

CERTIFICATION OF WORK

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

FACID/Building: PA 013 Date of Visit: 6/3/19

Contractor Personnel on Site:

- | | |
|------------------------|----------|
| 1. <u>Tony Lazarus</u> | 4. _____ |
| 2. <u>Jim Geertsen</u> | 5. _____ |
| 3. <u>Scott Werry</u> | 6. _____ |

Work Performed:

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

- | | |
|----------------|-------------|
| 1. <u>9280</u> | <u>9320</u> |
| 2. <u>9315</u> | <u>9458</u> |
| 3. <u>9382</u> | _____ |
| 4. <u>9189</u> | _____ |

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Jim Geertsen Date: 6-3-19

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: Brandy Orris SAA Date: 20190603

Signed: [Signature]

E-Mail:

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

FACID/Building: PA 013 Date of Visit: 6/3/19

Contractor Personnel on Site:

- | | |
|------------------------|----------|
| 1. <u>Tony Cazarez</u> | 4. _____ |
| 2. <u>Jim Gerdjan</u> | 5. _____ |
| 3. <u>Scott Werry</u> | 6. _____ |

Work Performed:

Other Recurring Services

- | | |
|----------------|-------|
| 1. <u>9214</u> | _____ |
| 2. _____ | _____ |
| 3. _____ | _____ |
| 4. _____ | _____ |

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Jim Gerdjan Date: 6-3-19
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:

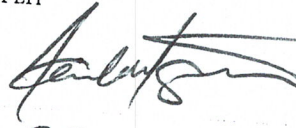
Print Name/Rank: Brandy Orris SAA Date: 20190603
Signed: [Signature]

E-Mail: _____

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST FAN COIL UNIT/ DUCTLESS MINI SPLIT

SITE AND BLDG #:

P-013 -G1

MECHANIC
SIGNATURE:


DATE:

6/3/19

LOCATION/RM #:

123

WO#

9382

ASSET #

4018

START TIME:

830

FINISH TIME:

840

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.			
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.

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 discription of the deficiency.

To be performed by: General Maintenance Worker

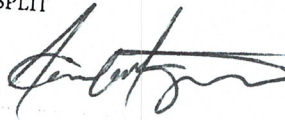
Additional Notes:

D/C

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST FAN COIL UNIT/ DUCTLESS MINI SPLIT

SITE AND BLDG #:

PA 013-01

MECHANIC
SIGNATURE:


DATE:

6/3/1

LOCATION/RM #:

125

WO#

9392

ASSET #

9020

START TIME:

8:40

FINISH TIME:

9:00

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.	-	-	NA
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.	-	-	NA
6	Check damper actuators and linkage for proper operation as applicable. Adjust linkage on dampers if out of alignment. Lubricate mechanical connections of dampers sparingly as applicable.	-	-	NA
8	Check the valve(s) for signs of leakage and proper operation. If leak is detected, submit a UE.	-	-	NA
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.	-	-	NA

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- 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.

NA

NA

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 discription of the deficiency.

To be performed by: General Maintenance Worker

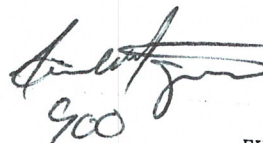
Additonal Notes:

AC

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST FAN COIL UNIT/ DUCTLESS MINI SPLIT

SITE AND BLDG #:

PA 013-07

MECHANIC
SIGNATURE:


DATE:

6/3/19

LOCATION/RM #:

126

WO#

9382

ASSET #

4621

START TIME:

900

FINISH TIME:

915

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.	-	NA	
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.	-	NA	
6	Check damper actuators and linkage for proper operation as applicable. Adjust linkage on dampers if out of alignment. Lubricate mechanical connections of dampers sparingly as applicable.	-	NA	
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.	-	NA	

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- 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.

NA

NA

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:

hK

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST FAN COIL UNIT/ DUCTLESS MINI SPLIT

SITE AND BLDG #:

PA 013-01

MECHANIC
SIGNATURE:


DATE:

6/13/19

LOCATION/RM #:

127

WO#

9382

ASSET #

4022

START TIME:

915

FINISH TIME:

930

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS <small>(IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)</small>
		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.			NA
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.			NA
6	Check damper actuators and linkage for proper operation as applicable. Adjust linkage on dampers if out of alignment. Lubricate mechanical connections of dampers sparingly as applicable.			NA
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.			NA

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- 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.

NA

NA

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:

BIC

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST UNIT HEATER, HOT WATER

SITE AND BLDG #:

Pp 013-01

LOCATION/RM #:

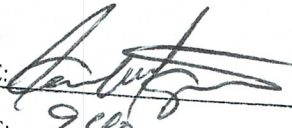
Ducan

WO# 7352

ASSET # 4106

MECHANIC

SIGNATURE:



DATE:

6/3/18

START TIME:

940

FINISH TIME:

950

ITEM NO.	DESCRIPTION	COMPLETION		NOTES/REMARKS
		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.		/	
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.	/	/	
WORK PERFORMED AT EACH INSPECTION SERVICE				
4	Check valve for full stroke operation in both directions, if applicable.	/		
5	Check valve for signs of abnormal wear and leaks. Replace packing if needed.	/		
6	Clean the coil with vacuum cleaner.	/		
7	Comb the fins as needed.		N/A	
8	Clean all fans and motors.		N/A	
9	Check operation of controls and safeties.	/		
10	Lubricate as required.	/		
11	Check all motors, belts, pulleys, shafts, etc. for alignment.	/		

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

Additional Notes:

BC

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST UNIT HEATER, ELECTRIC

SITE AND BLDG #:

PA -013 -01

MECHANIC

SIGNATURE:

[Signature]

DATE:

6/3/19

LOCATION/RM #:

115

WO#

9382

ASSET #

4191

START TIME:

950

FINISH TIME:

955

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	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.	-	-	
1	Check heater coils and assoated piping for leaks or corrsion.	-	-	
2	Clean heating coil. Brush vaccum where accessible.	-	-	
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 fan for bent blades, unbalance, excessive noise and vibration.	-	-	NP
5	Check motor and fan shaft bearings for noise, vibraton, overheating; lubrucate bearings.	-	-	NP
6	Verify proper control by modulating the thermostat through complete cycle.	-	-	
7	Inspect unit for proper operation.	-	-	
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 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

[Signature]

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST UNIT HEATER, HOT WATER

SITE AND BLDG #:

PR 013-01

LOCATION/RM #:

135

WO#

9382

ASSET #

4540

MECHANIC

SIGNATURE:



DATE:

6/3/19

START TIME:

955

FINISH TIME:

1010

ITEM NO.	DESCRIPTION	TESTS COMPLETED		NOTES/ACTIONS (if applicable, include date, time, and location)
		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.		/	
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.	/		
	Check valve for full stroke operation in both directions, if applicable.	/		
	Check valve for signs of abnormal wear and leaks. Replace packing if needed.	/		
	Clean the coil with vacuum cleaner.	/		
4	Comb the fins as needed.		N/A	
5	Clean all fans and motors.		N/A	
6	Check operation of controls and safeties.	/		
7	Lubricate as required.	/		
8	Check all motors, belts, pulleys, shafts, etc. for alignment.	/		

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

Additional Notes:

2 PR

BK