

CERTIFICATION OF WORK

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

FACID/Building: 40031-271

Date of Visit: 12-20, 12-21, 12-19

Contractor Personnel on Site:

1. Dominic Stango
2. _____
3. _____
4. _____
5. _____
6. _____

Work Performed:

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

1. wo# 6539, 6633
2. _____
3. _____
4. _____

Inspection, Testing, and Certification

1. _____
2. _____
3. _____
4. _____

Other Recurring Services

1. _____
2. _____
3. _____
4. _____

Service Calls -- Service Call Number and Description

1. _____
2. _____
3. _____

ATTACHMENT J-0200000-05
FORMS

Over and Above Repair Work – Order Number and Description of Work Completed

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Dominic Stango Date: _____
Signed: Dominic N Stango

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: A. N. GOLINSKY Date: _____
Signed: A. N. GOLINSKY
E-Mail: _____

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: Boiler WO# 6539 ASSET # 4982

MECHANIC SIGNATURE: J. S. DATE: 12-20-18

LOCATION/RM #: Boiler WO# 6539 ASSET # 4982

START TIME: 10:45 FINISH TIME: 10:50

NUMBER IN LIST	CHECKLIST DESCRIPTION	TASK COMPLETED		NOTES/ACTIONS (IN TASK COMPLETED IS CHECKED, NO FURTHER 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 IMPERFECTIVE MAINTENANCE 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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: BoilerWO# 6539ASSET # 4966MECHANIC SIGNATURE: DJDATE: 12-20-18LOCATION/RM #: Boiler WO# 6539 ASSET # 4966START TIME: 10:40FINISH TIME: 10:45

CHARTERED ITEM	CHECKPOINT DESCRIPTION	TASK COMMITMENT		NOTES / ACTIONS (IN TASK COMMITMENT OR PROVIDED 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.	✓		
ROUTINE MAINTENANCE INSPECTION SUMMARY				
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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: Pa051-227

MECHANIC S. S. SIGNATURE: S. S. DATE: 12-20-18

LOCATION/RM #: Boiler WO# 6530 ASSET # 4949

START TIME: 10:35 FINISH TIME: 10:40

CHECK ITEM	CHECKPOINT DESCRIPTION	PASSED/COMPLETED		NOTES/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.	✓		
10) RECOMMENDED MAINTENANCE 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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: Pa051-227

boiler 6539

ASSET # 4948

MECHANIC  DATE: 12-20-18SIGNATURE: 

START TIME: 10:30 FINISH TIME: 10:35

CHECKLIST ITEM	CHECKPOINT DESCRIPTION	TASKS COMPLETED		NOTES / ACTIONS (IF TASKS COMPLETED, IS CHECKED NO, PROVIDED 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 DURING MAINTENANCE 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	✓		

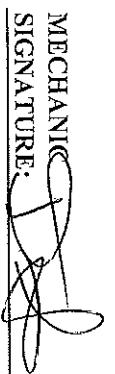
Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For any deficiencies found exceeding \$250 open a corrective maintenance (CM) ticket and include the Asset #, WO #, photos, and a detailed discription of the deficiency.

To be performed by: General Maintenance Worker

Additional Notes:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: PaG51-227

MECHANIC SIGNATURE: 
 DATE: 12-20-18

LOCATION/RM #: Boiler WO# 6539 ASSET # 4947

START TIME: 10:25 FINISH TIME: 10:30

ITEM NUMBER	CHECKPOINT DESCRIPTION	TASKS COMPLETED		NOTES / ACTIONS (IF TASKS COMPLETE, SCRIBE NO PROVIDED 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 DURING MAINTENANCE: INSPECT & REPAIR				
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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: Pa031-277

MECHANIC  SIGNATURE:  DATE: 12-20-18

LOCATION/RM #: 601\le^r WO# 6539 ASSET # 4903

START TIME: 10:20 FINISH TIME: 16:25

CHECKPOINT ITEM	CHECKPOINT DESCRIPTION	TASK COMPLETION		NOTES / ACTIONS (IF TASK NOT COMPLETED OR NOT CHECKED, 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 DURING MAINTENANCE				
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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: Pa051-227

MECHANIC SIGNATURE: J. S. DATE: 12-20-18

LOCATION/RM #: Boiler WO# 6539 ASSET # 4900

START TIME: 10:15 FINISH TIME: 10:20

CHECKPOINT #(W.O. LINE)	CHECKPOINT DESCRIPTION	TASK COMPLETED		NOTES/EXPLANATION (IF TASK NOT COMPLETED, CHECKED NO, PROVIDED 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 FILL IN FOR MAINTENANCE 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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: DO051-227

MECHANIC: J. S. SIGNATURE: J. S. DATE: 12-20-18

LOCATION/RM #: boiler WO# 6539 ASSET # 4899

START TIME: 10:10

FINISH TIME: 10:15

CHECKPOINT INSTRUCTION	TASK COMPLETED		NOTES/ACTIONS (IF TASK COMPLETED OR NOT AND 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 DURING MAINTENANCE/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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: Ro051-227

MECHANIC
SIGNATURE: 

DATE: 12-20-18

LOCATION/RM #: Boile WO# 6539 ASSET # 4898

START TIME: 10:05

FINISH TIME: 10:10

CHECK ITEM	CHECKPOINT DESCRIPTION	TASK COMPLETED		NOTES, ACTIONS (IF TASK COMPLETE IS CHECKED, 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	✓		

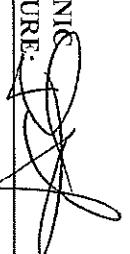
Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For any deficiencies found exceeding \$250 open a corrective maintenance (CM) ticket and include the Asset #, WO #, photos, and a detailed discription of the deficiency.

To be performed by: General Maintenance Worker

Additional Notes:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: PaOK-227

MECHANIC SIGNATURE: 

DATE: 12-26-15

LOCATION/RM #: Boiler WO# 6531 ASSET # 4897

START TIME: 10

FINISH TIME: 10:05

CHECKPOINT ITEM	CHECKPOINT DESCRIPTION	TRANSGOVERNMENT		NOTES/ ACTIONS (IF NO, CHECKING, PROVIDED 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.	✓		
TRANSGOVERNMENT MAINTENANCE				
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:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
VARIABLE FREQUENCY DRIVE

SITE AND BLDG #: Boiler WO# 6539 ASSET # 5012

MECHANIC SIGNATURE: 

DATE: 12-20-18

START TIME: 8:30

FINISH 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.	<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"/>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Perform a complete visual inspection and cleaning. Broken or damaged parts are replaced as necessary. Inspected for ambient temperature, dust, dirt, moisture, evidence of overheating, corrosion, integrity, etc. Capacitors are checked for leakage. Conductors and parts are checked for proper insulation. Drives are cleaned using vacuum or compressed air as required. Filters are cleaned or replaced. Power connections are re-torqued to manufacturer's specifications.	<input checked="" type="checkbox"/>		
2	Proper cooling is critical to the operation of a VFD. Fans are energized and tested for air flow. Heat sinks and air passages are inspected to detect blockage or broken/cracked components. Fans are replaced as necessary.	<input checked="" type="checkbox"/>		
3	Inspect VFD panel for alarm and confirm that unit is in automatic operation and system is normal.	<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: HVAC Technician

Additional Notes: