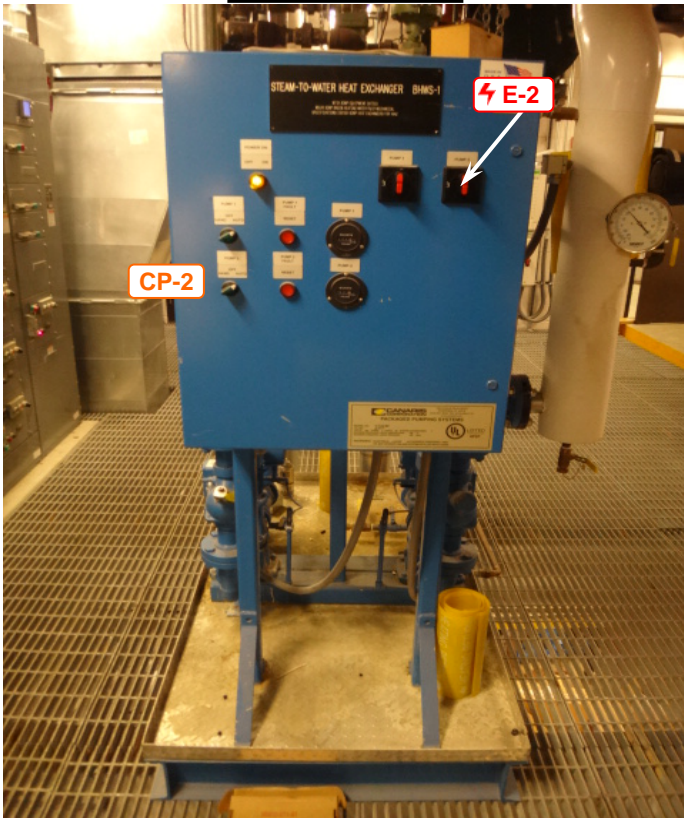


Developed by	Reviewed by	Revised by
RA	RA	
Description: Steam to Water Heat Exchanger Pump		Equipment #: BHWS-1-P2
Building: South Chilled Water Plant	Area: Second Floor	Rev'n: 0 Date: N/A Origin Date: 12/18/2017

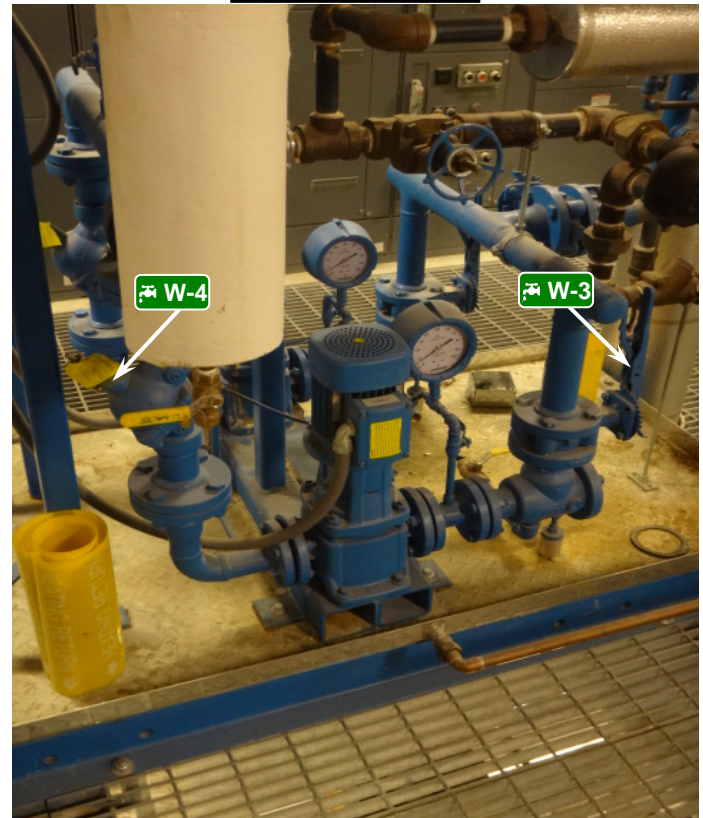
3  **Isolation Points to be Locked and Tagged**

Safety Is Your Responsibility!





West Side View



South Side View



ALWAYS PERFORM A MACHINE STOP BEFORE LOCKING OUT DISCONNECTS

ID	Source	Device	Location	Method	Check
	Electrical 480V	Padlock	Isolation point on West side of unit.	Move electrical disconnect to off. Lock out.	Attempt restart at CP-2.
	Hot Water Suction - 100 PSI	Padlock	Isolation point on East side of unit.	Turn valve to closed position. Lock out.	Visually verify zero pressure status.
	Hot Water Discharge - 100 PSI	Cable device	Isolation point on West side of unit.	Turn valve to closed position. Lock out.	Visually verify zero pressure status.
	Thermal Energy 200 F		Be sure to wait until heat has dissipated from machine until cool to touch before servicing. Wear proper PPE before beginning work.		



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

