

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

SITE AND BLDG #: PH051-01  
 LOCATION/RM #: PH05 WO# 7480 ASSET # 4963

MECHANIC  
SIGNATURE: Dominic Strano

DATE: 3/27/19

START TIME: \_\_\_\_\_ FINISH TIME: \_\_\_\_\_

| CHECK<br>POINT                             | CHECKPOINT DESCRIPTION                                                                                                                                                                                                                                                                          | TASK COMPLETE |    | NOTES/ ACTIONS<br>(IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION) |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----|-------------------------------------------------------------------------|
|                                            |                                                                                                                                                                                                                                                                                                 | 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:**

# PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: fr 051-01 MECHANIC SIGNATURE: Danie Staryo DATE: 3/27/19

LOCATION/RM #: P-6 WO# 7680 ASSET # 4965 START TIME: FINISH TIME:

| CHECK POINT                                | CHECKPOINT DESCRIPTION                                                                                                                                                                                                                                                                          | TASK COMPLETE |    | NOTES/ ACTIONS<br>(IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION) |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----|-------------------------------------------------------------------------|
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| 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                                                                                                                                                                                                                                                                  | ✓             |    |                                                                         |

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To be performed by: General Maintenance Worker

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