

**CERTIFICATION OF WORK
PREVENTIVE MAINTENANCE**

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

FACID/Building: Pa052-01 Date of Visit: 3-27-19

Contractor Personnel on Site:

1. Dominic Stango 3. _____
2. Scott Renders 4. _____

Work Performed:

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

1. WO# 7003, 7703, 8025
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 N

Date 3

Signed:

E-Mail:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: PA052 - 01

MECHANIC SIGNATURE: Scott Kerkus **DATE:** 3/27/19

LOCATION/RM #: MECH **WO#** 7703 **ASSET #** 4935

START TIME: 930 **FINISH TIME:** 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. | X | | |
| 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. | X | | |
| 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. | X | | |
| TO BE PERFORMED AT EACH INSPECTION SERVICE | | | | |
| 1 | Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually. | X | | |
| 2 | Inspect couplings and check for any pump seal leaks. | X | | |
| 3 | Check motor mounts and vibration pads | X | | |
| 4 | Tighten all pump flanges. | X | | |
| 5 | Visually check pump alignment and coupling | X | | |
| 6 | Inspect electrical connections | X | | |

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 #: PA052-01

**MECHANIC
SIGNATURE:** *Mark Kerec*

DATE: 3/27/19

LOCATION/RM #: MECH WO# 7703 ASSET # 4934

START TIME: 9

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

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 #: PA052-01

**MECHANIC
SIGNATURE:**

Scott Ventresca **DATE:** 3/27/19

LOCATION/RM #: MECH **WO#** 7703 **ASSET #** 4731

START TIME: 830

FINISH TIME: 9

| CHECK POINT | CHECKPOINT DESCRIPTION | TASK COMPLETED | | 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. | X | | |
| 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. | X | | |
| 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. | X | | |
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| 1 | Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually. | X | | |
| 2 | Inspect couplings and check for any pump seal leaks. | X | | |
| 3 | Check motor mounts and vibration pads | X | | |
| 4 | Tighten all pump flanges. | X | | |
| 5 | Visually check pump alignment and coupling | X | | |
| 6 | Inspect electrical connections | X | | |

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To be performed by: General Maintenance Worker

Additional Notes:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: MECH **WO#** 7703 **ASSET #** 4928

MECHANIC SIGNATURE: Scott Kervens **DATE:** 3/27/19

START TIME: 8 **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. | X | | |
| 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. | X | | |
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| 1 | Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually. | X | | |
| 2 | Inspect couplings and check for any pump seal leaks. | X | | |
| 3 | Check motor mounts and vibration pads | X | | |
| 4 | Tighten all pump flanges. | X | | |
| 5 | Visually check pump alignment and coupling | X | | |
| 6 | Inspect electrical connections | X | | |

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 #: PR052-01

MECHANIC SIGNATURE: Scott Kervella **DATE:** 3/27/19

LOCATION/RM #: MECH **WO#** 703 **ASSET #** 5007

START TIME: 10 **FINISH TIME:** 10 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. | X | | |
| 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. | X | | |
| 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. | X | | |
| TO BE PERFORMED AT EACH INSPECTION SERVICE | | | | |
| 1 | Lubricate pump and motor bearings as per manufacturer's specifications. Bearings require lubrication atleast annually. | X | | |
| 2 | Inspect couplings and check for any pump seal leaks. | X | | |
| 3 | Check motor mounts and vibration pads | X | | |
| 4 | Tighten all pump flanges. | X | | |
| 5 | Visually check pump alignment and coupling | X | | |
| 6 | Inspect electrical connections | X | | |

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: