

**CERTIFICATION OF WORK
PREVENTIVE MAINTENANCE**

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

FACID/Building: VA048 Date of Visit: 11.04.2020

Contractor Personnel on Site:

- | | |
|--------------------------|----------|
| 1. <u>RICHARD WALKER</u> | 3. _____ |
| 2. _____ | 4. _____ |

Work Performed:

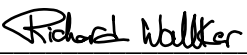
Preventive Maintenance - Services Completed (Annual, Quarterly, Monthly, equipment identification, etc.)

1. WO'S 12950FQ, 12971AN, 12983MO, 13005QT, 13028SA, 13037SA, 13073Q,
2. 13038SA, 13065M, 13074Q, 13075Q
3. FILTERS, GATES, ICE MAKER, AIR HANDLERS, CONDENSING UNITS,
4. LIGHTING, HEATERS,
5. _____

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Richard Walker Date: 11.04.2020

Signed: 

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: _____ Date: 11.04.2020

Signed: _____

E-Mail: _____

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
AIR CONDITIONER - WINDOW UNIT

SITE AND BLDG #: VA048-01

MECHANIC SIGNATURE: _____ **DATE:** _____

LOCATION/RM #: _____ **WO#** 13028 **ASSET #** 2284

START TIME: _____ **FINISH TIME:** _____

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS
		YES	NO	
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Clean filter as needed			
2	Check operating temperature.			
3	Inspect wiring and electrical controls for loose connections, charred, frayed or broken insulation, evidence of short circuiting, wrong size fuses, circuit breakers, or switches, and other electrical deficiencies. Tighten any loose connections.			
4	Inspect motor for excessive heat, noise, and vibration			
5	Clean condener and evaporator coils and blower.			
6	Inspect for rust and corrosion.			
7	Inspect unit for proper operation. Ensure unit it securely mounted in window.			
8	Inspect unit for overall condition and recommend for replacement or other needed repairs.			

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: General Maintenance Worker

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST

AIR HANDLER

SITE AND BLDG #: **VA048-01**MECHANIC
SIGNATURE: _____

DATE: _____

LOCATION/RM #: _____ WO# **13028** ASSET # **2285**
2286

START TIME: _____

FINISH TIME: _____

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
SPECIAL INSTRUCTIONS				
1	Remove power at Drive or at Breaker Panel. Verify with tester or meter that power has been removed. Install lock out tag out if servicing alone or in confined space for safety precautions.			
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Check fan blades and moving parts for cracks and excessive wear.			
2	Check running motor amperatures on all three phases (record in note column) notate L1, L2, and L3 amp draws.-Inspect contactors			L1_____ L2_____ L3_____
3	Tighten all electrical connectors/lugs to proper torque.			
4	If unit is a multi-zone air handler, then check each individual zone damper and associated controls.			
5	Check bearing collar set screws on fan shaft to make sure they are tight.			
6	Replace filters quarterly, replace as necessary. Check belt, repair or replace as necessary.			
7	Check damper actuators and linkage for proper operation. Adjust linkage on dampers if out of alignment.			
8	Lubricate mechanical bearings and connections sparingly.			
9	Clean coils by brushing, blowing, vacuuming			
10	Check coils for leaking, tightness of fittings.			
11	Use fin comb to straighten coil fins.			
12	Report any equipment rust or condensate pan rust -IF found open CM			
13	Flush and clean condensate pans and drains, Hose down coils and drain pans and wash with an appropriate EPA approved solution approved solution. Treat condensate pans with an EPA approved biocide.			
14	Check belts for wear and cracks, adjust tension or alignment. Replace belts when necessary. Multi-belt drives shall only be replaced with matched sets.			
15	Check rigid couplings for alignment on direct drives, and for tightness of assembly. Check flexible couplings for alignment and wear.			

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
16	Check and test freezestat for proper operation			
17	Vacuum interior of unit.			
18	Check filter doors and access doors for proper gasketing and air leaks. Correct as necessary.			
19	Lubricate fan shaft bearings while unit is running. Add grease slowly until slight bleeding is noted from the seals. Do not over lubricate. Remove old or excess lubricant.			
20	Clean up work area.			

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 discription of the deficiency.

To be performed by: HVAC Technician

Additional Notes:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST

MAKE UP AIR UNIT - HEATING/COOLING

SITE AND BLDG #: **VA048-01**
**MECHANIC
SIGNATURE:**
DATE:
LOCATION/RM #: **WO# 13028 ASSET # 2289**
START TIME:
FINISH TIME:

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
SPECIAL INSTRUCTIONS				
1	Schedule shutdown with operating personnel.			
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.			
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Check thermostat settings to ensure the cooling and heating systemis operating correctly.			
2	Tighten all electrical connections and measure voltage and current on motors.			
3	Check filters and clean or replace as necessary.			
4	Lubricate all moving parts.			
5	Check and inspect the condensate drain in your central air conditioner, furnace and/or heat pump (when in cooling mode).			
6	Check controls of the system to ensure proper and safe operation. Check the starting cycle of the equipment to assure the system starts, operates, and shuts off properly.			
7	Clean evaporator and condenser air conditioning coils.			
8	Clean and adjust blower components to provide proper system airflow.			
9	Check all gas (or oil) connections, gas pressure, burner combustion and heat exchanger.			

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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST OUTDOOR CONDENSING UNIT

SITE AND BLDG #: VA048-01
**MECHANIC
SIGNATURE:** _____

DATE: _____

LOCATION/RM #: _____ **WO#** 13028 **ASSET #** 2290
2291
START TIME: _____

FINISH TIME: _____

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
SPECIAL INSTRUCTIONS				
1	Schedule outage of unit with personnel in area the unit serves.			
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.			
3	If disposal of the equipment is required, follow regulations concerning removal of refrigerants and disposal of the unit.			
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Remove debris from air screen and clean underneath unit.			
2	Wash coil with coil cleaning solution - Rinse Thoroughly			
3	Straighten fin tubes with fin comb, as needed.			
4	Check electrical connections for tightness.			
5	Check mounting base for tightness.			
6	Inspect fans for bent blades, unbalance, excessive noise and vibrations.			
7	Inspect all piping for leaks and tighten loose connections.			
8	Check wires at condenser electrical fused safety switches for tightness and burned insulation. Repair as necessary.			
9	Check supply air temperature to ensure unit is operating properly. If possible record room temperature and Humidity			Room temp _____ Room Humidity _____%
10	Inspect unit for overall condition and recommend for replacement or other needed repairs.			
11	Clean up work area.			

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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST DEHUMIDIFIER

SITE AND BLDG #: VA048-01
**MECHANIC
SIGNATURE:** _____

DATE: _____

LOCATION/RM #: VAULT?? WO# 13028 ASSET # 2296
START TIME: _____

FINISH TIME: _____

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.			
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Check water inlet and outlet for any leaks, repair as needed.			
2	Clean and/or replace filter as needed. -Record space humidity			Space Humidity _____%
3	If applicable, check hours per usage, replace tanks's as needed.			

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 discription of the deficiency.

To be performed by: General Maintenance Worker

Additional Notes: