

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

FACID/Building: PA66 Date of Visit: 17-21-18 - 129, 12-18

Contractor Personnel on Site:

1. Kankaise
2. _____
3. _____
4. _____
5. _____
6. _____

Work Performed: December 2018 Preventative maintenance,

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

1. WPT 6535, 6653, 6540, 6607,
2. 6678, 6712 6698
3. _____
4. _____

Inspection, Testing, and Certification

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

Other Recurring Services

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

Service Calls - Service Call Number and Description

1. _____
2. _____
3. _____

Over and Above Repair Work – Order Number and Description of Work Completed

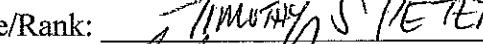
CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Kera Kaeley Date: 12-21-16
Signed: Kera Kaeley

To be signed by Facility Manager:

I certify that the above named individuals representing the Contractor arrived on site and to the best of my knowledge, completed the stated work listed:

Print Name/Rank: TIMOTHY S PETERS Date: 21 DEC 18
Signed: 
E-Mail:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST

UNIT HEATER, HOT WATER

SITE AND BLDG #: 4166 MECHANIC SIGNATURE: Brinkley DATE: 10/19/18

LOCATION/RM #: WO# 6678 ASSET# 4722 START TIME: _____ FINISH TIME: _____

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ACTIONS (IF TASK COMPLETE IS CHECKING, 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.	✓		
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.	✓		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Check valve for full stroke operation in both directions, if applicable.	✓		
2	Check valve for signs of abnormal wear and leaks. Replace packing if needed.	✓		
3	Clean the coil with vacuum cleaner.	✓		
4	Comb the fins as needed.	✓		
5	Clean all fans and motors.	✓		
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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
UNIT HEATER, HOT WATER

SITE AND BLDG #:

*Ph 104*MECHANIC
SIGNATURE: *K. Hause*DATE: *12/19/10*LOCATION/RM #: *WO#6678* ASSET # *4588*

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 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.	✓		

10 STEP PERIODIC MAINTENANCE INSPECTION SERVICE

1	Check valve for full stroke operation in both directions, if applicable.	✓	
2	Check valve for signs of abnormal wear and leaks. Replace packing if needed.	✓	
3	Clean the coil with vacuum cleaner.	✓	
4	Comb the fins as needed.	✓	
5	Clean all fans and motors.	✓	
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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
UNIT HEATER, ELECTRIC

SITE AND BLDG #: PALLET

WO# 6679 **ASSET #** 4260

MECHANIC SIGNATURE: Kennum **DATE:** 12/19/18

LOCATION/RM #: **START TIME:** **FINISH TIME:**

CHECKPOINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ACTIONS (IF TASK COMPLETE, 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.	✓		
10 BELL TERRIOR INDUSTRIAL EQUIPMENT INSPECTION SERVICE				
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 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
UNIT HEATER, ELECTRIC

SITE AND BLDG #: PA166-02

LOCATION/RM #: WO#6678 ASSET # 4214

MECHANIC SIGNATURE: *Myers* **DATE:** 12-19-18

START TIME: _____

FINISH TIME: _____

CHECK POINT	CHECK/OWNER DESCRIPTION	TASK COMPLETED		NOTES/ACTIONS (IN THIS COLUMN IS CHECKED NO PROVIDED 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.	✓		
TO BE PERFORMED AT CONSTRUCTION/SERVICE				
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 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

UNIT HEATER, ELECTRIC

SITE AND BLDG #: PH166-02

LOCATION/RM #:

WO# 6678 ASSET # 461

MECHANIC
SIGNATURE: John D. Sauer

DATE: 12-19-18

START TIME:

FINISH TIME:

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE: CHECKED NO PROVIDED 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.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Check heater coils and associated piping for leaks or corrosion.	<input checked="" type="checkbox"/>		
2	Clean heating coil. Brush vacuum where accessible.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
4	Inspect fan for bent blades, unbalance, excessive noise and vibration.	<input checked="" type="checkbox"/>		
5	Check motor and fan shaft bearings for noise, vibration, overheating, lubricate bearings.	<input checked="" type="checkbox"/>		
6	Verify proper control by modulating the thermostat through complete cycle.	<input checked="" type="checkbox"/>		
7	Inspect unit for proper operation.	<input checked="" type="checkbox"/>		
8	Inspect unit for overall condition and recommend for replacement or other needed repairs.	<input checked="" type="checkbox"/>		

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:

