

**CERTIFICATION OF WORK  
PREVENTIVE MAINTENANCE**

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

FACID/Building: P0053-01 Date of Visit: 3-14-19, 3-15-19

Contractor Personnel on Site:

- |                          |          |
|--------------------------|----------|
| 1. <u>Dominic Stango</u> | 3. _____ |
| 2. _____                 | 4. _____ |

**Work Performed:**

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

- |                          |       |
|--------------------------|-------|
| 1. <u>WO# 7676, 7869</u> | _____ |
| 2. _____                 | _____ |
| 3. _____                 | _____ |
| 4. _____                 | _____ |
| 5. _____                 | _____ |

**CERTIFICATION OF WORK**

To be signed by the Contractor:

Print Name:

Date: 3-27-19

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 by the contractor, it only acknowledges that the contractor was on-site the timeline:

Print

3

Signed:

E-Mail:



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

SITE AND BLDG #: PA053-01MECHANIC SIGNATURE: DATE: 3/14/19LOCATION/RM #: MECH WO# 7676 ASSET # 5008START TIME: 8:10FINISH TIME: 8:20

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>X</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>X</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>X</u>		
<b>TO BE PERFORMED AT EACH INSPECTION SERVICE</b>				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	<u>X</u>		
2	Inspect couplings and check for any pump seal leaks.	<u>X</u>		
3	Check motor mounts and vibration pads	<u>X</u>		
4	Tighten all pump flanges.	<u>X</u>		
5	Visually check pump alignment and coupling	<u>X</u>		
6	Inspect electrical connections	<u>X</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 #: PA053-01MECHANIC  
SIGNATURE: DATE: 3/14/19LOCATION/RM #: MECH WO# 7676ASSET # 4880START TIME: 8FINISH TIME: 8:10

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.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
<b>TO BE PERFORMED AT EACH INSPECTION SERVICE</b>				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	<input checked="" type="checkbox"/>		
2	Inspect couplings and check for any pump seal leaks.	<input checked="" type="checkbox"/>		
3	Check motor mounts and vibration pads	<input checked="" type="checkbox"/>		
4	Tighten all pump flanges.	<input checked="" type="checkbox"/>		
5	Visually check pump alignment and coupling	<input checked="" type="checkbox"/>		
6	Inspect electrical connections	<input checked="" type="checkbox"/>		

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 #: PA053-01MECHANIC  
SIGNATURE: DATE: 3/14/19LOCATION/RM #: MECH WO# 7676 ASSET # 4881START TIME: 8:10FINISH TIME: 8:20

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.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
<b>TO BE PERFORMED AT EACH INSPECTION SERVICE</b>				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	<input checked="" type="checkbox"/>		
2	Inspect couplings and check for any pump seal leaks.	<input checked="" type="checkbox"/>		
3	Check motor mounts and vibration pads	<input checked="" type="checkbox"/>		
4	Tighten all pump flanges.	<input checked="" type="checkbox"/>		
5	Visually check pump alignment and coupling	<input checked="" type="checkbox"/>		
6	Inspect electrical connections	<input checked="" type="checkbox"/>		

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 #: PA053-01MECHANIC SIGNATURE: DATE: 3/14/19LOCATION/RM #: MECH WO# 7676 ASSET # 4879START TIME: 8:30FINISH TIME: 8:40

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.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually.	<input checked="" type="checkbox"/>		
2	Inspect couplings and check for any pump seal leaks.	<input checked="" type="checkbox"/>		
3	Check motor mounts and vibration pads	<input checked="" type="checkbox"/>		
4	Tighten all pump flanges.	<input checked="" type="checkbox"/>		
5	Visually check pump alignment and coupling	<input checked="" type="checkbox"/>		
6	Inspect electrical connections	<input checked="" type="checkbox"/>		

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: