

**CERTIFICATION OF WORK
PREVENTIVE MAINTENANCE**

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

FACID/Building: PA118 Date of Visit: DEC 18 ~~18~~ 18

Contractor Personnel on Site:

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

Work Performed:

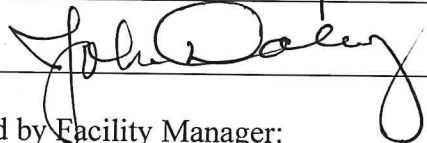
Preventive Maintenance - Services Completed (Annual, Quarterly, Monthly, equipment identification, etc.)

1. 6469 MO, 6529 QT, 6587 QT, 6635 SA, 6596 QT, 6680 SA
2. Flood Light, Hot Water Pump, Overhead Vehicle Exhaust, Unit Heater, Hydronic Radiator,
3. Unit Heater, Hydronic Radiator, Unit Heater, Overhead Vehicle Exhaust
4. Unit Heater,
5. _____

CERTIFICATION OF WORK

To be signed by the Contractor:

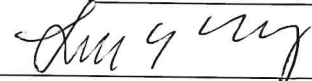
Print Name: John Daley Date: DEC 18 ~~18~~ 18

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: LUTHER E MALORY Date: DEC 18 ~~18~~ 18

Signed: 

E-Mail: _____

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST **UNIT HEATER, INFRA-RED, RADIANT, GAS**

SITE AND BLDG #: PA118-01MECHANIC
SIGNATURE: John DwyerDATE: 18 Dec 18LOCATION/RM #: Bays WO# 6635 ASSET # 3956
3957START TIME: 0900FINISH TIME: 1600

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
SPECIAL INSTRUCTIONS				
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 EACH INSPECTION SERVICE				
1	For gas/oil heaters: 1. Remove access panels if applicable. 2. Check the fire box liner or refractory for cracks and leaks. 3. Check all gas lines for leaks. Repair as needed.	✓		
2	Clean dirt from heater, vacuuming is preferred.	✓		
3	Check operation of gas valve.	✓		
4	Check for gas leaks.	✓		
5	Check operation of thermostat.	✓		
6	If applicable, replace primary air intake filter.	✓		
7	As needed, clean spark electrode and reset gap, replace if necessary.	✓		
8	Inspect flue pipe and connections.	✓		
9	If applicable, inspect and clean outside air blower and blower intake.	✓		
10	Inspect unit for proper operation.	✓		
11	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 discription of the deficiency.

To be performed by: HVAC Technician

Additional Notes: ALSO - ASSET #'s 4462, 4595

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST **RADIANT BASEBOARDS/CONVECTORS (STEAM, HOT WATER, OR ELECTRIC)**

SITE AND BLDG #:

PA118-01

MECHANIC

SIGNATURE:

John Kaley

DATE: 18 Dec 18

LOCATION/RM #:

VARIOUS

WO#

6635

ASSET #

580
B204

START TIME:

0900

FINISH TIME: 1600

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
SPECIAL INSTRUCTIONS				
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 EACH INSPECTION SERVICE				
1	Check radiator valve for free turning and seating. Check packing.	✓		
2	Remove covers or wall panels. Note: Extreme care must be taken when removing marble or granite wall panels. These panels are extremely heavy and very fragile.	✓		
3	Check housing, braces, supports, hangers, and hardware for signs of deterioration or damage.	✓		
4	Check temperature or flow controls, shutoff valves, vents and traps for proper operation.	✓		
5	If radiator has automatic temperature regulating valve, remove valve cover and remove dirt by vacuuming.	✓		
6	For hot water radiators, check air bleed valve.	✓		
7	Wire brush and treat with rust inhibitor all rusted areas.	✓		
8	Check coils, piping, and fin material for damage, leaks or looseness. Straighten finned material as necessary.	✓		
9	Vacuum out finned tube area and interior housing.	✓		
10	Clean and replace covers or wall panels and caulk wall panels as required. Clean 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: General Maintenance Worker

Additional Notes:

ASSET # 154060, 4061, 4062, 4063, 4064, 4065, 4066, 4067, 4068, 4069, 4070, 4466, 4523

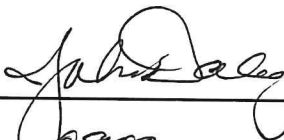
PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST **UNIT HEATER, ELECTRIC**

SITE AND BLDG #:

PA118-01

MECHANIC

SIGNATURE:



DATE: 18DEC28

LOCATION/RM #:

Boiler Room

WO#

6635

ASSET #

4115

START TIME:

0900

FINISH TIME: 1600

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
SPECIAL INSTRUCTIONS				
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 EACH INSPECTION SERVICE				
1	Check heater coils and assoicated piping for leaks or corrosion.	✓		
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.	✓		
5	Check motor and fan shaft bearings for noise, vibraton, overheating; lubrucate 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, HOT WATER**

SITE AND BLDG #: TR 118-01

MECHANIC

SIGNATURE: John CareyDATE: 10/26/18LOCATION/RM #: VARIOUS WO# 6635 ASSET # 508 BelowSTART TIME: 0900FINISH TIME: 1600

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
SPECIAL INSTRUCTIONS				
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 discription of the deficiency.

To be performed by: General Maintenance Worker

Additional Notes: ASSET #'S 4330, 4331, 4332, 4367, 4368