

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
AIR COOLED CHILLER, PACKAGE UNIT

SITE AND BLDG #: **VA049-01**MECHANIC
SIGNATURE: DATE: **05-10-22**LOCATION/RM #: **WO# 17252** ASSET # **3Y187**START TIME: **0900**FINISH TIME: **1630**

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
SPECIAL INSTRUCTIONS				
1	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.	✓		
2	No intentional venting of refrigerants is permitted. During the servicing, maintenance, and repair of refrigeration equipment, the refrigerant must be recovered.	✓		
3	Whenever refrigerant is added or removed from equipment, record the quantities on the appropriate forms. Forms to be maintained by technician in universal waste binder.	✓		
4	Recover, recycle, or reclaim the refrigerant as appropriate.	✓		
5	If disposal of the equipment item is required, follow regulations concerning removal of refrigerants and disposal of the item.	✓		
6	If materials containing refrigerants are discarded, comply with EPA regulations as applicable.	✓		
7	Refrigerant oils to be treated as hazardous waste.	✓		
8	Closely follow all safety procedures described in the Safety Data Sheet (SDS) for the refrigerant and all labels on refrigerant containers.	✓		
9	Remove access covers prior to accomplishing check points.	✓		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
CONDENSER				
1	Remove debris from air screen and clean underneath unit.	✓		
2	Pressure wash coil with proper cleaning solution.	✓		
3	Straighten fin tubes with fin comb.	✓		
4	Check electrical wiring and tighten loose connections. Check fused disconnect switches for condition and operation, contactors	✓		
5	Check mounting for tightness.	✓		
6	Check for corrosion. Clean and treat with inhibitor as needed.	✓		
7	Check fan or blower for bent or damaged blades and imbalance.	✓		

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)		
		YES	NO			
8	Lubricate shaft and motor bearings on fans and remove old or excess lubricant, if applicable.	N/A				
9	Inspect pulleys, belts, couplings, etc.; adjust tension and tighten mountings as necessary. Change badly worn belts. Multi-belt drives should be replaced with matched sets.	N/A				
EVAPORATOR						
1	Inspect evaporator for any obvious deficiencies.	✓				
2	Inspect plumbing, valves and flanges for leaks and correct as needed.	✓				
COMPRESSOR(S)						
1	Lubricate drive coupling, if applicable.	N/A				
2	Lubricate motor bearings (non-hermetic), if applicable.	N/A				
3	Check bearings for vibrations or unusual noises.	N/A				
4	Leak test unit with soap test or electronic device.	✓				
5	Check compressor oil level., if applicable.	✓				
6	Run machine; check action of controls, relays, switches, etc. to see that: a. Compressor(s) run at proper settings. b. Suction and discharge pressures are proper.	✓				
7	Check vibration eliminators. Replace as necessary.	✓				
8	Document AMP draw on compressors	✓		L1	L2	L3
9	Check safety controls for high pressure cut off.	✓				
CONTROLS						
1	Record chilled water supply and return temps and Humidity .	✓		supply 58.1	return 67.8	

Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For any deficiencies found exceeding \$250 open a corrective maintenance (CM) ticket and include the Asset #, WO #, photos, and a detailed description of the deficiency.

To be performed by: HVAC Technician

Additional Notes: