

## PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST CIRCULATING AND BOOSTER PUMPS

SITE AND BLDG #: WV022-01

MECHANIC

SIGNATURE: James R Groft JrDATE: 03/21/2025LOCATION/RM #: \_\_\_\_\_ WO# 18161 ASSET # 9232

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

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

| CHECK POINT                                       | CHECKPOINT DESCRIPTION                                                                                                                                                                                                                                                                                           | TASK COMPLETE                       |    | NOTES/ ACTIONS<br>(IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)              |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----|--------------------------------------------------------------------------------------|
|                                                   |                                                                                                                                                                                                                                                                                                                  | YES                                 | NO |                                                                                      |
| <b>SPECIAL INSTRUCTIONS</b>                       |                                                                                                                                                                                                                                                                                                                  |                                     |    |                                                                                      |
| 1                                                 | 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"/> |    | <u>Pump 1 is leaking, see photo, Reported to AFOS</u>                                |
| 2                                                 | 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.-Report any leaks | <input checked="" type="checkbox"/> |    |                                                                                      |
| <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.4 shots of grease per PM                                                                                                                                                                   | <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 -Report unusual vibration                                                                                                                                                                                                                                             | <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 discription of the deficiency.

To be performed by: General Maintenance Worker

**Additional Notes:**