


Description: Injection Molding Press		Manufacturer: Engel		Asset #: 12345	
Model: 1000	Serial: 12345		Revn: 0	Date: NA	Origin Date: 02/21/03

<h1 style="font-size: 2em;">4</h1>  <h2 style="font-size: 1.5em;">LOCKS &amp; TAGS NEEDED</h2>	CAUTION
	<p>1. Hydraulic and pneumatic equipment can store energy. Ensure all pressures have bled off before proceeding.</p> <p>2. Press develops high temperatures. Allow heat to dissipate before proceeding.</p>

NEXT AUDIT DUE  
**JULY 2004**

NEXT AUDIT DUE  
**JULY 2005**

NEXT AUDIT DUE  
**JULY 2006**

NEXT AUDIT DUE  
**JULY 2007**





**North Side View**



**South Side View**



**ALWAYS PERFORM A MACHINE STOP BEFORE LOCKING OUT DISCONNECTS**

ID	Source	Location	Method	Check
 E-1	<b>Electrical 480V</b>	E-1 is on North side.	Move E-1 disconnect to off. Lock out.	Attempt restart at CP-1.
 P-1	<b>Pneumatic 100 PSI</b>	P-1 is on Southwest corner.	Turn P-1 valve off. Lock out.	Check for line pressure.
 W-1	<b>Water Chilled Supply</b>	W-1 is on Southwest corner.	Turn W-1 valve off. Lock out.	Check for line pressure.
 W-2	<b>Water Chilled Return</b>	W-2 is on Southwest corner.	Turn W-2 valve off. Lock out.	Check for line pressure.

**LEGEND**

CP = CONTROL PANEL	E = ELECTRICAL	G = GAS	P = PNEUMATIC	W = WATER
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**OPENING A GUARD DOES NOT CONSTITUTE A LOCKOUT**

Any machine modifications must be shown in procedure. Contact Safety to update procedure.



*Safety Is Your Responsibility!*

