

## CERTIFICATION OF WORK PREVENTIVE MAINTENANCE

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

FACID/Building: PA079 Date of Visit: 6-6-19 6-7-19

Contractor Personnel on Site:

1. Sentry Mechanical
2. \_\_\_\_\_
3. Dale Dohrnich
4. \_\_\_\_\_

Work Performed:

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

1. Performed PM on Equipment & listed All issues
2. \_\_\_\_\_
3. 9132, 9250, 9460, 9151, 9336,
4. 9452
5. \_\_\_\_\_

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## CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Dale Dohrnich Date: 6-7-19

Signed: Dale Dohrnich

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: Matthew Dragola SSG Date: 07JUN19

Signed: Matthew Dragola

E-Mail: \_\_\_\_\_

**PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST**

**EXHAUST FANS**

**SITE AND BLDG #:** PA 079

**MECHANIC SIGNATURE:** *[Signature]*

**DATE:** 6-6-19

**LOCATION/RM #:** 122    **WO#** 9132    **ASSET #** 3682

**START TIME:** 9:30

**FINISH TIME:** 9:50

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.	Yes		
2	Schedule shutdown with operating personnel, as needed.	Yes		
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.	Yes		
<b>TO BE PERFORMED AT EACH INSPECTION SERVICE</b>				
1	Clean unit, especially fan blades.	Yes		
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.	Yes		
3	Perform required lubrication and remove old or excess lubricant.	Yes		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	Yes		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	Yes		
6	Start unit and check for vibration and noise.	Yes		<i>At 100% load, fan starts with a slight vibration.</i>
7	Remove all trash and debris.	Yes		

**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 #:** QA079

**MECHANIC SIGNATURE:** Dale Shirk **DATE:** 6.6.19

**LOCATION/RM #:** Roof **WO#** 9132 **ASSET #** 3720

**START TIME:** 10:15 **FINISH TIME:** 10:30

<b>CHECK POINT</b>	<b>CHECKPOINT DESCRIPTION</b>	<b>TASK COMPLETE</b>		<b>NOTES/ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)</b>
		<b>YES</b>	<b>NO</b>	
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.	<u>Yes</u>		
2	Schedule shutdown with operating personnel, as needed.	<u>Yes</u>		
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.	<u>Yes</u>		
<b>TO BE PERFORMED AT EACH INSPECTION SERVICE</b>				
1	Clean unit, especially fan blades.	<u>Yes</u>		
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.	<u>Yes</u>		
3	Perform required lubrication and remove old or excess lubricant.	<u>Yes</u>		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	<u>Yes</u>		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	<u>Yes</u>		
6	Start unit and check for vibration and noise.	<u>Yes</u>		
7	Remove all trash and debris.	<u>Yes</u>		

**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 #:** Roof **WO#** 9132 **ASSET #** 3773

**MECHANIC SIGNATURE:** D. J. Schuh

**DATE:** 6-6-19

**START TIME:** 10:30

**FINISH TIME:** 11:00

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ACTIONS (IF TASK COMPLETE 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.	<u>Yes</u>		
2	Schedule shutdown with operating personnel, as needed.	<u>Yes</u>		
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.	<u>Yes</u>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Clean unit, especially fan blades.	<u>Yes</u>		
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.	<u>Yes</u>		
3	Perform required lubrication and remove old or excess lubricant.	<u>Yes</u>		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	<u>Yes</u>		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	<u>Yes</u>		
6	Start unit and check for vibration and noise.	<u>Yes</u>		
7	Remove all trash and debris.	<u>Yes</u>		

**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 #:** *QA07A*

**LOCATION/RM #:** *Roof*    **WO#** *9132*    **ASSET #** *3768*

**MECHANIC SIGNATURE:** *Dh. Dohlf*

**DATE:** *6.6.19*

**START TIME:** *11:00*    **FINISH TIME:** *11:30*

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.	<i>Yes</i>		
2	Schedule shutdown with operating personnel, as needed.	<i>Yes</i>		
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.	<i>Yes</i>		
<b>TO BE PERFORMED AT EACH INSPECTION SERVICE</b>				
1	Clean unit, especially fan blades.	<i>Yes</i>		
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.	<i>Yes</i>		
3	Perform required lubrication and remove old or excess lubricant.	<i>Yes</i>		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	<i>Yes</i>		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	<i>Yes</i>		
6	Start unit and check for vibration and noise.	<i>Yes</i>		
7	Remove all trash and debris.	<i>Yes</i>		

**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 #:

*Roof**PHOT*MECHANIC  
SIGNATURE: *Off Shift*DATE: *6-6-19*

LOCATION/RM #:

*Roof*WO# *9132*ASSET # *3764*START TIME: *11:30*FINISH TIME: *11:50*

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.	<i>Yes</i>		
2	Schedule shutdown with operating personnel, as needed.	<i>Yes</i>		
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.	<i>Yes</i>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Clean unit, especially fan blades.	<i>Yes</i>		
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.	<i>Yes</i>		
3	Perform required lubrication and remove old or excess lubricant.	<i>Yes</i>		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	<i>Yes</i>		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	<i>Yes</i>		
6	Start unit and check for vibration and noise.	<i>No</i>		<i>Bad Motor</i>
7	Remove all trash and debris.	<i>Yes</i>		

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:**

Dayton

21M642

1/4 HP

1075 RPM

115 v

**PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST**  
**EXHAUST FANS**

SITE AND BLDG #:

DA079

MECHANIC  
SIGNATURE: *John Shultz*

DATE: 6-6-19

LOCATION/RM #:

Roof Upper  
WO# 9132 ASSET # 3811

START TIME: 11:50

FINISH TIME: 12:30

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.	Yes		
2	Schedule shutdown with operating personnel, as needed.	Yes		
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.	Yes		
<b>TO BE PERFORMED AT EACH INSPECTION SERVICE</b>				
1	Clean unit, especially fan blades.	Yes		
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.	Yes		
3	Perform required lubrication and remove old or excess lubricant.	Yes		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	Yes		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	Yes		
6	Start unit and check for vibration and noise.	ACD		Can't Run Unit Control Down Because Bad Relay
7	Remove all trash and debris.	Yes		

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.

