

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

FACID/Building: WV043

Date of Visit: 7/23/19

Contractor Personnel on Site:

- | | |
|--------------------------|----------|
| 1. <u>Tony Geertgens</u> | 4. _____ |
| 2. <u>Jim Geertgens</u> | 5. _____ |
| 3. _____ | 6. _____ |

Work Performed:

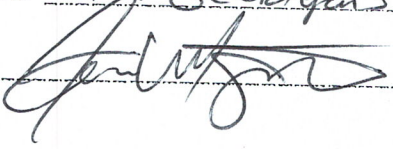
Preventive Maintenance - Services Completed (Annual, Quarterly, Monthly, equipment identification, etc.)

- | | |
|----------------|-------|
| 1. <u>9864</u> | _____ |
| 2. <u>9982</u> | _____ |
| 3. _____ | _____ |
| 4. _____ | _____ |

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Jim Geertgens Date: 7-23-19

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: Trevor MacDonald SGT Date: 20190723

Signed: 

E-Mail:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST **CIRCULATING AND BOOSTER PUMPS**

SITE AND BLDG #:

WV 043-01

MECHANIC
SIGNATURE:

DATE:

7/23/19

LOCATION/RM #:

Boiler Room

WO#

9864

SET #

7090

START TIME:

9:45

FINISH TIME:

4:50

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.		-	
3	It is generally not a good idea to tamper with pumps using mechanical seals if they are otherwise performing properly. Since mechanical seals can cost as much as the pump, it is usually not cost effective to risk damaging the seal by performing an annual internal inspection of the pump.		-	
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	-		Sealed
2	Inspect couplings and check for any pump seal leaks.	-		
3	Check motor mounts and vibration pads	-		
4	Tighten all pump flanges.	-		
5	Visually check pump alignment and coupling	-		
5	Inspect electrical connections	-		

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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: WV 043 - 01

MECHANIC

SIGNATURE: [Signature]DATE: 7/23/19LOCATION/RM #: Baker WO# 9864 ASSET # 7106START TIME: 955FINISH TIME: 1000

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.		/	
3	It is generally not a good idea to tamper with pumps using mechanical seals if they are otherwise performing properly. Since mechanical seals can cost as much as the pump, it is usually not cost effective to risk damaging the seal by performing an annual internal inspection of the pump.		/	
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	/		sealed
2	Inspect couplings and check for any pump seal leaks.	/		
3	Check motor mounts and vibration pads	/		
4	Tighten all pump flanges.	/		
5	Visually check pump alignment and coupling	/		
5	Inspect electrical connections	/		

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 perfomed by: General Maintenance Worker

Additional Notes:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST **CIRCULATING AND BOOSTER PUMPS**

SITE AND BLDG #: WV 043-01MECHANIC
SIGNATURE: DATE: 7/23/19LOCATION/RM #: Boiler Room WO# 9864 ASSET # 7107START TIME: 1005 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	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.		—	
3	It is generally not a good idea to tamper with pumps using mechanical seals if they are otherwise performing properly. Since mechanical seals can cost as much as the pump, it is usually not cost effective to risk damaging the seal by performing an annual internal inspection of the pump.		—	
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	—		<u>Sealed</u>
2	Inspect couplings and check for any pump seal leaks.	—		
3	Check motor mounts and vibration pads	—		
4	Tighten all pump flanges.	—		
5	Visually check pump alignment and coupling	—		
6	Inspect electrical connections	—		

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.

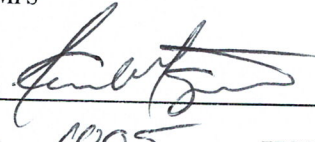
To be performed by: General Maintenance Worker

Additional Notes:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #:

WV 043 -01

MECHANIC
SIGNATURE:


DATE:

7/23/19

LOCATION/RM #:

Boiler
Room

WO#

9864

ASSET #

7108

START TIME:

0005

FINISH TIME:

0010

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.		—	
3	It is generally not a good idea to tamper with pumps using mechanical seals if they are otherwise performing properly. Since mechanical seals can cost as much as the pump, it is usually not cost effective to risk damaging the seal by performing an annual internal inspection of the pump.		—	
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	—		Sealed
2	Inspect couplings and check for any pump seal leaks.	—		
3	Check motor mounts and vibration pads	—		
4	Tighten all pump flanges.	—		
5	Visually check pump alignment and coupling	—		
5	Inspect electrical connections	—		

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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST **CIRCULATING AND BOOSTER PUMPS**

SITE AND BLDG #:

WV 043 '01

MECHANIC

SIGNATURE: 

DATE:

7/23/19

LOCATION/RM #:

Bolt
Room

WO#

9864

ASSET #

7109

START TIME:

