

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

FACID/Building: P-042

Date of Visit: 12/11/18

Contractor Personnel on Site:

1. T. Geertgens
2. J. Geertgens
3. S. Welby

4. K. Sipezz
5. \_\_\_\_\_
6. \_\_\_\_\_

Work Performed:

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

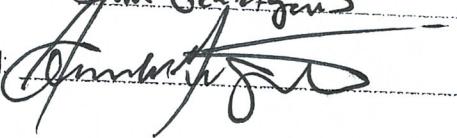
1. 6549
2. 6684
3. 6606
4. 6721

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Jim Geertgens

Date: 12-11-18

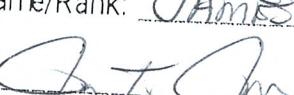
Signed: 

To be signed by Facility Manager:

By signing the Certification of Work, the said government representative signature does not constitute acceptance of any work performed by the contractor, it only acknowledges that the contractor was on-site during the identified timeline:

Print Name/Rank: JAMES T JOSEPH

Date: 11/05/2018

Signed: 

E-Mail: james.t.joseph3.mil@rafael.mil

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

FacID/Building: P-092-01 Date of Visit: 12/11/18

Contractor Personnel on Site:

1. <u>Tony Lemos</u>	4. <u>Genie Spreen</u>
2. <u>Jim Geertgens</u>	5. _____
3. <u>Scott Wenz</u>	6. _____

Work Performed:

Other Recurring Services

1. <u>6489</u>
2. _____
3. _____
4. _____

**CERTIFICATION OF WORK**

To be signed by the Contractor:

Print Name: Jim Geertgens Date: 12-11-18  
Signed: Jim Geertgens

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: James Joseph SGT Date: 10/12/18  
Signed: J. J. Joseph  
E-Mail: james.j.joseph.s.mil@mail.mil

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

SITE AND BLDG #:

P 042-01

LOCATION/RM #:

Boiler WO# 6599 ASSET # 4973

MECHANIC  
SIGNATURE:

DATE: 12/11/18

START TIME:

100

FINISH TIME: 110

ITEM	DESCRIPTION	BASIC COMPLIANCE		NOTES/ACCTIONS
		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.	/		
<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.	/		seals
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:

Pump A

Sealed

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

SITE AND BLDG #:

Pf 042 -01

MECHANIC  
SIGNATURE:

DATE: 12/4/18

START TIME:

110

FINISH TIME: 120

LOCATION/RM #:  
Boiler Room WO# 6549 ASSET # 4974

ITEMS NUMBER	ITEMS DESCRIPTION	BASIC COMPLIANCE		NOTES/ACCTIONS
		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.	/		
ITEMS DESCRIPTION				
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:

Pump B Sealed

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

SITE AND BLDG #:

Pr 042-01

MECHANIC  
SIGNATURE:

DATE:

12/18/18

LOCATION/RM #:

Boiler WO# 6549 ASSET # 4975

START TIME:

120

FINISH TIME: 180

ITEM	DESCRIPTION	TASK COMPLETION		NOTES
		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.	/		
<b>TO BE PERFORMED DATE: 12/18/18</b>				
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:

Pump

C

Seal

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

SITE AND BLDG #:

Pr 042-a

LOCATION/RM #:

Boiler

WO# 6549

ASSET # 4976

MECHANIC  
SIGNATURE:

DATE:

12/6/18

START TIME:

130

FINISH TIME:

140

PROCEDURE ITEM#	COMMITMENT DESCRIPTION	BASIC COMPLIANCE		NOTES/REMARKS
		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.	/		
<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.	/		
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:

Pump D Section