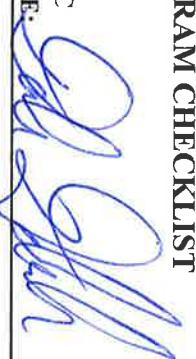
To be performed by: General Maintenance Worker

Additional Notes:

*Already Being Repaired*

**PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST**  
**EXHAUST FANS**

SITE AND BLDG #:

**PAC079**LOCATION/RM #: **Top Roof** WO# **9132** ASSET # **3700**MECHANIC  
SIGNATURE: 

DATE:

START TIME: **1:00**FINISH TIME: **1:30**

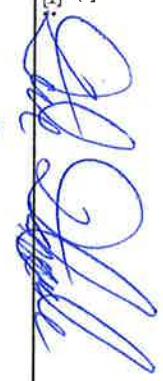
CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
1	In addition to the procedure(s) outlined in this standard, the equipment manufacturer's recommended maintenance procedure(s) and/or instruction(s) shall be strictly adhered to.	YES		
2	Schedule shutdown with operating personnel, as needed.	YES		
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.	YES		
<b>TO BE PERFORMED AT EACH INSPECTION SERVICE</b>				
1	Clean unit, especially fan blades.	YES		
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.	YES		
3	Perform required lubrication and remove old or excess lubricant.	YES		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	YES		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	YES		
6	Start unit and check for vibration and noise.	NO	Only setting 80 Volts to unit	
7	Remove all trash and debris.	YES		

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**

SIGNATURE: SITE AND BLDG #: RA079LOCATION/RM #: RA079 <sup>Inline</sup> WO# 9132ASSET # 3787START TIME: 1:30FINISH TIME: 2:15MECHANIC John Dugdale DATE: 6/6-19

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.	YES		
2	Schedule shutdown with operating personnel, as needed.	YES		
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.	YES		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Clean unit, especially fan blades.	YES		
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.	YES		
3	Perform required lubrication and remove old or excess lubricant.	YES		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	YES		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	YES		
6	Start unit and check for vibration and noise.	YES		
7	Remove all trash and debris.	YES		

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 #:** RAC079

**MECHANIC SIGNATURE:** John Smith

**DATE:** 6-6-19

**LOCATION/RM #:** 200   **WO#** 9132   **ASSET #** 3646

**START TIME:** 2:15

**FINISH TIME:** 3:00

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.	Yes		
2	Schedule shutdown with operating personnel, as needed.	Yes		
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.	Yes		
<b>TO BE PERFORMED AT EACH INSPECTION SERVICE</b>				
1	Clean unit, especially fan blades.	Yes		
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.	Yes		
3	Perform required lubrication and remove old or excess lubricant.	Yes		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	Yes		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	Yes		
6	Start unit and check for vibration and noise.	No		<u>Bad Motor Starter Allen Bradley</u>
7	Remove all trash and debris.	Yes		

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 #: PA079MECHANIC SIGNATURE: John O'NeilDATE: 6-6-19LOCATION/RM #: 200 WO# 9132 ASSET # 3575START TIME: 3:00FINISH TIME: 3:30

CHECK POINT	CHECK POINT 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.	YES		
2	Schedule shutdown with operating personnel, as needed.	YES		
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.	YES		
<b>TO BE PERFORMED AT EACH INSPECTION SERVICE</b>				
1	Clean unit, especially fan blades.	YES		
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.	YES		
3	Perform required lubrication and remove old or excess lubricant.	YES		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	YES		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	YES		
6	Start unit and check for vibration and noise.	YES		
7	Remove all trash and debris.	YES		

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 #:** *PAOTQ*

**LOCATION/RM #:** *ROOF upper*  
**WO#** *9132* **ASSET #** *20823*

**MECHANIC SIGNATURE:** *John D. Shanks* **DATE:** *6-6-19*

**START TIME:** *12:30*

**FINISH TIME:** *1:00*

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.	<i>Yes</i>		
2	Schedule shutdown with operating personnel, as needed.	<i>Yes</i>		
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.	<i>Yes</i>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Clean unit, especially fan blades.	<i>Yes</i>		
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.	<i>Yes</i>		
3	Perform required lubrication and remove old or excess lubricant.	<i>Yes</i>		
4	Clean motor with vacuum or low pressure dry air (less than 40 psig). Check for obstructions in motor cooling and air flow.	<i>Yes</i>		
5	Check structural members, vibration eliminators, and flexible connections. Check fan housing to ensure there is no damage and the housing is tight.	<i>Yes</i>		
6	Start unit and check for vibration and noise.	<i>Yes</i>		
7	Remove all trash and debris.	<i>Yes</i>		

**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:**