

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 Donovan Date: 5/29/19

Signed: [Signature]

To be signed by Facility Manager:

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 contractor was on-site during the identified timeline:

Print Name/Rank: Archer Ma-11 Date: 2019 0529

Signed: [Signature]

E-Mail: \_\_\_\_\_

# **PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST** AIR COOLED CHILLER PACKAGE UNIT

SITE AND BLDG #: Alexandria 1A 002MECHANIC SIGNATURE: [Signature]DATE: 5/17/19LOCATION/RM #: Exotic Building # 3524 ASSET # 2182START TIME: 9:00FINISH TIME: 1:00

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.	<input checked="" type="checkbox"/>	<u>close</u>
2	Pressure wash coil with proper cleaning solution.	<input checked="" type="checkbox"/>	<u>close</u>
3	Straighten fin tubes with fin comb	<input checked="" type="checkbox"/>	<u>close</u>
4	Check electrical wiring and tighten loose connections. Check fused disconnect switches for condition and operation	<input checked="" type="checkbox"/>	<u>close</u>

4	Check electrical wiring and tighten loose connections. Check fused disconnect switches for condition and operation.	✓		done
5	Check mounting for tightness.	✓		good
6	Check for corrosion. Clean and treat with inhibitor as needed.	✓		good
7	Check fan or blower for bent or damaged blades and imbalance.	✓		good
8	Lubricate shaft and motor bearings on fans and remove old or excess lubricant, if applicable.	✓		done
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.	✓		done
1	Inspect evaporator for any obvious deficiencies.	✓		good
2	Inspect plumbing, valves and flanges for leaks and correct as needed.	✓		good
1	Lubricate drive coupling, if applicable.	✓		done
2	Lubricate motor bearings (non-hermetic), if applicable.	✓		done
3	Check bearings for vibrations or unusual noises.	✓		good
4	Leak test unit with soap test or electronic device.	✓		good
5	Check compressor oil level, if applicable.	✓		good
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.	✓		all good
7	Check vibration eliminators. Replace as necessary.	✓		good
8	Check safety controls for high pressure cut off.	✓		good
1	Confirm chiller is operating through building automation.	✓		done

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~~ 4 A) 57.4 B) 54.1 C) 52.3

#2 4) 60.1 B) 61.2 C) 64.0

Condenser Amps #1 4) 46.1 B) 52.5 C) 47.7  
A) 51.2 B) 49.3 C) 44.7