

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
AIR COMPRESSOR

SITE AND BLDG #: Gaithersburg MD013

MECHANIC
SIGNATURE: Pat Tabor

DATE: 6/15/22

LOCATION/RM #: Bldg 2 **wo#** 18201 **ASSET #** 1185

START TIME: 8:00

FINISH TIME: 9:10

| CHECK POINT | CHECKPOINT DESCRIPTION | TASK COMPLETE | | NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION) |
|---|---|---------------|----|---|
| | | YES | NO | |
| SPECIAL INSTRUCTIONS | | | | |
| 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. | ✓ | | |
| TO BE PERFORMED AT EACH INSPECTION SERVICE | | | | |
| 1 | . Perform a visual inspection of the air system, noting any obvious leaks or portions of the air distribution network that may be subject to physical damage. | ✓ | | |
| 2 | Change compressor crankcase oil (annually). | ✓ | | |
| 3 | Clean or replace air intake filter, as needed. | ✓ | | |
| 4 | Check air dryer, automatic condensate drains, and air tank for proper operation. Manually blow down condensate tank if needed. Clean condenser coils and cover grills, if applicable. | ✓ | | |
| 5 | Inspect oil separators for any sign of oil entering the system. | ✓ | | |
| 6 | Inspect belt alignment and condition. Adjust or replace belts as required. Belts should be replaced in complete sets. | ✓ | | |
| 7 | Check motor starter contactor - inspect contacts for pitting or arcing | ✓ | | |
| 8 | Clean heat exchange surfaces. | ✓ | | |
| 9 | Check gauges to be in good condition | ✓ | | |
| 10 | On two stage compressor, check intermediate pressure. | ✓ | | |
| 11 | Test relief valves, replace if leaking . Do not readjust safety relief valves in the field. | ✓ | | |
| 12 | Check cut in and cut out of compressor pressure controller, readjust if necessary for proper air pressure requirements. Do not exceed ASME maximum tank pressure. | ✓ | | |
| 13 | Check to make sure belt guard is installed prior to putting air compressor back in service. | ✓ | | |
| 14 | Check if air compressor is running excessively or frequently cycling on and off (possible leaks). | ✓ | | |



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: