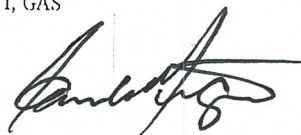


# PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST UNIT HEATER, INFRA-RED, RADIANT, GAS

SITE AND BLDG #:

P2 013 -02

MECHANIC  
SIGNATURE:


DATE:

12/3/12

LOCATION/RM #: UMS

WO#

6724

ASSET #

4289

START TIME:

1000

FINISH TIME:

1015

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	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, vaccuming 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

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

SITE AND BLDG #: PA 013-02

MECHANIC  
SIGNATURE:

DATE: 12/13/18

LOCATION/RM #: CMS  
Bay 1 WO# 6724 ASSET # 4290

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	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	For gas/oil heaters:			
	1. Remove access panels if applicable.	/		
	2. Check the fire box liner or refractory for cracks and leaks.			4 Bad cells
	3. Check all gas lines for leaks. Repair as needed.			
2	Clean dirt from heater, vaccuming 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.	/		NA
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

4 Bad Heat Exchange cells

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

SITE AND BLDG #:

PA 013-02

MECHANIC  
SIGNATURE:


DATE:

12/3/12

LOCATION/RM #:

oms

WO#

6724

ASSET #

4291

START TIME:

1015

FINISH TIME:

1030

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	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	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, vaccuming 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.	/		NA
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.	/		

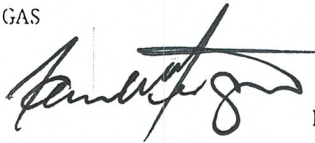
Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For



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

SITE AND BLDG #:

P 013 -01

MECHANIC  
SIGNATURE:

DATE:

12/3/12

LOCATION/RM #:

oms

WO#

6724

ASSET #

4292

START TIME:

1015

FINISH TIME:

1030

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	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, vaccuming 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

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

SITE AND BLDG #: PA 013-02

MECHANIC  
SIGNATURE: *[Signature]*

DATE: 12/3/18

LOCATION/RM #: 0MS WO# 6724 ASSET # 4293

START TIME: 1030

FINISH TIME: 1045

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	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, vaccuming 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.			

Hairline crack

NA

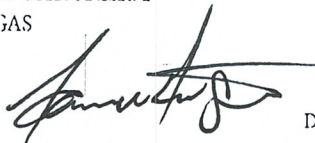
Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For

Crack in Heat exchanger

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

SITE AND BLDG #:

PA 013-02

MECHANIC  
SIGNATURE:


DATE:

12/3/18

LOCATION/RM #:

oms

WO#

6724

ASSET #

4324

START TIME:

1045

FINISH TIME:

1100

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	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	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, vaccuming 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.	/		

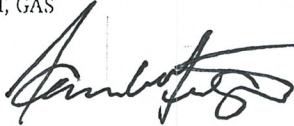
Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For



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

SITE AND BLDG #:

PA 013 -02

MECHANIC  
SIGNATURE:

DATE:

12/3/12

LOCATION/RM #:

001

WO# 6724

ASSET #

4325

START TIME:

1100

FINISH TIME:

1115

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	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	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, vaccuming 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

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

SITE AND BLDG #:

P2 013 - 01

MECHANIC  
SIGNATURE:


DATE:

12/3/12

LOCATION/RM #:

0M5

WO#

6724

ASSET #

4326

START TIME:

1115

FINISH TIME:

1130

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	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	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.	/		
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5	Check operation of thermostat.	/		
6	If applicable, replace primary air intake filter.	/		
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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