

CERTIFICATION OF WORK
PREVENTIVE MAINTENANCE

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

FACID/Building: Pa 166-01 Date of Visit: 3-18, 3-19, 20

Contractor Personnel on Site:

1. Dominic Stango
2. Scott Reader
3. Liam Yocum
4. _____

Work Performed:

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

1. 7686, 8004
2. _____
3. _____
4. _____
5. _____

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Dominic Stango Date: 3-20-19

Signed: Dominic Stango

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: Timothy S Peters Date: 20 MARCH 2019

Signed: Timothy S Peters

E-Mail: _____

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: BK 66

LOCATION/RM #: mech WO# 7686 ASSET # 4921

MECHANIC SIGNATURE: [Signature]

START TIME: 9:10

DATE: 3-18-19

FINISH TIME: 9:20

ITEM NO.	DESCRIPTION	STATUS	REMARKS
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.	✓	
4	Lubricate pump and motor bearings as per manufacturer's specifications.	✓	
5	Bearings require lubrication atleast annually.	✓	
6	Inspect couplings and check for any pump seal leaks.	✓	
7	Check motor mounts and vibration pads.	✓	
8	Tighten all pump flanges.	✓	
9	Visually check pump alignment and coupling.	✓	
10	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 description of the deficiency.

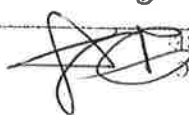
To be performed by: General Maintenance Worker

BK

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: **Ph 66**

LOCATION/RM #: **MECH** WO# **7686** ASSET# **4920**

MECHANIC SIGNATURE: 

DATE: **3-18-19** START TIME: **9** FINISH TIME: **9:10**

ITEM	COMPLETION STATUS		REMARKS
	TESTS COMPLETED	NOT	
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. 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.
3	☒	☐	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication at least annually. Inspect couplings and check for any pump seal leaks. Check motor mounts and vibration pads. Tighten all pump flanges. Visually check pump alignment and coupling. Inspect electrical connections.
4	☒	☐	
5	☒	☐	
6	☒	☐	

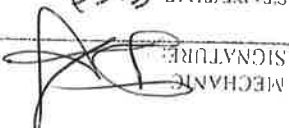
bearing assembly is seized

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

Bearing Assembly Seized

OK

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST CIRCULATING AND BOOSTER PUMPS

MECHANIC SIGNATURE: 
DATE: 3-18-19
START TIME: 8:50
FINISH TIME: 9

SITE AND BLDG # ~~100~~ 100
LOCATION/RM # Mech
WO# 7686 ASSET # 4890

ITEMS TO BE PERFORMED	YES	NO	REMARKS
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. 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.	☒		
3. Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication at least annually.	☒		
4. Inspect couplings and check for any pump seal leaks.	☒		
5. Check motor mounts and vibration pads.	☒		
6. Tighten all pump flanges.	☒		
7. Visually check pump alignment and coupling.	☒		
8. 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 description of the deficiency. To be performed by: General Maintenance Worker

Additional Notes:

BK

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: B166

LOCATION/ROOM # Boiler WO# 7636 ASSET # 4916

MECHANIC SIGNATURE

[Signature]

START TIME: 8:30

FINISH TIME: 8:40

DATE: 3-18-17

ITEM	DESCRIPTION	STATUS	REMARKS
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. 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.	✓	
3	Lubricate pump and motor bearings as per manufacturer's specifications. Inspect couplings and check for any pump seal leaks.	✓	
4	Check motor mounts and vibration pads.	✓	
5	Tighten all pump flanges.	✓	
6	Visually check pump alignment and coupling.	✓	
7	Inspect electrical connections.	✓	
pump seal is leaking			

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

Pump seal is leaking

[Signature]

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #:

Pa 166

MECHANIC
SIGNATURE:


DATE: 3-18-19

LOCATION/RM #:

boiler

WO#

7686

ASSET #

4412

START TIME: 6:40

FINISH TIME: 8:50

ITEMS NOTES	CHECK/TEST DISCUSSION	TESTS COMPLETED		REMARKS/REVISIONS
		WBS	NOT	
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.	✓		
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:

RK

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: Pa166

MECHANIC

SIGNATURE: Scott Kenderis

DATE: 3-18-19

LOCATION/RM #: boiler WO# 7686 ASSET # 4911

START TIME: 8:50

FINISH TIME: 9

CHECKS NUMBER	CIRCULATING AND BOOSTER PUMPS	YES/NO		COMMENTS
		YES	NO	
SECTION 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 INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	✓		
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:

BK

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #:

Pa166

MECHANIC

SIGNATURE



DATE: 3-18-19

LOCATION/ROOM #:

Boiler

WO# 7686

ASSET # 4909

START TIME: 8:30

FINISH TIME: 8:40

CHECKS NUMBER	CHECK DESCRIPTION	COMPLETION DATE		NOTES/REMARKS
		DATE	TIME	
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.	✓		
TODAY PERFORMED AT / BY INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	✓		
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 description of the deficiency.

To be performed by: General Maintenance Worker

Additional Notes:

PK