1010

FINISH TIME:

1015

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.	—	—	
3	It is generally not a good idea to tamper with pumps using mechanical seals if they are otherwise performing properly. Since mechanical seals can cost as much as the pump, it is usually not cost effective to risk damaging the seal by performing an annual internal inspection of the pump.	—	—	
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	—	—	Scaled
2	Inspect couplings and check for any pump seal leaks.	—	—	
3	Check motor mounts and vibration pads	—	—	
4	Tighten all pump flanges.	—	—	
5	Visually check pump alignment and coupling	—	—	
6	Inspect electrical connections	—	—	

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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #:

WV 043-01

MECHANIC
SIGNATURE:

DATE:

7/23/19

LOCATION/RM #:

Boiler
Room

WO# 9864

ASSET # 7110

START TIME:

1015

FINISH TIME:

1020

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.		—	
3	It is generally not a good idea to tamper with pumps using mechanical seals if they are otherwise performing properly. Since mechanical seals can cost as much as the pump, it is usually not cost effective to risk damaging the seal by performing an annual internal inspection of the pump.		—	
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	—		Sealed
2	Inspect couplings and check for any pump seal leaks.	—		
3	Check motor mounts and vibration pads	—		
4	Tighten all pump flanges.	—		
5	Visually check pump alignment and coupling	—		
5	Inspect electrical connections	—		

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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST **CIRCULATING AND BOOSTER PUMPS**

SITE AND BLDG #:

WV 003-01

MECHANIC

SIGNATURE:

DATE:

2/23/19

LOCATION/RM #:

Bolan
Ren

WO#

9864

ASSET #

7117

START TIME:

1020

FINISH TIME:

1025

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.		✓	
3	It is generally not a good idea to tamper with pumps using mechanical seals if they are otherwise performing properly. Since mechanical seals can cost as much as the pump, it is usually not cost effective to risk damaging the seal by performing an annual internal inspection of the pump.		✓	
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	✓		Scaled
2	Inspect couplings and check for any pump seal leaks.	✓		
3	Check motor mounts and vibration pads	✓		
4	Tighten all pump flanges.	✓		
5	Visually check pump alignment and coupling	✓		
6	Inspect electrical connections	✓		

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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST **CIRCULATING AND BOOSTER PUMPS**

SITE AND BLDG #: WV 093 01
 LOCATION/RM #: Boiler WO# 984 ASSET # 7118

MECHANIC SIGNATURE: [Signature] DATE: 7/23/13
 START TIME: 1025 FINISH TIME: 1030

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.		✓	
3	It is generally not a good idea to tamper with pumps using mechanical seals if they are otherwise performing properly. Since mechanical seals can cost as much as the pump, it is usually not cost effective to risk damaging the seal by performing an annual internal inspection of the pump.		✓	
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	✓		Sealed
2	Inspect couplings and check for any pump seal leaks.	✓		
3	Check motor mounts and vibration pads	✓		
4	Tighten all pump flanges.	✓		
5	Visually check pump alignment and coupling	✓		
5	Inspect electrical connections	✓		

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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST GATES, FENCES, SECURITY AND ACCESS

SITE AND BLDG #: WV 043 101

LOCATION/RM #: MEP WO# 9864

ASSET # 7550

MECHANIC
SIGNATURE: *[Signature]*

DATE: 7/23/15

START TIME: 1030

FINISH TIME: 1040

CHECK POINT	DESCRIPTION	MAINTENANCE REQUIRED		SPECIAL INSTRUCTIONS	NOTES/REMARKS
		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.				
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					
GATES					
3	Inspect all pivot points, hinges, latches, etc. Apply lubricant where needed, wiping off excess.				
4	Check all locking devices. Lubricate as required.				
5	Inspect center gate support rollers and lubricate as required.				
6	Clean roller track of any debris.				
7	Check bolts, fasteners, and mounting hardware. Tighten or adjust as necessary.				
8	Check for any obstructions that retard full swing or movement of the gate.				
9	Check that shrubs and trees are pruned clear of gate.				
10	Check hold open devices for proper operation. Lubricate as required.				
FENCES					
1	Check posts and corner posts, support guys, and horizontal bars between each support post.				
2	Check wire and anchor point; re-stretch and re-anchor if necessary.				
3	Inspect fence anchors along the bottom of the fence and at the point where the fence is connected to the post.				
4	Treat with galvanized protectant where rust has developed.				
5	If approved, apply weed control along entire base of fence. Consult the Safety Data Sheets (SDS) for hazardous ingredients and proper personal protective equipment (PPE).				
6	Check that shrubs and trees are pruned clear of fencing.				

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.

Additional Notes:

1 R Poole
West Driveway