

**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. _____

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
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: RA079

LOCATION/RM #: 126 **WO#** 9250 **ASSET #** 4839

MECHANIC SIGNATURE: John G. Miller

DATE: 6-6-19

START TIME: 8:06

FINISH TIME: 8:16

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.	<u>Yes</u>		
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.	<u>Yes</u>		
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.	<u>Yes</u>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	<u>Yes</u>		<u>①</u>
2	Inspect couplings and check for any pump seal leaks.	<u>Yes</u>		<u>None</u>
3	Check motor mounts and vibration pads	<u>Yes</u>		<u>None</u>
4	Tighten all pump flanges.	<u>Yes</u>		
5	Visually check pump alignment and coupling	<u>Yes</u>		
6	Inspect electrical connections	<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 discription of the deficiency.

To be performed by: General Maintenance Worker

Additional Notes:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: PAO79

LOCATION/RM #: 126 **WO#** 9250 **ASSET #** 4906

MECHANIC SIGNATURE: 

DATE: 6-6-19

START TIME: 8:16 **FINISH TIME:** 8:22

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/EXPLANATION (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	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		
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.	Yes		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	Yes		
2	Inspect couplings and check for any pump seal leaks.	Yes		None
3	Check motor mounts and vibration pads	Yes		None
4	Tighten all pump flanges.	Yes		
5	Visually check pump alignment and coupling	Yes		
6	Inspect electrical connections	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
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: PAO 79

MECHANIC SIGNATURE: D. J. Miller

DATE: 6-6-19

LOCATION/RM #: 126 **WO#** 9250 **ASSET #** 4910

START TIME: 8:22

FINISH TIME: 8:30

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.	<u>Yes</u>		
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.	<u>Yes</u>		
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.	<u>Yes</u>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	<u>Yes</u>		<u>No oil per Manufacturer</u>
2	Inspect couplings and check for any pump seal leaks.	<u>Yes</u>		<u>None</u>
3	Check motor mounts and vibration pads	<u>Yes</u>		<u>None</u>
4	Tighten all pump flanges.	<u>Yes</u>		<u>None</u>
5	Visually check pump alignment and coupling	<u>Yes</u>		
6	Inspect electrical connections	<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
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: *RAO79*

LOCATION/RM #: *12C* **WO#** *9250* **ASSET #** *4913*

MECHANIC SIGNATURE: *J. D. M.*

DATE: *6-6-19*

START TIME: *8:30*

FINISH TIME: *8:36*

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	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>		
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.	<i>Yes</i>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	<i>Yes</i>		<i>No Oil per Manufacturer</i>
2	Inspect couplings and check for any pump seal leaks.	<i>Yes</i>		<i>None</i>
3	Check motor mounts and vibration pads	<i>Yes</i>		<i>None</i>
4	Tighten all pump flanges.	<i>Yes</i>		
5	Visually check pump alignment and coupling	<i>Yes</i>		
6	Inspect electrical connections	<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
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: PA079

MECHANIC
SIGNATURE: J. Holl

DATE: 6-6-19

LOCATION/RM #: 126 WO# 9250 ASSET # 4915

START TIME: 8:36

FINISH TIME: 8:46

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ACTIONS (IF TASK COMPLETE, 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.	<u>Yes</u>		
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.	<u>Yes</u>		
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.	<u>Yes</u>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	<u>Yes</u>		
2	Inspect couplings and check for any pump seal leaks.	<u>Yes</u>		<u>None</u>
3	Check motor mounts and vibration pads	<u>Yes</u>		<u>None</u>
4	Tighten all pump flanges.	<u>Yes</u>		
5	Visually check pump alignment and coupling	<u>Yes</u>		
6	Inspect electrical connections	<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
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: PAC079

MECHANIC SIGNATURE: John Schmit **DATE:** 6-19

LOCATION/RM #: 126 **WO#** 9250 **ASSET #** 4917

START TIME: 8:46 **FINISH TIME:** 8:55

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.	<u>Yes</u>		
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.	<u>Yes</u>		
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.	<u>Yes</u>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	<u>Yes</u>		
2	Inspect couplings and check for any pump seal leaks.	<u>Yes</u>		
3	Check motor mounts and vibration pads	<u>Yes</u>	<u>None</u>	<u>None</u>
4	Tighten all pump flanges.	<u>Yes</u>		
5	Visually check pump alignment and coupling	<u>Yes</u>		
6	Inspect electrical connections	<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
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: *9AC079*

MECHANIC SIGNATURE: *Jth S*

DATE: *6-6-19*

LOCATION/RM #: *126* **WO#** *9250* **ASSET #** *4916*

START TIME: *8:55*

FINISH TIME: *9:03*

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	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.	<i>Yes</i>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	<i>Yes</i>		
2	Inspect couplings and check for any pump seal leaks.	<i>Yes</i>		
3	Check motor mounts and vibration pads	<i>Yes</i>	<i>None</i>	
4	Tighten all pump flanges.	<i>Yes</i>		
5	Visually check pump alignment and coupling	<i>Yes</i>		
6	Inspect electrical connections	<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
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: **PAO79**

MECHANIC
SIGNATURE: *[Signature]*

DATE: **6.6.19**

LOCATION/RM #: **126** WO# **9250** ASSET # **5000 (2 pumps)**

START TIME: **9:03**

FINISH TIME: **9:11**

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	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>		
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.	<i>Yes</i>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	<i>Yes</i>		
2	Inspect couplings and check for any pump seal leaks.	<i>Yes</i>	<i>None</i>	
3	Check motor mounts and vibration pads	<i>Yes</i>	<i>None</i>	
4	Tighten all pump flanges.	<i>Yes</i>		
5	Visually check pump alignment and coupling	<i>Yes</i>		
6	Inspect electrical connections	<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 discription of the deficiency.

To be performed by: General Maintenance Worker

Additional Notes:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: PA070

MECHANIC SIGNATURE: J. D. **DATE:** 6.6.19

LOCATION/RM #: 126 **WO#** 9250 **ASSET #** 5000 (2 PUMPS)

START TIME: 9:03 **FINISH TIME:** 9:11

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ACTIONS
		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	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>		
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.	<i>Yes</i>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	<i>Yes</i>		
2	Inspect couplings and check for any pump seal leaks.	<i>Yes</i>		
3	Check motor mounts and vibration pads	<i>Yes</i>		<i>No</i>
4	Tighten all pump flanges.	<i>Yes</i>		<i>No</i>
5	Visually check pump alignment and coupling	<i>Yes</i>		
6	Inspect electrical connections	<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
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: PAC079

MECHANIC Lil S **SIGNATURE:** Lil S **DATE:** 6/6/19

LOCATION/RM #: 126 **WO#** 9250 **ASSET #** 41863

START TIME: 9:11 **FINISH TIME:** 9:30

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	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 description of the deficiency.

To be performed by: General Maintenance Worker

Additional Notes: