

ATTACHMENT J-0200000-05
FORMS

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

FACID/Building: Pr 04

Date of Visit: 9/9/18

Contractor Personnel on Site:

1. Tony Grgas
2. Jim Geertgens
3. Scott Werry

- 4.
- 5.
- 6.

Work Performed:

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

1. 10789
2. 10830
3. 10944
4. 10855

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Jim Geertgens

Date: 9-9-19

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: Ramón E. De La Cruz SGT Date: 20190909

Signed: 

E-Mail:

OTHER RECURRING SERVICES CERTIFICATION OF WORK
(To be completed by the Contractor and saved in the Contractor's CMMS)

FacID/Building: PA 011 -01 Date of Visit: 9/8/18

Contractor Personnel on Site:

1. Tony Gazzola
2. Scott Wray
3. Jim Gertson
4. _____
5. _____
6. _____

Work Performed:

Other Recurring Services

1. 10254
2. _____
3. _____
4. _____

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Tony Gazzola Date: 8/8/18
Signed: Tony Gazzola

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: Ramón E. DeLaCruz SGT Date: 20190909
Signed: Ramón E. DeLaCruz

E-Mail: _____

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
FAN COIL UNIT/ DUCTLESS MINI SPLIT

SITE AND BLDG #: Pa 011 -01

LOCATION/RM #: 107

WO# 10544

ASSET # 5180

MECHANIC
SIGNATURE:


START TIME:

DATE:

FINISH TIME: 8:00

9/2/18

NOTES/ ACTIONS
(IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE YES	TASK COMPLETE NO	NOTES/ ACTIONS
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.	✓		
2	Schedule shutdown with operating personnel, as needed.	✓		
3	As needed, de-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work. Follow lock out/tag out procedures at all times.	✓		
4	Check fan blades for dust buildup and clean if necessary.		✓	
5	When applicable, check fan blades and moving parts for cracks and excessive wear.		✓	N/A
6	Tighten all electrical connectors to proper torque as needed.		✓	
7	Check that the fan runs properly in all speeds as applicable.		✓	
8	Check dampers and rotating auto diffusers for dirt accumulations, clean as necessary. Check felt, repair or replace as necessary.		✓	
9	Check damper actuators and linkage for proper operation as applicable. Adjust linkage on dampers if out of alignment.		✓	
10	Lubricate mechanical connections of dampers sparingly as applicable.		✓	
11	Check the valve(s) for signs of leakage and proper operation. If leak is detected, submit a UE.		✓	
12	Clean coils by brushing, blowing, vacuuming, or pressure washing.		✓	
13	Check coils for leaking, tightness of fittings.		✓	
14	Use fin comb to straighten coil fins as needed.		✓	

K00-046CMI Management Inc.

- 12 Check belts for wear and cracks, adjust tension or alignment as applicable. Replace belts when necessary.
- 13 Check rigid couplings for alignment on direct drives, and for tightness of assembly
- 14 Vacuum interior of unit.
- 15 Check filter door for proper gasketing and air leaks. Correct as necessary.
- 16 Change the filter as needed with the correct size and type filter.
- 17 Insure that drain(s) are clear and running.
- 18 Clean up work area.

N/A

✓
✓
✓
✓
✓
✓

Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For exceeding \$250 open a corrective maintenance (CM) ticket and include the Asset #, WO #, photos, and a detailed description of the deficiency. For to be performed by: General Maintenance Worker
Additional Notes:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
FAN COIL UNIT/ DUCTLESS MINI SPLIT

SITE AND BLDG #: PA 011 - 01

LOCATION/RM #: 109

WO# 10941

ASSET # 5182

MECHANIC
SIGNATURE: *John M. Miller*

DATE: 9/8/11

START TIME: 8:10

FINISH TIME: 8:30

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE YES	TASK COMPLETE NO	NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
-------------	------------------------	----------------------	---------------------	---

- 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.
- 2 Schedule shutdown with operating personnel, as needed.
- 3 As needed, de-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work. Follow lock out/tag out procedures at all times.

- 1 Check fan blades for dust buildup and clean if necessary
- 2 When applicable, check fan blades and moving parts for cracks and excessive wear.
- 3 Tighten all electrical connectors to proper torque as needed.
- 4 Check that the fan runs properly in all speeds as applicable.
- 5 Check dampers and rotating auto diffusers for dirt accumulations, clean as necessary. Check felt, repair or replace as necessary.
- 6 Check damper actuators and linkage for proper operation as applicable. Adjust linkage on dampers if out of alignment.
- 7 Lubricate mechanical connections of dampers sparingly as applicable.
- 8 Check the valve(s) for signs of leakage and proper operation. If leak is detected, submit a UE.
- 9 Clean coils by brushing, blowing, vacuuming, or pressure washing.
- 10 Check coils for leaking, tightness of fittings.
- 11 Use fin comb to straighten coil fins as needed.

N/A

K00-046CMI Management Inc.

- 12 Check belts for wear and cracks, adjust tension or alignment as applicable. Replace belts when necessary.
- 13 Check rigid couplings for alignment on direct drives, and for tightness of assembly
- 14 Vacuum interior of unit.
- 15 Check filter door for proper gasketing and air leaks. Correct as necessary.
- 16 Change the filter as needed with the correct size and type filter.
- 17 Insure that drain(s) are clear and running.
- 18 Clean up work area.

N/A

Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For 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
Additional Notes:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST FAN COIL UNIT/ DUCTLESS MINI SPLIT.

SITE AND BLDG #:

LOCATION/RM #: 112

WO# 10944

ASSET # 5784

MECHANIC
SIGNATURE

DATE.

9/3/19

START TIME: 8:00

FINISH TIME: 8:30

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE YES NO	NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)	
			NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)	
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.	/		
2	Schedule shutdown with operating personnel, as needed.	/		
3	As needed, de-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work. Follow lock out/tag out procedures at all times.	/		
1	Check fan blades for dust buildup and clean if necessary.	✓	N/A	
2	When applicable, check fan blades and moving parts for cracks and excessive wear.	✓		
3	Tighten all electrical connectors to proper torque as needed.	✓		
4	Check that the fan runs properly in all speeds as applicable.	✓		
5	Check dampers and rotating auto diffusers for dirt accumulations, clean as necessary. Check felt, repair or replace as necessary.	✓		
6	Check damper actuators and linkage for proper operation as applicable. Adjust linkage on dampers if out of alignment.	✓		
7	Lubricate mechanical connections of dampers sparingly as applicable.	✓		
8	Check the valve(s) for signs of leakage and proper operation. If leak is detected, submit a UE.	✓		
9	Clean coils by brushing, blowing, vacuuming, or pressure washing.	✓		
10	Check coils for leaking, tightness of fittings.	✓		
	Use fin comb to straighten coil fins as needed.	✓		

- 12 Check belts for wear and cracks, adjust tension or alignment as applicable. Replace belts when necessary.
- 13 Check rigid couplings for alignment on direct drives, and for tightness of assembly
- 14 Vacuum interior of unit.
- 15 Check filter door for proper gasketing and air leaks. Correct as necessary.
- 6 Change the filter as needed with the correct size and type filter.
- 7 Insure that drain(s) are clear and running.
- 8 Clean up work area.

WIA

Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For 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
FAN COIL UNIT/ DUCTLESS MINI SPLIT

SITE AND BLDG #: Pn 071-01

LOCATION/RM #: 113

WO# 10944

ASSET # 5183

MECHANIC
SIGNATURE: *Mark H. Miller*

START TIME: 8:30

DATE: 9/19/13

FINISH TIME: 8:40

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
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.			
2	Schedule shutdown with operating personnel, as needed.			
3	As needed, de-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work. Follow lock out/tag out procedures at all times.			
1	Check fan blades for dust buildup and clean if necessary.	✓		
2	When applicable, check fan blades and moving parts for cracks and excessive wear.	✓		N/A
3	Tighten all electrical connectors to proper torque as needed.	✓		
4	Check that the fan runs properly in all speeds as applicable.	✓		
5	Check dampers and rotating auto diffusers for dirt accumulations, clean as necessary. Check felt, repair or replace as necessary.	✓		
6	Check damper actuators and linkage for proper operation as applicable. Adjust linkage on dampers if out of alignment.	✓		
7	Lubricate mechanical connections of dampers sparingly as applicable.	✓		
8	Check the valve(s) for signs of leakage and proper operation. If leak is detected, submit a UE.	✓		
9	Clean coils by brushing, blowing, vacuuming, or pressure washing.	✓		
10	Check coils for leaking, tightness of fittings.	✓		
11	Use fin comb to straighten coil fins as needed.	✓		

K00-046CMI Management Inc.

- 12 Check belts for wear and cracks, adjust tension or alignment as applicable. Replace belts when necessary.
- 13 Check rigid couplings for alignment on direct drives, and for tightness of assembly
- 14 Vacuum interior of unit.
- 15 Check filter door for proper gasketing and air leaks. Correct as necessary.
- 16 Change the filter as needed with the correct size and type filter.
- 17 Insure that drain(s) are clear and running.
- 18 Clean up work area.

N/A

Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For 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

Additional Notes:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
FAN COIL UNIT/ DUCTLESS MINI SPLIT

SITE AND BLDG #: P-071-01

LOCATION/RM #: 118

WO# 10999

ASSET # 5188

MECHANIC
SIGNATURE: *Scot D. Miller*

START TIME: 8:40

DATE: 8/2/19

FINISH TIME: 8:50

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE YES NO	NOTES/ ACTIONS (OF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)	
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.	/		
2	Schedule shutdown with operating personnel, as needed.	/		
3	As needed, de-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work. Follow lock out/tag out procedures at all times.	/		
1	Check fan blades for dust buildup and clean if necessary.	/	N/A	
2	When applicable, check fan blades and moving parts for cracks and excessive wear.	/		
3	Tighten all electrical connectors to proper torque as needed.	/		
4	Check that the fan runs properly in all speeds as applicable.	/		
5	Check dampers and rotating auto diffusers for dirt accumulations, clean as necessary. Check felt, repair or replace as necessary.	/		
6	Check damper actuators and linkage for proper operation as applicable. Adjust linkage on dampers if out of alignment.	/		
7	Lubricate mechanical connections of dampers sparingly as applicable.	/		
8	Check the valve(s) for signs of leakage and proper operation. If leak is detected, submit a UE.	/		
9	Clean coils by brushing, blowing, vacuuming, or pressure washing.	/		
10	Check coils for leaking, tightness of fittings.	/		
11	Use fin comb to straighten coil fins as needed.	/		

K00-046CMI Management Inc.

- 12 Check belts for wear and cracks, adjust tension or alignment as applicable. Replace belts when necessary.
- 13 Check rigid couplings for alignment on direct drives, and for tightness of assembly.
- 14 Vacuum interior of unit.
- 15 Check filter door for proper gasketing and air leaks. Correct as necessary.
- 16 Change the filter as needed with the correct size and type filter.
- 17 Insure that drain(s) are clear and running.
- 18 Clean up work area.

N/A

Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For 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
Additional Notes:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
OUTDOOR CONDENSING UNIT

SITE AND BLDG #: Po 01-01

LOCATION/RM #: OUT10 WO# 10549 ASSET # 5232

MECHANIC
SIGNATURE: *Acosta*

DATE: 8/8/18

START TIME: 8:00

FINISH TIME: 8:30

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETED		NOTES/ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
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.		/	
2	Schedule outage of unit with personnel in area the unit serves.	/		
3	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.		/	
4	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.	/		
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
OUTDOOR CONDENSING UNIT

SITE AND BLDG #: Pr 011 - 01LOCATION/RM #: OUT12WO# 10844ASSET # 5233MECHANIC
SIGNATURE: DATE: 9/18/13START TIME: 8:00FINISH TIME: 8:30

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETED		NOTES/ACTIONS (IF TASK COMPLETE IS CHECKED NO PROVIDE EXPLANATION)
		YES	NO	
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.		/	
2	Schedule outage of unit with personnel in area the unit serves.		/	
3	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.		/	
4	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.		/	
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
OUTDOOR CONDENSING UNIT

SITE AND BLDG #: *Proj - 01*LOCATION/RM #: *OUTS Pm*WO# *10844*ASSET # *5234*MECHANIC
SIGNATURE: *[Signature]*DATE: *8/8/19*START TIME: *800*FINISH TIME: *830*

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETED		NOTES/ACTIONS (IF TASK COMPLETED IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
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.		/	
2	Schedule outage of unit with personnel in area the unit serves.	/		
3	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.		/	
4	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.	/		
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
OUTDOOR CONDENSING UNIT

SITE AND BLDG #: *Pr 01-01*LOCATION/RM #: *OUTSIDE* WO# *10844* ASSET # *5235*MECHANIC
SIGNATURE: *John*DATE: *2/8/18*

START TIME:

FINISH TIME:

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
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.		/	
2	Schedule outage of unit with personnel in area the unit serves.	/		
3	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.		/	
4	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.	/		
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
OUTDOOR CONDENSING UNIT

SITE AND BLDG #: P2 Q11-01
LOCATION/RM #: 0810 WO# 10844 ASSET # 5236

MECHANIC
SIGNATURE:

DATE:

START TIME:

8:00

FINISH TIME:

8:30

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
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.		/	
2	Schedule outage of unit with personnel in area the unit serves.	/		
3	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.		/	
4	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.	/		
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
CHILLER CONTROL PANEL (ANNUAL)

ACTIVITY AND BLDG #: Pr 011 - 01LOCATION: 106 Wat 10844 Asset #5292MECHANIC
SIGNATURE: FrankDATE: 8/9/19START TIME: 830FINISH TIME: 835

ITEM NUMBER	CHECKLIST ITEM DESCRIPTION	TASK COMPLETION		NOTES/ACCTIONS
		YES	NO	
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.	/		
2	Read and understand the manufacturer's instructions before making any adjustments or calibrations.	/		
4	Schedule work with operating personnel, as needed.	/		
5	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.			
6	Ensure appropriate site personnel are notified that alarms that may result from testing and to disregard them until testing is completed.	/		
7	Replace defective control safeties (as work order) found while performing preventive maintenance.	/		
TO BE PERFORMED DAILY DURING INSPECTION SERVICE				
1	Clean and calibrate all controlling instruments (temperature and pressure transducers, etc.) in accordance with manufacturer's instructions and maintenance standard.	/		
2	Check and clean all electrical contacts and pneumatic orifices.	/		
3	Check pneumatic tubing for leaks or damage. Repair or replace as required.			
4	Check for bad indicator lights and gauges and replace as necessary.			
5	Test all controllers and set at proper set points.			
6	Check operating data and analyze for proper operation. Note unusual conditions such as compressor surge on maintenance log.			

Note: The Contractor shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence.

Checklist compiled in accordance with:

- General Services Administration (GSA) Public Building Service. 2012. *Public Buildings Maintenance Standards Final*. October 1.
- Original equipment manufacturers (OEM) documentation for exact or similar assets, which can be located at (Provide Link to OEM Manual/Asset Library)

Additional Notes:

HVAC Control Panel for AHU

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
CHILLER CONTROL PANEL (ANNUAL)

ACTIVITY AND BLDG #:

P001 - 01

MECHANIC
SIGNATURE:

DATE:

8/8/18

LOCATION: 114 Work 10944 Pass 5320

START TIME:

FINISH TIME:

ITEM #	DESCRIPTION	PARK COMPLIANCE		NOTES/ACHIEVEMENTS
		YES	NO	
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.		/	
2	Read and understand the manufacturer's instructions before making any adjustments or calibrations.		/	
4	Schedule work with operating personnel, as needed.			
5	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.		/	
6	Ensure appropriate site personnel are notified that alarms that may result from testing and to disregard them until testing is completed.		/	
7	Replace defective control safeties (as work order) found while performing preventive maintenance.		/	
TOTAL PERFORMED DAILY DURING THIS SECTION OF SERVICE				
1	Clean and calibrate all controlling instruments (temperature and pressure transducers, etc.) in accordance with manufacturer's instructions and maintenance standard.		/	
2	Check and clean all electrical contacts and pneumatic orifices.		/	
3	Check pneumatic tubing for leaks or damage. Repair or replace as required.		/	
4	Check for bad indicator lights and gauges and replace as necessary.		/	
5	Test all controllers and set at proper set points.		/	
6	Check operating data and analyze for proper operation. Note unusual conditions such as compressor surge on maintenance log.		/	

Note: The Contractor shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence.

Checklist compiled in accordance with:

- General Services Administration (GSA) Public Building Service. 2012. *Public Buildings Maintenance Standards Final*. October 1.
- Original equipment manufacturers (OEM) documentation for exact or similar assets, which can be located at (Provide Link to OEM Manual/Asset Library)

Additional Notes:

HVAC Control Panel