

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST  
AIR COMPRESSOR

SITE AND BLDG #: Rotterdam 059

MECHANIC  
SIGNATURE:



DATE: 5/10/2023

LOCATION/RM #: site

WO#



ASSET #



START TIME: 0830

FINISH TIME: 0900

| CHECK<br>POINT                             | CHECKPOINT DESCRIPTION                                                                                                                                                                                 | TASK COMPLETE |    | NOTES/ ACTIONS<br><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: