

CERTIFICATION OF WORK

(To be completed by the Contractor and saved in the Contractor's CMMS)

FACID/Building: Alexandria Date of Visit: 5/29/19
VA002

Contractor Personnel on Site:

1. Patrick Donovan 2. _____

Work Performed:

Preventive Maintenance - Services Completed (Annual, Quarterly, Monthly, equipment identification, etc.)

1. 8494, 8524, 8555, 8469, 8495

Service Calls – Service Call Number and Description

1. CSS# _____
2. CSS# _____
3. CSS# _____

CERTIFICATION OF WORK

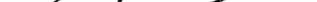
To be signed by the Contractor:

Print Name: Patrick Donohue Date: 5/29/19

Signed: John Doe

By signing the Certification of Work, the said government representative signature does not constitute acceptance of any work performed by the contractor, it only acknowledges that the work has been satisfactorily done.

contractor was on-site during the identified timeline:

Signed: 

E-Mail: christian.schulz@uni-muenster.de

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
AIR COOLED CHILLER, PACKAGE UNIT

MECHANIC SIGNATURE:  DATE: 5/7/19

SITE AND BLDG #: *Alexander 1400* LOCATION/RM #: *Exterior Bldg #5524* ASSET # *2182* START TIME: *7:00* FINISH TIME: *1:00*

ITEM	DESCRIPTION	NOTES	INITIALS	DATE
1	In addition to the procedure(s) outlined in this standard, the equipment manufacturer's recommended maintenance procedure(s) and/or instruction(s) shall be strictly adhered to		<input checked="" type="checkbox"/>	
2	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.		<input checked="" type="checkbox"/>	
3	Comply with the latest provisions of the Clean Air Act and Environmental Protection Agency (EPA) regulations as they apply to protection of stratospheric ozone.		<input checked="" type="checkbox"/>	
4	No intentional venting of refrigerants is permitted. During the servicing, maintenance, and repair of refrigeration equipment, the refrigerant must be recovered.		<input checked="" type="checkbox"/>	
5	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.		<input checked="" type="checkbox"/>	
6	Recover, recycle, or reclaim the refrigerant as appropriate.		<input checked="" type="checkbox"/>	
7	If disposal of the equipment item is required, follow regulations concerning removal of refrigerants and disposal of the item		<input checked="" type="checkbox"/>	
8	If materials containing refrigerants are discarded, comply with EPA regulations as applicable		<input checked="" type="checkbox"/>	
9	Refrigerant oils to be treated as hazardous waste.		<input checked="" type="checkbox"/>	
10	Closely follow all safety procedures described in the Safety Data Sheet (SDS) for the refrigerant and all labels on refrigerant containers.		<input checked="" type="checkbox"/>	
11	Remove access covers prior to accomplishing check points.		<input checked="" type="checkbox"/>	
1	Remove debris from air screen and clean underneath unit.	<i>clean</i>	<input checked="" type="checkbox"/>	
2	Pressure wash coil with proper cleaning solution.	<i>clean</i>	<input checked="" type="checkbox"/>	
3	Straighten fin tubes with fin comb	<i>clean</i>	<input checked="" type="checkbox"/>	
4	Check electrical wiring and tighten loose connections. Check fused disconnect switches for condition and operation	<i>clean</i>	<input checked="" type="checkbox"/>	

4	Check electrical wiring and tighten loose connections. Check fused disconnect switches for condition and operation.	<input checked="" type="checkbox"/>	done
5	Check mounting for tightness.	<input checked="" type="checkbox"/>	checked
6	Check for corrosion. Clean and treat with inhibitor as needed.	<input checked="" type="checkbox"/>	checked
7	Check fan or blower for bent or damaged blades and imbalance.	<input checked="" type="checkbox"/>	checked
8	Lubricate shaft and motor bearings on fans and remove old or excess lubricant, if applicable.	<input checked="" type="checkbox"/>	checked
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.	<input checked="" type="checkbox"/>	done
1	Inspect evaporator for any obvious deficiencies.	<input checked="" type="checkbox"/>	checked
2	Inspect plumbing, valves and flanges for leaks and correct as needed.	<input checked="" type="checkbox"/>	checked
1	Lubricate drive coupling, if applicable.	<input checked="" type="checkbox"/>	checked
2	Lubricate motor bearings (non-hermetic), if applicable.	<input checked="" type="checkbox"/>	checked
3	Check bearings for vibrations or unusual noises.	<input checked="" type="checkbox"/>	checked
4	Leak test unit with soap test or electronic device.	<input checked="" type="checkbox"/>	checked
5	Check compressor oil level, if applicable.	<input checked="" type="checkbox"/>	checked
6	Run machine; check action of controls, relays, switches, etc. to see that:		
a	Compressor(s) run at proper settings.	<input checked="" type="checkbox"/>	checked
b	Suction and discharge pressures are proper.	<input checked="" type="checkbox"/>	checked
7	Check vibration eliminators. Replace as necessary.	<input checked="" type="checkbox"/>	checked
8	Check safety controls for high pressure cut off.	<input checked="" type="checkbox"/>	checked
1	Confirm chiller is operating through building automation.	<input checked="" type="checkbox"/>	checked

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:

Compressor Amps

#11.24.4) S1.4 B) S4.1 C) S2.3

#2 A) 60.1 B) 61.2 C) 64.0

Condenser Amps

*#1 A) 46.1 B) S2.5C) 47.7
A) S1.2 B) 44.3C) 44.7*