Need new heat control module for unit

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
 UNIT HEATER, ELECTRIC

SITE AND BLDG #: 24166-02MECHANIC
SIGNATURE: JohnDATE: 12-19-18LOCATION/RM #: Explorze WO# 6678 ASSET # 4140

START TIME: _____ FINISH TIME: _____

CHECK POINT	CHECK POINT DESCRIPTION	TASK COMPLETED		NOTES / ACTIONS (IF TASK COMPLETED IS CHECKED NO PROVIDED 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.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
TO BE PERFORMED BY A MAINTENANCE SERVICE				
1	Check heater coils and associated piping for leaks or corrosion.	<input checked="" type="checkbox"/>		
2	Clean heating coil. Brush vacuum where accessible.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
4	Inspect fan for bent blades, unbalance, excessive noise and vibration.	<input checked="" type="checkbox"/>		
5	Check motor and fan shaft bearings for noise, vibration, overheating, lubricate bearings.	<input checked="" type="checkbox"/>		
6	Verify proper control by modulating the thermostat through complete cycle.	<input checked="" type="checkbox"/>		
7	Inspect unit for proper operation.	<input checked="" type="checkbox"/>		
8	Inspect unit for overall condition and recommend for replacement or other needed repairs.	<input checked="" type="checkbox"/>		

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
UNIT HEATER, ELECTRIC

SITE AND BLDG #: **PAU6-08**WO# **6678** ASSET # **412 79**MECHANIC SIGNATURE: **Ken Karp**DATE: **10/22/2012**LOCATION/RM #: **WATER TOWER**
START TIME: **08:00** **FINISH TIME:** **09:00**

CHECKPOINT	CHECKPOINT DESCRIPTION	TASK COMMITMENT		NOTES/ACTIONS (IF TASKS COMPLETE, CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
TO BE PERFORMED DURING INSPECTION SERVICE				
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.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
1	Check heater coils and associated piping for leaks or corrosion.	<input checked="" type="checkbox"/>		
2	Clean heating coil. Brush vacuum where accessible.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
4	Inspect fan for bent blades, unbalance, excessive noise and vibration.	<input checked="" type="checkbox"/>		
5	Check motor and fan shaft bearings for noise, vibration, overheating: lubricate bearings.	<input checked="" type="checkbox"/>		
6	Verify proper control by modulating the thermostat through complete cycle.	<input checked="" type="checkbox"/>		
7	Inspect unit for proper operation.	<input checked="" type="checkbox"/>		
8	Inspect unit for overall condition and recommend for replacement or other needed repairs.	<input checked="" type="checkbox"/>		

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
UNIT HEATER, ELECTRIC

SITE AND BLDG #: P4166-C2

WO# 6678 ASSET # 4278

MECHANIC
SIGNATURE: Ken Kue

DATE: 10/10/14

LOCATION/RM #:

START TIME: 08:00

FINISH TIME: 09:00

CHECK POINT	CHECK POINT DESCRIPTION	TASK COMPLETE		NOTES/ACTIONS (IN THIS COLUMN, CHECK AND NO FROM DEFICIENCIES)
		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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
TO BE PERFORMED AT A DACH INSPECTION SERVICE				
1	Check heater coils and associated piping for leaks or corrosion.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2	Clean heating coil. Brush vacuum where accessible.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4	Inspect fan for bent blades, unbalance, excessive noise and vibration.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5	Check motor and fan shaft bearings for noise, vibration, overheating, lubricate bearings.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6	Verify proper control by modulating the thermostat through complete cycle.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
7	Inspect unit for proper operation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8	Inspect unit for overall condition and recommend for replacement or other needed repairs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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:

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

FACID/Building: PA66 Date of Visit: 17-21-18 - 129, 12-18

Contractor Personnel on Site:

1. Kankaise
2. _____
3. _____
4. _____
5. _____
6. _____

Work Performed: December 2018 Preventative maintenance,

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

1. WPT 6535, 6653, 6540, 6607,
2. 6678, 6712 6698
3. _____
4. _____

Inspection, Testing, and Certification

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

Other Recurring Services

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

Service Calls - Service Call Number and Description

1. _____
2. _____
3. _____

Over and Above Repair Work – Order Number and Description of Work Completed

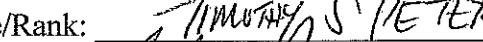
CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Kera Kaeley Date: 12-21-16
Signed: Kera Kaeley

To be signed by Facility Manager:

I certify that the above named individuals representing the Contractor arrived on site and to the best of my knowledge, completed the stated work listed:

Print Name/Rank: TIMOTHY S PETERS Date: 21 DEC 18
Signed: 
E-Mail: