

Developed by	Reviewed by	Revised by
RA	RA	

Description: Cooling Tower		Equipment #: CT-2	
Building: North Chill Water Plant	Area: North Chill Water Plant	Rev: 0	Date: N/A Origin Date: 12/18/2017

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

## Safety Is Your Responsibility!

**West Side View**








**West Side View**



**East Side View**



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

ID	Source	Device	Location	Method	Check
	<b>Electrical 240V</b>	Padlock	Isolation point located on panel MCC-2.	Move electrical disconnect "Cooling Tower #2" to off. Lock out.	Verify machine is deenergized.
	<b>Condenser Water Inlet - 40 PSI</b>	Cable device	Isolation point on North side of unit.	Turn valve to closed position. Lock out.	Visually verify zero pressure status.
	<b>Condenser Water Outlet - 40 PSI</b>	Cable device	Isolation point on North side of unit.	Turn valve to closed position. Lock out.	Visually verify zero pressure status.
	<b>Thermal Energy 300 F</b>		Be sure to wait until heat has dissipated from machine until cool to touch before servicing. Wear proper PPE before beginning work.		
	<b>Kinetic Energy 1800 RPM</b>		Be sure to wait until all moving parts have come to a complete stop. If necessary, use a block or chain to prevent equipment from moving while servicing.		



**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

