Dartmouth
Campus Services | Facilities Operations & Management
6 Vox Lane, McKenzie Hall, Hanover, NH 03755

LOCKOUT/TAGOUT PROCEDURE
OSHA CFR 1910.147

Developed by	Reviewed by	Revised by
RA	RA	

Description: Dehumidifier Air Handler Unit			Equipment #: DH-3	
Building: Thompson Arena	Area: Mezzanine	Revn: 0	Date: N/A	Origin Date: 12/18/2017

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

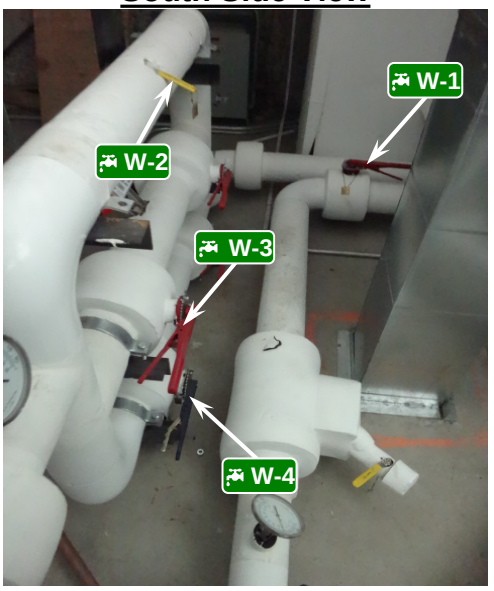
DANGER

Confined Space. Obtain proper permits and follow confined space procedure prior to entering. Variable-frequency-drive capacitors often remain energized after shut-down. Discharge and wait 10 minutes prior to servicing.

Safety Is Your Responsibility!

North Side View

South Side View



ALWAYS PERFORM A MACHINE STOP BEFORE LOCKING OUT DISCONNECTS

ID	Source	Device	Location	Method	Check
E-1	Electrical 480V	Padlock	Isolation point on North side of unit.	Move electrical disconnect to off. Lock out.	Verify machine is deenergized.
W-1	Chilled Water Inlet - 100 PSI	Padlock	Isolation point on North side of unit.	Turn valve to closed position. Lock out.	Visually verify zero pressure status.
W-2	Chilled Water Outlet - 100 PSI	Ball valve device	Isolation point on North side of unit.	Turn valve to closed position. Lock out.	Visually verify zero pressure status.
W-3	Chilled Water Outlet - 100 PSI	Padlock	Isolation point on North side of unit.	Turn valve to closed position. Lock out.	Visually verify zero pressure status.
W-4	Chilled Water Outlet - 100 PSI	Padlock	Isolation point on North side of unit.	Turn valve to closed position. Lock out.	Visually verify zero pressure status.
	Thermal Energy 300 F		Be sure to wait until heat has dissipated from machine until cool to touch before servicing. Wear proper PPE before beginning work.		
	Kinetic Energy 1800 RPM		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.		

DANGER
ESC

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

DANGER
Rockwell Automation

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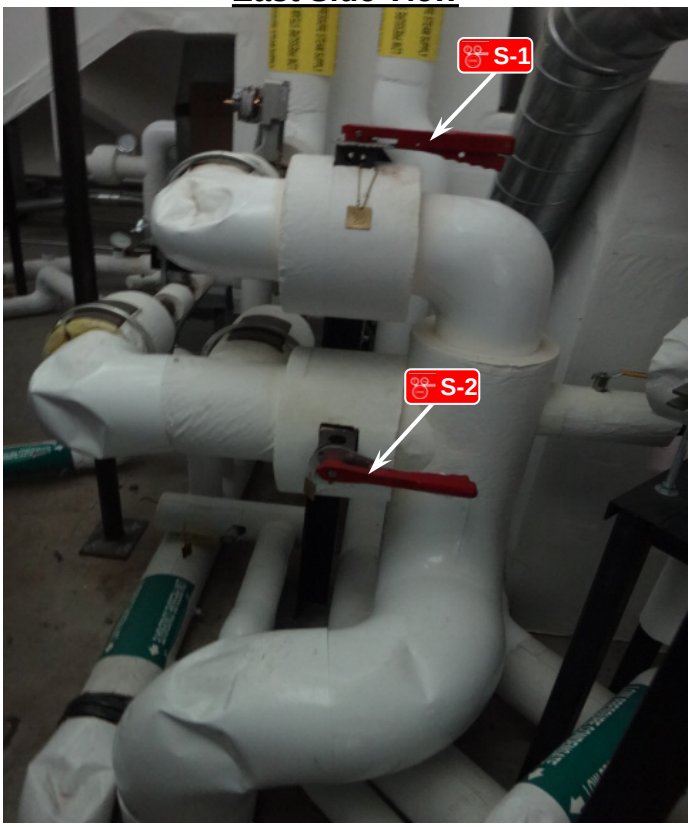
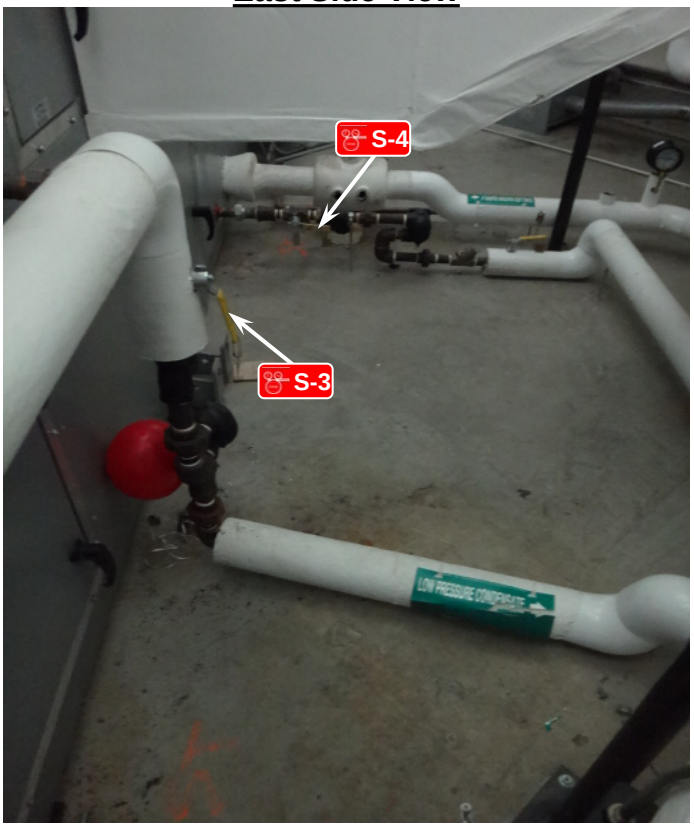
East Side View



East Side View



ALWAYS PERFORM A MACHINE STOP BEFORE LOCKING OUT DISCONNECTS

ID	Source	Device	Location	Method	Check
S-1	Steam Inlet - 20 PSI	Padlock	Isolation point on North side of unit.	Turn valve to closed position. Lock out.	Visually verify zero pressure status.
S-2	Steam Inlet - 20 PSI	Padlock	Isolation point on North side of unit.	Turn valve to closed position. Lock out.	Visually verify zero pressure status.
S-3	Condensate Outlet - 20 PSI	Ball valve device	Isolation point on North side of unit.	Turn valve to closed position. Lock out.	Visually verify zero pressure status.
S-4	Condensate Outlet - 20 PSI	Ball valve device	Isolation point on North side of unit.	Turn valve to closed position. Lock out.	Visually verify zero pressure status.

DANGER ESC

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