

**LPS Inspection Checklist
UL 96A**

Date: _____
Inspector: _____

Building Address: _____ **Building Stories:** _____

Client: _____ **Building Height Over 75' Y / N**

Down Conductors			
Penthouse Perimeter _____ If	Main Roof Perimeter _____ If	DC Material	AL / CU
Penthouse DC's - at least 2, or 1/100 lf? # Penthouse DC's	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Deficiencies, parts estimate	
Main Roof DC's - at least 2, or 1/100 lf? # Main Roof DC's	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		
Conductors			
Main Conductor	# Strands _____	Strand diameter (in) _____	AL / CU
PH roof conductor	# Strands _____	Strand diameter (in) _____	AL / CU
Attached every 3'	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Deficiencies, parts estimate	
Attachment clips UL parts for LPS?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		
<8" bend radius	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		
<3/12" upward pitch	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		
Strike Termination Devices			
Air Terminal Height _____	Air Terminal Diameter _____	AL / CU	
Air Terminals w/in 24" of edges? 10" Above Protected Objects?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Deficiencies, parts estimate	
<20' between 10" tall perimeter air terminals?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		
<25' between 24" tall perimeter air terminals?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		
<50' between mid-roof air terminals?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		
Air Terminals on top of metal bodies <3/16" thick?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		
AT's w/in 24" of corners on metal bodies?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		

Abbreviations: AT - Air Terminal; ZOP - Zone of Protection; DC - Down Conductor; AL - Aluminum; CU - Copper;

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Zones of Protection		
Is there unprotected equipment outside ZOP? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		
List and describe issues, with sizes and quantities of parts needed for correction		
		Describe Deficiencies with parts estimate
Copper conductor on Dissimilar Metals?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
Bi-metal connectors between AL and CU?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
Aluminum in direct contact with earth?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
Bottom 6' of DC protected?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
AL to CU at 18" above Ground	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
		Describe Deficiencies with parts estimate
Main sized conductor connected to equip AT's?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
Two paths to ground on equipment?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
U pockets?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
Cross-run conductors connected to perimeter <150'	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
Max rise of 12" connecting conductor to thru-roof?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
<8' for main roof dead ends?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
<16' for lower roof dead ends?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	

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Section 11, Metal Bodies subject to Direct Strikes

Power AHU < 3/16", surface area <400 in²

AT w/in 24" of all sides? Yes No N/A Deficiencies, parts estimate

Main sized conductor to AT? Yes No N/A

<8' Dead End? Yes No N/A

Power AHU < 3/16", surface area >400 in²

Two paths to ground on equipment? Yes No N/A

AT's w/in 24" of all corners/sides? Yes No N/A

Halo drop (conductor loop)? Yes No N/A

Fasteners adhered (A) or mechanical fastened (MF)? A MF N/A

Power AHU > 3/16" thick

Bonding plate 8 in²? Yes No N/A

Metal to Metal contact at bases? Yes No N/A

Section 11, Bonding

Grounded metal bodies w/in 6' of conductor bonded Yes No N/A Deficiencies, parts estimate