

CERTIFICATION OF WORK

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

FACID/Building: PAC11 - G1 +02 Date of Visit: 12/7/18

Contractor Personnel on Site:

- |                          |                       |
|--------------------------|-----------------------|
| 1. <u>Tony Luzzo</u>     | 4. <u>Scott Werry</u> |
| 2. <u>Jim Geertgens</u>  | 5. _____              |
| 3. <u>Frank Spangler</u> | 6. _____              |

Work Performed:

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

- |                |             |
|----------------|-------------|
| 1. <u>6536</u> | <u>6717</u> |
| 2. <u>6579</u> | _____       |
| 3. <u>6645</u> | _____       |
| 4. <u>6604</u> | _____       |

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Jim Geertgens Date: 12-7-18

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: SGT Spangler, Tabitha Date: 2018/207

Signed: Tabitha Spangler

E-Mail: Tabitha.K.Spangler.mil@mail.mil

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

FACID/Building: P-011 -01

Date of Visit: 12/7/18

Contractor Personnel on Site:

- |                          |                       |
|--------------------------|-----------------------|
| 1. <u>Tony Lozano</u>    | 4. <u>Scott Berry</u> |
| 2. <u>Jim Geertman</u>   | 5. _____              |
| 3. <u>Frank Sapienza</u> | 6. _____              |

Work Performed:

Other Recurring Services

- |                |       |
|----------------|-------|
| 1. <u>Q501</u> | _____ |
| 2. _____       | _____ |
| 3. _____       | _____ |
| 4. _____       | _____ |

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Jim Geertman Date: 12-7-18  
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: SGT Spangler, Tabitha K Date: 2018/207

Signed: Tabitha Spangler

E-Mail: Tabitha.K.Spangler.mil@mail.mil

# PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST GREASE TRAP

SITE AND BLDG #:

P 011-01

LOCATION/RM #:

Kitchen WO# 6579 ASSET # 7486

MECHANIC  
SIGNATURE:

*[Signature]*

DATE:

12/7/18

START TIME:

930

FINISH TIME:

940

ITEM NO.	CHECK/DESCRIPTION	PASS/COMPLETED		REMARKS/NOTES
		YES	NO	
<b>SPECIAL INSTRUCTIONS</b>				
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.	/		
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	Insure proper grease disposal.	/		
<b>TO BE PERFORMED AT EACH INSPECTION SERVICE</b>				
1	Do not use enzymes, acids, caustics, solvents or emulsifying products when cleaning or maintaining the grease traps.	/		
2	Remove lid. If the trap is equipped with removable baffles, remove them.	/		
3	Make sure the flow restrictor on the inflow pipe is present.	/		
4	If damages, missing parts, or cleaning is required, report them as needed to ensure proper working operation.	/		
5	Replace lid and baffles.	/		
6	Return (or fill) water to grease trap	/		N/A
7	Record grease trap maintenance activities on your log or request a receipt from your grease hauler. Keep records for 3 years.	/		

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 Technician

Additional Notes:

12 inch of water  
Trap is clean



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

SITE AND BLDG #:

Pa 011-01

MECHANIC

SIGNATURE:



DATE: 12/7/18

LOCATION/RM #:

113 A

WO#

6645

ASSET #

3557

START TIME:

800

FINISH TIME:

815

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

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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.

N/A

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 011-01

MECHANIC

SIGNATURE:



DATE: 12/2/18

LOCATION/RM #:

113 B

WO# 6645

ASSET # 3998

START TIME:

8:15

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 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.	-	-	NA
6	Check damper actuators and linkage for proper operation as applicable. Adjust linkage on dampers if out of alignment.	-	-	NA
7	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.	-	-	
1	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:

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

SITE AND BLDG #: *PA 011-01*LOCATION/RM #: *Bremer* WO# *6641*ASSET # *3999*MECHANIC  
SIGNATURE: *[Signature]*START TIME: *830*DATE: *12/7/12*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.		N/A	
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.		N/A	
4	Check that the fan runs properly in all speeds as applicable.		N/A	
5	Check dampers and rotating auto diffusers for dirt accumulations, clean as necessary. Check felt, repair or replace as necessary.		N/A	
6	Check damper actuators and linkage for proper operation as applicable. Adjust linkage on dampers if out of alignment.		N/A	
7	Lubricate mechanical connections of dampers sparingly as applicable.		N/A	
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	

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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.

