

## **PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST**

### **AIR COMPRESSOR**

**SITE AND BLDG #:** NY059 - 01 **Main Building**

LOCATION/RM #:Welding Baywo# 3333 ASSET # 10372

MECHANIC  
SIGNATURE: Christopher N Pothier DATE: 4 - 19 - 19

**START TIME:** \_\_\_\_\_ **FINISH TIME:** \_\_\_\_\_

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
<b>SPECIAL INSTRUCTIONS</b>				
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.	X		
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.	X		
<b>TO BE PERFORMED AT EACH INSPECTION SERVICE</b>				
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.	X		
2	Change compressor crankcase oil (annually).	X		
3	Clean or replace air intake filter, as needed.	X		
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.	X		
5	Inspect oil separators for any sign of oil entering the system.	X		
6	Inspect belt alignment and condition. Adjust or replace belts as required. Belts should be replaced in complete sets.	X		
7	Check for corrosion and scale on water cooled units.	X		
8	Clean heat exchange surfaces.	X		
9	Check accuracy of gauges with calibrated test gauge.		X	do not have a test gauge
10	On two stage compressor, check intermediate pressure.		X	compressor is single stage
11	Test relief valves, replace if leaking or the relief range is incorrect. Do not readjust safety relief valves in the field.	X		
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.	X		

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.	X		
14	Check if air compressor is running excessively or frequently cycling on and off (possible leaks).	X		

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:**