

**PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST**  
**AIR COMPRESSOR**

SITE AND BLDG #: NY023-121

MECHANIC  
 SIGNATURE: Deen Rowe DATE: 4/1/21

LOCATION: Cage Next Vehicle Area

START TIME: 10 Am FINISH TIME: 11:30 Am

Site Location	WO #	Asset #	PM #	Manufacturer	Model Number	Serial #	Asset Description	Asset Location
NY023-121	12299	9311	FA-9311	Quincy QT-10	MQT15STIOH P	5066069	J-20 1-pc Air Compressor	
NY023-121	12391	9311	PM-AN-9311	Quincy QT-10	MQT15STIOH P	5066069	J-20 1-pc Air Compressor	
NY023-121	12438	9311	PM-FAN-9311	Quincy QT-10	MQT15STIOH P	5066069	J-20 1-pc Air Compressor	

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.	✓		
2	Follow lock out/tag out procedures always. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.	✓		
<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.	✓		
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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Inspect belt alignment and condition. Adjust or replace belts as required. Belts should be replaced in complete sets.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Check for corrosion and scale on water cooled units.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Clean heat exchange surfaces.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Check accuracy of gauges with calibrated test gauge.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	On two stage compressors, check intermediate pressure.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	Test relief valves, replace if leaking or the relief range is incorrect. Do not readjust safety relief valves in the field.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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		YES	NO	
13	Check to make sure belt guard is installed prior to putting air compressor back in service.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
14	Check if air compressor is running excessively or frequently cycling on and off (possible leaks).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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:

\* CM - Air filter at station three is slowly leaking, it is shut off.

