic	Yes X	No						
Steam	Yes	No X						
Hydraulic	Yes	No X						
Mechanical	Yes	No X						
Other	Yes	No X						
complete 5. Pull and push air valve 6.	r connection on table	. Autho	rized employee to maintain control of key until work is ining compressed air in cylinders.					
7.								
L	OLATION MEANS 8 OCATION		LO/TO DEVICES TO BE USED					
Compressed air connectio	n/fitting - Attached to	table	Lock box to isolate air connection fitting					
START-UP PROCEDURE								
removed from the area w	here testing or acti	vation	the equipment, insuring that all personnel are procedures are being performed.					
			about to be re-energized.					
2. Make sure PPE is bei								
Stand clear and keep								
4. Reconnect air and ope		ore air fi	Iter.					
5. Cycle air valve to insu	re proper operation.							
6.								
7.								