

**PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST  
AIR COMPRESSOR**

**SITE AND BLDG #:** NY058-02

**MECHANIC  
SIGNATURE:**

DEEN ROWE

**DATE:**

4/15/21

**LOCATION:** STORAGE 201

**START TIME:**

8am

**FINISH TIME:**

9am

Site Location	WO #	Asset #	PM #	Manufacturer	Model Number	Serial #	Asset Description	Asset Location
NY058-02	12295	10170	FA-10170	Atlas Copco	KT01HD1203	HOP250827	J-20 1-pc Air Compressor	
NY058-02	12317	10170	PM-AN-10170	Atlas Copco	KT01HD1203	HOP250827	J-20 1-pc Air Compressor	
NY058-02	12429	10170	PM-FAN-10170	Atlas Copco	KT01HD1203	HOP250827	J-20 1-pc Air Compressor	

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.	✓		
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.	✓		

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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

**Additional Notes:**

\* Replaced pressure gauge on tank, Air safety valve on tank, and both compressor Air safety valves. Air Compressor now shuts off at 155 psi instead of 265 psi, which exceeds the tank max pressure of 175 psi.

