

**CERTIFICATION OF WORK
PREVENTIVE MAINTENANCE**

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

FACID/Building: PA171 Date of Visit: 7/16/19

Contractor Personnel on Site:

- | | |
|---------------------|----------|
| 1. <u>SCOTT K</u> | 3. _____ |
| 2. <u>DOMINIC S</u> | 4. _____ |

Work Performed:

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

- | | |
|--------------------|------------------------------------|
| 1. <u>WO# 9185</u> | <u>(EXHAUST FANS)</u> |
| 2. <u>WO# 9267</u> | <u>(PUMPS)</u> |
| 3. <u>WO# 9343</u> | <u>(OVERHEAD VEHICLE EXHAUSTS)</u> |
| 4. <u>WO# 9388</u> | <u>(UNIT HEATERS)</u> |
| 5. _____ | _____ |

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: SCOTT KENDERS Date: 7/16/19

Signed: Scott Kenders

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: Karin Hoover WCO9 Date: 20190716

Signed: [Signature]

E-Mail: _____

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST **EXHAUST FANS**

SITE AND BLDG #: 7A171 MECHANIC SIGNATURE: SK DATE: 7/16/19

LOCATION/RM #: 118 WO# 9185 ASSET # 3681 START TIME: 10 20 FINISH TIME: 10 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	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	Clean unit, especially fan blades.	✓		
2	Inspect pulleys, belts, couplings, etc.; adjust tension and tighten mountings as necessary. Change badly worn belts. Multiple belts should be replaced with matched sets.	✓		
3	Perform required lubrication and remove old or excess lubricant.	✓		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	✓		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	✓		
6	Start unit and check for vibration and noise.	✓		
7	Remove all trash and debris.	✓		

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 EXHAUST FANS

SITE AND BLDG #: PA171 MECHANIC SIGNATURE: SK DATE: 7/16/19

LOCATION/RM #: 118 WO# 9185 ASSET # 3680 START TIME: 1618 FINISH TIME: 1020

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	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	Clean unit, especially fan blades.	✓		
2	Inspect pulleys, belts, couplings, etc.; adjust tension and tighten mountings as necessary. Change badly worn belts. Multiple belts should be replaced with matched sets.	✓		
3	Perform required lubrication and remove old or excess lubricant.	✓		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	✓		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	✓		
6	Start unit and check for vibration and noise.	✓		
7	Remove all trash and debris.	✓		

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 EXHAUST FANS

SITE AND BLDG #: PA171 MECHANIC SIGNATURE: SK DATE: 7/16/19

LOCATION/RM #: 118 WO# 9185 ASSET # 3679 START TIME: 10 FINISH TIME: 1010

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, as needed.	✓		
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	Clean unit, especially fan blades.	✓		
2	Inspect pulleys, belts, couplings, etc.; adjust tension and tighten mountings as necessary. Change badly worn belts. Multiple belts should be replaced with matched sets.	✓		
3	Perform required lubrication and remove old or excess lubricant.	✓		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	✓		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	✓		
6	Start unit and check for vibration and noise.	✓		
7	Remove all trash and debris.	✓		

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 EXHAUST FANS

SITE AND BLDG #: PA171 MECHANIC SIGNATURE: SK DATE: 7/16/19

LOCATION/RM #: 118 WO# 9185 ASSET # 3678 START TIME: 950 FINISH TIME: 10

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	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	Clean unit, especially fan blades.	✓		
2	Inspect pulleys, belts, couplings, etc.; adjust tension and tighten mountings as necessary. Change badly worn belts. Multiple belts should be replaced with matched sets.	✓		
3	Perform required lubrication and remove old or excess lubricant.	✓		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	✓		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	✓		
6	Start unit and check for vibration and noise.	✓		
7	Remove all trash and debris.	✓		

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 EXHAUST FANS

SITE AND BLDG #: PA171 MECHANIC SIGNATURE: SK DATE: 7/16/19

LOCATION/RM #: 113 WO# 9185 ASSET # 3676 START TIME: 940 FINISH TIME: 950

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, as needed.	✓		
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	Clean unit, especially fan blades.	✓		
2	Inspect pulleys, belts, couplings, etc.; adjust tension and tighten mountings as necessary. Change badly worn belts. Multiple belts should be replaced with matched sets.	✓		
3	Perform required lubrication and remove old or excess lubricant.	✓		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	✓		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	✓		
6	Start unit and check for vibration and noise.	✓		
7	Remove all trash and debris.	✓		

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 **EXHAUST FANS**

SITE AND BLDG #: 2A171

MECHANIC
SIGNATURE: SK

DATE: 7/16/19

LOCATION/RM #: 115 WO# 9185 ASSET # 3674

START TIME: 930

FINISH TIME: 940

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, as needed.	✓		
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	Clean unit, especially fan blades.	✓		
2	Inspect pulleys, belts, couplings, etc.; adjust tension and tighten mountings as necessary. Change badly worn belts. Multiple belts should be replaced with matched sets.	✓		
3	Perform required lubrication and remove old or excess lubricant.	✓		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	✓		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	✓		
6	Start unit and check for vibration and noise.	✓		
7	Remove all trash and debris.	✓		

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: General Maintenance Worker

Additional Notes:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST EXHAUST FANS

SITE AND BLDG #: PA171

MECHANIC
SIGNATURE: SK

DATE: 7/16/19

LOCATION/RM #: 112 WO# 9185 ASSET # 3073

START TIME: 920

FINISH TIME: 930

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, as needed.	✓		
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	Clean unit, especially fan blades.	✓		
2	Inspect pulleys, belts, couplings, etc.; adjust tension and tighten mountings as necessary. Change badly worn belts. Multiple belts should be replaced with matched sets.	✓		
3	Perform required lubrication and remove old or excess lubricant.	✓		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	✓		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	✓		
6	Start unit and check for vibration and noise.	✓		
7	Remove all trash and debris.	✓		

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 EXHAUST FANS

SITE AND BLDG #: PA171 **MECHANIC SIGNATURE:** SK **DATE:** 7/16/19

LOCATION/RM #: 111 **WO#** 9185 **ASSET #** 3608 **START TIME:** 910 **FINISH TIME:** 920

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		SPECIAL INSTRUCTIONS	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	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	Clean unit, especially fan blades.	✓			
2	Inspect pulleys, belts, couplings, etc.; adjust tension and tighten mountings as necessary. Change badly worn belts. Multiple belts should be replaced with matched sets.	✓			
3	Perform required lubrication and remove old or excess lubricant.	✓			
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	✓			
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	✓			
6	Start unit and check for vibration and noise.	✓			
7	Remove all trash and debris.	✓			

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 EXHAUST FANS

SITE AND BLDG #: PA171 MECHANIC SIGNATURE: SK DATE: 7/16/19

LOCATION/RM #: BATHROOM WO# 9185 ASSET # 3487 START TIME: 9 FINISH TIME: 9 10

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, as needed.	✓		
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	Clean unit, especially fan blades.	✓		
2	Inspect pulleys, belts, couplings, etc.; adjust tension and tighten mountings as necessary. Change badly worn belts. Multiple belts should be replaced with matched sets.	✓		
3	Perform required lubrication and remove old or excess lubricant.	✓		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	✓		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	✓		
6	Start unit and check for vibration and noise.	✓		
7	Remove all trash and debris.	✓		

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 **EXHAUST FANS**

SITE AND BLDG #: PA 171 **MECHANIC SIGNATURE:** SK **DATE:** 7-16-19

LOCATION/RM #: BATHRM **WO#** 9185 **ASSET #** 3486 **START TIME:** 845 **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	Schedule shutdown with operating personnel, as needed.	✓		
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	Clean unit, especially fan blades.	✓		
2	Inspect pulleys, belts, couplings, etc.; adjust tension and tighten mountings as necessary. Change badly worn belts. Multiple belts should be replaced with matched sets.	✓		
3	Perform required lubrication and remove old or excess lubricant.	✓		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	✓		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	✓		
6	Start unit and check for vibration and noise.	✓		
7	Remove all trash and debris.	✓		

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: