

## may checklist 2021

**PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST**  
**VARIABLE FREQUENCY DRIVE**

SITE AND BLDG #: **ny024-358**MECHANIC  
SIGNATURE: **Ramon V**DATE: **5-4-2021**LOCATION/RM #: **M100** WO# **12822** ASSET # **190917-218**

START TIME:

FINISH TIME:

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.	check		
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.	check		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Perform a complete visual inspection and cleaning. Broken or damaged parts are replaced as necessary. Inspected for ambient temperature, dust, dirt, moisture, evidence of overheating, corrosion, integrity, etc. Capacitors are checked for leakage. Conductors and parts are checked for proper insulation. Drives are cleaned using vacuum or compressed air as required. Filters are cleaned or replaced. Power connections are re-torqued to manufacturer's specifications.	check		clean vfd housing and check all wiring connection
2	Proper cooling is critical to the operation of a VFD. Fans are energized and tested for air flow. Heat sinks and air passages are inspected to detect blockage or broken/cracked components. Fans are replaced as necessary.	check		
3	Inspect VFD panel for alarm and confirm that unit is in automatic operation and system is normal.	check		

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 discription of the deficiency.

To be performed by: HVAC Technician

**Additional Notes:**