

**CERTIFICATION OF WORK
PREVENTIVE MAINTENANCE**

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

FACID/Building: DE001 Date of Visit: 11/13/20

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 12975MO,12987QT,13011SA,13058PMF,13083PMQ,13097PMS
2. 12988PMQT
3. LIGHTING, REFRIGERATOR, WATER HEATER, DEHUMIDIFIER, FILTERS
4. VFD BOILER RM, AIR HANDLER
5. _____

CERTIFICATION OF WORK

To be signed by the Contractor:

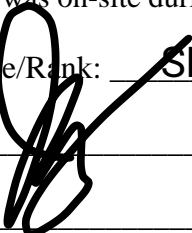
Print Name: Johnny W Brown Date: 11/13/20

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 Jose Mojica Date: 11/13/20

Signed: 

E-Mail: _____

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
VARIABLE FREQUENCY DRIVE

SITE AND BLDG #: DE001-01

**MECHANIC
SIGNATURE:**

 **DATE:** 11/13/20

LOCATION/RM #: _____ **WO#** 13097 **ASSET #** 190918-103

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	Perform a complete visual inspection and cleaning. Broken or damaged parts are replaced as required. Inspected for ambient temperature, dust, dirt, moisture, evidence of overheating, corrosion, integrity, etc. Capacitors are checked for leakage. Conductors and parts are checked for proper insulation. Drives are cleaned using vacuum or compressed air as required. Filters are cleaned or replaced. Power connections are re-torqued to manufacturer's specifications.			

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 **AIR HANDLER**

MECHANIC
SIGNATURE


DATE: 11/13/20

SITE AND BLDG #: DE001-01

LOCATION/RM #:

WO# 13097

ASSET # 190918-108

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.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Check fan blades and moving parts for cracks and excessive wear.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
2	Check running motor amperatures on all three phases (record in note column) notate L1, L2, and L3 amp draws.-Inspect contactors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	L1 _____ L2 _____ L3 _____
3	Tighten all electrical connectors/lugs to proper torque.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
4	If unit is a multi-zone air handler, then check each individual zone damper and associated controls.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
5	Check bearing collar set screws on fan shaft to make sure they are tight.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
6	Replace filters quarterly, replace as necessary. Check belt, repair or replace as necessary.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
7	Check damper actuators and linkage for proper operation. Adjust linkage on dampers if out of alignment.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
8	Lubricate mechanical bearings and connections sparingly.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
9	Clean coils by brushing, blowing, vacuuming	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
10	Check coils for leaking, tightness of fittings.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
11	Use fin comb to straighten coil fins.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
12	Report any equipment rust or condensate pan rust -IF found open CM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
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.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
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.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
15	Check rigid couplings for alignment on direct drives, and for tightness of assembly. Check flexible couplings for alignment and wear.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	tightened belt

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.			

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To be performed by: HVAC Technician

Additional Notes: