


Developed by	Reviewed by	Revised by
RA	RA	
Description: Primary Chill Water Pump		Equipment #: PCHW-2
Building: South Chilled Water Plant	Area: Second Floor	Rev: 0 Date: N/A Origin Date: 12/18/2017

<b>3</b> 	<b>Isolation Points to be Locked and Tagged</b>	<b>DANGER</b>
		Variable-frequency-drive capacitors often remain energized after shut-down. Discharge and wait 10 minutes prior to servicing.

## Safety Is Your Responsibility!




South Side View



North Side View



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

ID	Source	Device	Location	Method	Check
	<b>Electrical 480V</b>	Padlock	Isolation point located on panel MCC-2.	Move electrical disconnect "PCHW-2" to off. Lock out.	Verify machine is deenergized.
	<b>Chilled Water Suction - 100 PSI</b>	Cable device	Isolation point on North side of unit.	Turn valve to closed position. Lock out.	Visually verify zero pressure status.
	<b>Chilled Water Discharge - 100 PSI</b>	Cable device	Isolation point on South side of unit.	Turn valve to closed position. Lock out.	Visually verify zero pressure status.



**OPENING A GUARD DOES NOT CONSTITUTE A LOCKOUT**  
 ALWAYS VERIFY DE-ENERGIZATION OF EXPOSED ELECTRICAL PARTS AND RESIDUAL CAPACITANCE  
 Any machine modifications must be shown in procedure.  
 Contact EHS to update procedure: 603-646-1762

