

## PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST LIGHTNING PROTECTION (PER DOWN CONDUCTOR)

**SITE AND BLDG #:** VA099-01

**MECHANIC SIGNATURE:** *TLC*

**DATE:** 3/20/19

**LOCATION/RM #:**

**START TIME:** 10 AM

**FINISH TIME:** 11 AM

Site Location	WO #	Asset #	PM #	Manufacturer	Model Number	Serial #	Asset Description	Asset Location
VA099-01	7597	1432		unable to ID			J-1502000-42 1-pc Grounding Rod	wall
VA099-01	7597	1433		" "	" "		J-1502000-42 28-pc Lightning Rod	roof
VA099-02	7598	1443		" "	" "		J-1502000-42 1-pc Grounding Rod	wall
VA099-02	7598	1444		" "	" "		J-1502000-42 8-pc Lightning Rod	roof

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	During the first inspection, check that: a) All air terminals (lightning rods) are interconnected. b) At least two down conductors are installed with their own ground connection.			
TO BE PERFORMED AT EACH INSPECTION SERVICE				
1	Inspect air terminals for corrosion and rigid attachment to structure.			
2	Examine conductors and all connections for corrosion, strong mechanical joints which provide good electrical conductivity, and loose or broken fasteners.			
3	Check for loops, sharp bends (less than 8" radius) and frayed horizontal and vertical conductors.			
4	Check for damaged guards and down conductors.			

5	Inspect grounding attachment for permanency and corrosion (if practical).			
6	Test resistance to ground for each down conductor.			
7	Clean up work area and remove debris.			

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:**

