

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

SITE AND BLDG #: 9051-227 MECHANIC SIGNATURE: Duncanson DATE: 7/24/19

LOCATION/RM #: hwyer WO# 9367 ASSET # 4268 START TIME: 8 FINISH TIME: 9-

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 gsa/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 description of the deficiency.

To be performed by: HVAC Technician

Additional Notes:

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

SITE AND BLDG #: Ph 051-227

LOCATION/RM #: hwy 4 **WO#** 9367 **ASSET #** 41314

MECHANIC SIGNATURE: [Signature] **DATE:** 7/27/19

START TIME: 8 **FINISH TIME:** 3:30

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 gsa/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 description of the deficiency.

To be performed by: HVAC Technician

Additional Notes:

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

SITE AND BLDG #: 4051-227- MECHANIC SIGNATURE: James Smith DATE: 7/24/19

LOCATION/RM # 612 WO# 9267 ASSET # 4420 START TIME: 9 FINISH TIME: 9:30

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 description of the deficiency.

To be performed by: HVAC Technician

Additional Notes:

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

SITE AND BLDG #: P4051-227 MECHANIC SIGNATURE: Donnie Stuyd DATE: 7/27/19

LOCATION/RM #: hangar WO# 9267 ASSET # 421 START TIME: 8 FINISH TIME: 8:30

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 gsa/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 description of the deficiency.

To be performed by: HVAC Technician

Additional Notes:

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

SITE AND BLDG #: 89051-227 MECHANIC SIGNATURE: Denise Sanyal DATE: 7/27/19

LOCATION/RM #: Unit 118 WO# 9267 ASSET # 4453 START TIME: 10 FINISH TIME: 10:30

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 description of the deficiency.

To be performed by: HVAC Technician

Additional Notes:

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

SITE AND BLDG #: 9051-227 MECHANIC SIGNATURE: David Stump DATE: 7/24/19
 LOCATION/RM #: Unit Heater WO# 9367 ASSET # 4454 START TIME: 11 FINISH TIME: 1:30

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 description of the deficiency.

To be performed by: HVAC Technician

Additional Notes:

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

SITE AND BLDG #: P2051-207- MECHANIC SIGNATURE: Dominic Staryo DATE: 7/24/19

LOCATION/RM #: V3 WO# 9367 ASSET # 4455 START TIME: 12 FINISH TIME: 1230

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 #, W/O #, photos, and a detailed description of the deficiency.

To be performed by: HVAC Technician

Additional Notes:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST **VARIABLE FREQUENCY DRIVE**

SITE AND BLDG #: 94051-227- MECHANIC SIGNATURE: Scott Kulis DATE: 6/7/19

LOCATION/RM #: A1-1-4 WO# 9275 ASSET # 5012 START TIME: 8:30 FINISH TIME: 8:30

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.	☒		
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	Perform a complete visual inspection and cleaning. Broken or damaged parts are replaced as necessary. Inspected for ambient temperature, dust, dirt, moisture, evidence of overheating, corrosion, integrity, etc. Capacitors are checked for leakage. Conductors and parts are checked for proper insulation. Drives are cleaned using vacuum or compressed air as required. Filters are cleaned or replaced. Power connections are re-torqued to manufacturer's specifications.	☒		
2	Proper cooling is critical to the operation of a VFD. Fans are energized and tested for air flow. Heat sinks and air passages are inspected to detect blockage or broken/cracked components. Fans are replaced as necessary.	☒		
3	Inspect VFD panel for alarm and confirm that unit is in automatic operation and system is normal.	☒		

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:

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