

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST  
AIR COMPRESSOR

SITE AND BLDG #: **Schenectady 060**

MECHANIC SIGNATURE:  DATE: **8/1/2022**  
**8/15/2022**

LOCATION/RM #: **oms** WO# **18293** ASSET # **10519**  
**mechanical**

START TIME: **1345** FINISH TIME: **1430**

| CHECK 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.  | ✓             |    |   |
| TO BE PERFORMED AT EACH INSPECTION SERVICE |  |               |    |   |
| 1  | Perform normal tour checks and operations. 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 for corrosion and scale on water cooled units.   | ✓             |    |   |
| 8  | Clean heat exchange surfaces.  | ✓             |    |   |
| 9  | Check accuracy of gauges with calibrated test gauge.   | ✓             |    |   |
| 10   | On two stage compressor, check intermediate pressure.  | ✓             |    |   |
| 11   | Test relief valves, replace if leaking or the relief range is incorrect. 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 discription of the deficiency.

To be performed by: General Maintenance Worker

**Additional Notes:**