N/A

N/A

N/A

N/A

N/A K. H. R. Required

N/A B. Green

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 #:

PA 011-01

MECHANIC

SIGNATURE:



DATE:

12/7/18

LOCATION/RM #:

112

WO#

6645

ASSET #

4008

START TIME:

840

FINISH TIME:

860

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.	-	NA	
6	Check damper actuators and linkage for proper operation as applicable. Adjust linkage on dampers if out of alignment.	-	NA	
7	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.

Additional Notes:

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

SITE AND BLDG #:

P-011-01

MECHANIC  
SIGNATURE:


DATE:

12/7/18

LOCATION/RM #:

111

WO#

6645

ASSET #

4601

START TIME:

850

FINISH TIME:

800

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.	-	-	NA
6	Check damper actuators and linkage for proper operation as applicable. Adjust linkage on dampers if out of alignment.	-	-	NA
7	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 discription 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 #: Pa 011 - 01

LOCATION/RM #: office WO# 6645

ASSET # 4002

MECHANIC  
SIGNATURE: 

DATE: 12/1/18

START TIME: 910

FINISH TIME: 920

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

Additional Notes:

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

SITE AND BLDG #: Pa Gil-01

MECHANIC

SIGNATURE: 

DATE: 12/7/18

LOCATION/RM #: 109

WO# 6641

ASSET # 4003

START TIME: 920

FINISH TIME: 930

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

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

SITE AND BLDG #:

R 001 - 01

MECHANIC  
SIGNATURE:


DATE:

12/7/18

LOCATION/RM #:

108

WO#

664R

ASSET #

4004

START TIME:

940

FINISH TIME:

950

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.	-	-	NA
6	Check damper actuators and linkage for proper operation as applicable. Adjust linkage on dampers if out of alignment.	-	-	NA
7	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.

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:



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

SITE AND BLDG #:

P-001-01

MECHANIC  
SIGNATURE:


DATE:

12/7/18

LOCATION/RM #:

107

WO#

6645

ASSET #

4005

START TIME:

930

FINISH TIME:

940

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.	-	-	NA
6	Check damper actuators and linkage for proper operation as applicable. Adjust linkage on dampers if out of alignment.	-	-	NA
7	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

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.

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

Additional Notes:

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

SITE AND BLDG #:

PAC 11 - 001

MECHANIC  
SIGNATURE:


DATE:

12/7/18

LOCATION/RM #:

118

WO#

6645

ASSET #

4006

START TIME:

940

FINISH TIME: 950

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.	-	-	NA
6	Check damper actuators and linkage for proper operation as applicable. Adjust linkage on dampers if out of alignment.	-	-	NA
7	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:

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

SITE AND BLDG #:

PA 081 -01

MECHANIC  
SIGNATURE:


DATE: 12/7/18

LOCATION/RM #:

CARMAN

WO# 664r

ASSET #

4007

START TIME:

930

FINISH TIME:

890

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.	-	NA	
2	When applicable, check fan blades and moving parts for cracks and excessive wear.	-	NA	
3	Tighten all electrical connectors to proper torque as needed.	-	NA	
4	Check that the fan runs properly in all speeds as applicable.	-	NA	
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.	-	NA	
7	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.	-	NA	
10	Check coils for leaking, tightness of fittings.	-	NA	
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

NA

NA

No Filter Required N. Blank

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:



# PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST UNIT HEATER, ELECTRIC

SITE AND BLDG #:

P-011 - 01

MECHANIC  
SIGNATURE:

Tone

DATE:

12/7/18

LOCATION/RM #:

Boiler Room

WO# 6695

ASSET #

418

START TIME:

0820

FINISH TIME:

0840

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 associated piping for leaks or corrosion.	✓		
2	Clean heating coil. Brush vacuum 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.	✓		
5	Check motor and fan shaft bearings for noise, vibration, overheating; lubricate bearings.	✓		
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 description of the deficiency. To be performed by: HVAC Technician