

CERTIFICATION OF WORK

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

FACID/Building: PA087 - 01102

Date of Visit: 12/10/18

Contractor Personnel on Site:

- | | |
|-------------------------|--------------------------|
| 1. <u>Tony Larsen</u> | 4. <u>Frank Sapienza</u> |
| 2. <u>Jim Geertgens</u> | 5. _____ |
| 3. <u>Scott Werry</u> | 6. _____ |

Work Performed:

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

- | | |
|----------------|-------------|
| 1. <u>6528</u> | <u>6719</u> |
| 2. <u>6575</u> | _____ |
| 3. <u>6686</u> | _____ |
| 4. <u>6603</u> | _____ |

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Jim Geertgens Date: 12-10-18

Signed: [Signature]

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: WOLFF, James T. C59 Date: 10 DEC 18

Signed: [Signature]

E-Mail: james.twolff@usmail

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

FACID/Building: PA087-01 Date of Visit: 12/10/18

Contractor Personnel on Site:

- | | |
|-------------------------|-------------------------|
| 1. <u>Tony Lazzaro</u> | 4. <u>Mark Sapienza</u> |
| 2. <u>Jim Geertgens</u> | 5. _____ |
| 3. <u>Scott Werry</u> | 6. _____ |

Work Performed:

Other Recurring Services

- | | |
|----------------|-------|
| 1. <u>6483</u> | _____ |
| 2. _____ | _____ |
| 3. _____ | _____ |
| 4. _____ | _____ |

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Jim Geertgens Date: 12-10-18
Signed: [Signature]

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: WOLFF, JAMES T. 659 Date: 10 DEC 18

Signed: [Signature]

E-Mail: james.t.wolff.cwc@mail.mil

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #:

P# 082-01

MECHANIC

SIGNATURE:

Guth 1/1/18

DATE:

12/10/18

LOCATION/RM #:

Baker

WO#

6828

ASSET #

4872

START TIME:

10:30 AM

FINISH TIME:

11:00 AM

| CHECK POINTS | CHECKPOINT DESCRIPTION | TASKS COMPLETED | | NOTES/REMARKS |
|---|---|-----------------|----|-----------------|
| | | 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 bearings |
| 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 #:

PA 087-01

MECHANIC

SIGNATURE: *Frank A. Lu*

DATE: 12/10/15

LOCATION/RM #:

Balen

WO# 6528

ASSET #

4873

START TIME: 11:00AM

FINISH TIME: 11:30AM

| CHECK NUMBER | CHECKPOINT DESCRIPTION | TESTS COMPLETED | | SPECIAL INSTRUCTIONS |
|--|---|-----------------|----|----------------------|
| | | 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 at least annually. | ✓ | | sealed Bearings |
| 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:

P-1

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: PA 087-01

MECHANIC

SIGNATURE: 

DATE: 12/10/18

LOCATION/RM #: Balen WO# 6528 ASSET # 4955

START TIME:

FINISH TIME:

| CHECKS POINT | CHECK POINT DESCRIPTION | BASIS COMPLETION | | NOTES/ACTIONS |
|---|---|------------------|----|---------------|
| | | 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. | | | |
| 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:

P - 2A Con 60

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: Pa 087 101MECHANIC
SIGNATURE: [Signature]DATE: 12/16/10LOCATION/RM #: Boiler Room WO# 6528 ASSET # 4956

START TIME: _____

FINISH TIME: _____

| OBJECT NUMBER | DESCRIPTION/INSTRUCTIONS | STATUS YES NO | NOTES/ACTIONS (If not completed, provide explanation) |
|---|---|------------------|--|
| 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 description of the deficiency.

To be performed by: General Maintenance Worker

Additional Notes:

P-2B Can ED