

# PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST

## COMPRESSED AIR SYS

**SITE AND BLDG #:** VA033-02

**MECHANIC SIGNATURE:** Andy Bird **DATE:** 7-8-19

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

**START TIME:** 12:30pm **FINISH TIME:** \_\_\_\_\_

Site Location	WO #	Asset #	PM #	Manufacturer	Model Number	Serial #	Asset Description	Asset Location
VA033-02	9750	6734		Ingersoll Rand	2475	NARIO 295157	J-1502000-20 1- pc Compressed Air System   Filter Jul   Inspection & Testing 3-yr	mech Rm

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (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.		✓	n/a
8	Clean heat exchange surfaces.		✓	n/a
9	Check accuracy of gauges with calibrated test gauge.	✓		

10	On two stage compressors, check intermediate pressure.		✓	N/A
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 (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.		✓	N/A
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:**

This is a new compressor and tank.



Changed Aquatech Filter (CFI AC10)