

**CERTIFICATION OF WORK
PREVENTIVE MAINTENANCE**

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

FACID/Building: MD002 Date of Visit: 11/21/19

Contractor Personnel on Site:

1. <u>John Brown</u>	3. _____
2. _____	4. _____

Work Performed:

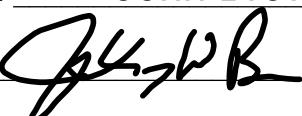
Preventive Maintenance - Services Completed (Annual, Quarterly, Monthly, equipment identification, etc.)

1. WO'S 11108FQ,11130MO,11143QT,11166SA,11202Q,11217PMS,11167SA
2. 11144QT,11109FQ,11145QT,11168SA,11110FQ,11169SA,11187PMF,11212PMS
3. FILTERS,OUTSIDE LIGHTING, KITCHEN EQUIP, WATER HEATERS, EXP TANK
4. AIR HANDLERS,CONDENSING UNITS, CHILLER, DEHUMIDIFIERS,
5. VFD'S, FURNACE, SUMP PUMP,VRF UNITS,AHU UNITS

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: John Brown Date: 11/21/19

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: SFC Jason Lamontagne Date: 11/21/19

Signed: 

E-Mail: _____

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
AIR HANDLER

SITE AND BLDG #: **MD002-04**LOCATION/RM #: **WO# 11168** **ASSET # 1851**MECHANIC
SIGNATURE: DATE: **11/21/19**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	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.	/		

No dampers in the system

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 description of the deficiency.

To be performed by: HVAC Technician

Additional Notes:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
OUTDOOR CONDENSING UNIT

SITE AND BLDG #: **MD002-04**MECHANIC
SIGNATURE:DATE: **11/21/19**LOCATION/RM #: **WO# 11168 ASSET # 1852**

START TIME:

0900FINISH TIME: **1630**

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 68 Room Humidity 55 %
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
FURNACE

ACTIVITY AND BLDG #: **MD002-04**MECHANIC
SIGNATURE:DATE: **11/21/19**LOCATION/RM #: **WO# 11168 ASSET # 1853**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.	/	/	
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Replace air filter if applicable	/	/	
2	Check the fire box liner or refractory for cracks and leaks.	/	/	
3	Check smoke stack for obstructions, leaks, etc.	/	/	
5	Clean all fans and motors.	/	/	
6	Check operation of controls and safeties.	/	/	
7	Lubricate as required.	/	/	
8	Check and clean plenum (clean cooling coils and check for leaks, if	/	/	
9	Check all motors, belts, pulleys, shafts, etc. for alignment.	/	/	
10	Report any rust issues and open a CM ticket	/	/	
11	Remove lock outs and tags. Restore fuel and power supply.	/	/	

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: