

# PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST

## COMPRESSED AIR SYS

**SITE AND BLDG #:** VA039-01

**MECHANIC SIGNATURE:** *Andy Bird*

**DATE:** 7-9-19

**LOCATION:** \_\_\_\_\_

**START TIME:** 11:30am

**FINISH TIME:** 11:45am

| Site Location | WO # | Asset # | PM # | Manufacturer     | Model Number | Serial # | Asset Description                                                               | Asset Location |
|---------------|------|---------|------|------------------|--------------|----------|---------------------------------------------------------------------------------|----------------|
| VA039-01      | 9751 | 6735    |      | <i>Speedaire</i> |              |          | J-1502000-20 1-pc Compressed Air System   PM Filter Annual, Testing & Insp 3-yr |                |

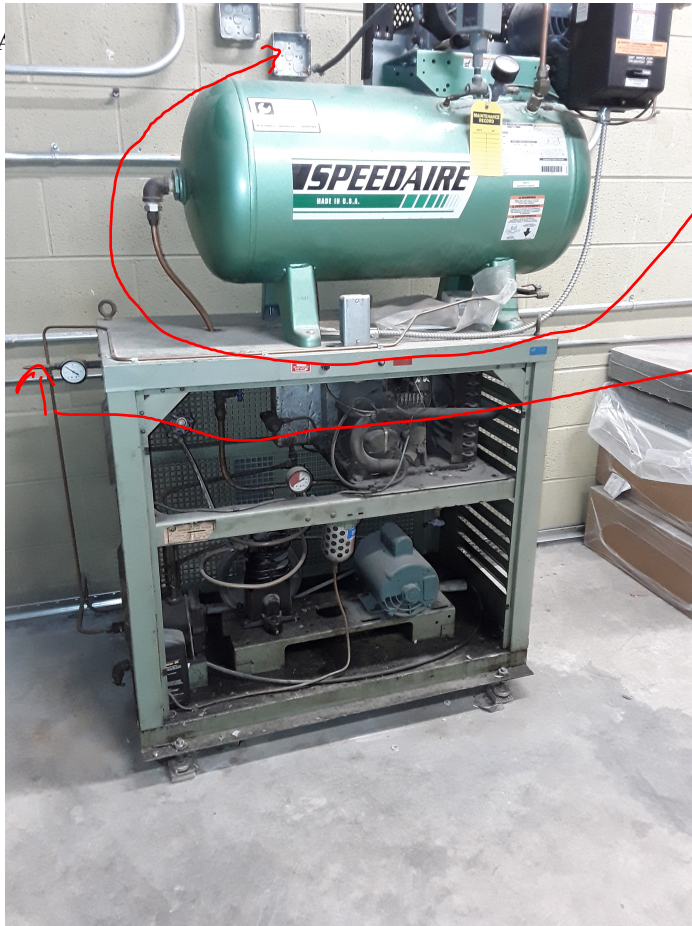
| CHECK POINT                                | CHECKPOINT DESCRIPTION                                                                                                                                                                                 | TASK COMPLETE |    | NOTES/ ACTIONS<br>(IF TASK COMPLETE 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 always. 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 compressors, 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. |  | ✓ |  |

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



-No Power

-Power supply wiring has been removed.

→ Air lines have been cut and removed.

Asset # 6735

CM Needed