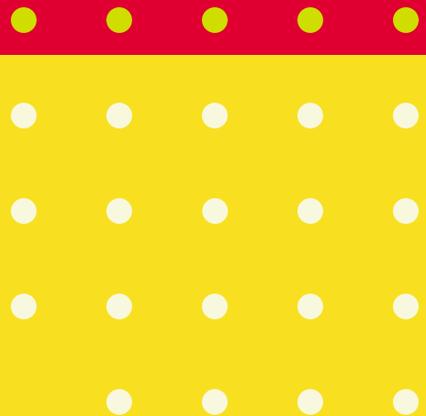


UL Master Label Certification for lightning protection systems



Your first strike against lightning damage



Each year thousands of properties are damaged or destroyed by lightning. Lightning accounts for more than one billion dollars annually in structural damage to buildings in the United States. What's not reported is the loss of business, downtime and liability when businesses or commercial tenants are forced to shut down to repair lightning damage. Insurers now require higher levels of safety for commercial buildings, schools, hospitals, institutions, historic landmarks, sports arenas and other public venues — *including the installation of lightning protection systems.*



Before you purchase your next lightning protection system, ask the professional installer these questions:

- Are the installed products marked to indicate they comply with UL requirements?
- Has the system been independently verified by a third-party certifier as meeting the installation requirements of UL and/or the National Fire Protection Association (NFPA)?
- Does the installer follow nationally recognized installation standards for lightning protection systems?
- Will the installation pass inspection by local building inspectors?
- Can the system help reduce insurance premiums for lightning damage — especially in regions where there is a documented high occurrence of lightning activity?

UL's Master Label Certification Program

Underwriters Laboratories Inc. (UL) has been testing and certifying lightning protection equipment since 1908. UL issues certificates of conformance for systems, inspecting system components and checking completed installations. Installations are required to comply with UL's internationally recognized Standards for lightning protection systems. Manufacturers, suppliers and installers demonstrate their commitment to safety by building, selling and installing only those lightning protection products that pass UL's rigorous testing.

Specifying UL-certificated systems prevents loss

Some manufacturers and installers simply self-declare that their lightning protection systems comply with national standards, making it difficult for you to determine if systems are truly compliant, properly installed or perform as claimed. Purchasing a lightning protection system carrying a UL Master Label Certificate:

- Minimizes the risk of significant property damage caused by lightning strikes.
- Helps protect your investment from liability, downtime and loss of business in the event of lightning damage.
- Gives you peace of mind that your UL-certificated lightning protection system has been rigorously tested to provide maximum protection for building exteriors and interiors — including electrical and electronic equipment.
- Demonstrates your commitment to safety to insurers, local inspectors and commercial tenants.
- Provides you with tools to make informed choices when selecting equipment and an installer.





Designing and planning your lightning protection system

Studies by the American Geophysical Union confirm that conventional lightning protection systems are highly effective in reducing lightning-caused fires and damage to buildings and structures. Specifying compliance with UL or NFPA standards is key to safe and effective lightning system performance. Lightning protection systems that have received the UL Master Label Certificate comply with national standards and include all of the following specified components:

- network of rooftop air terminals,
- network of grounding terminations,
- network of conductors interconnecting the air terminals and grounds,
- interconnections with metallic bodies, and
- lightning protection surge arrestor devices on all incoming power and communication lines.

How the UL Master Label Certification Program works:

UL has made the process of obtaining a Master Label Certificate quick and easy. UL field representatives visit your location to check your lightning protection system after it has been installed. Initial inspections can take between one-hour or an entire day, depending on your system's complexity. UL Master Label Certificates are issued within 48 hours of the completion of the inspection or after variances are corrected.

1. After the system has been installed, the UL Listed installer completes and submits the certification application.
2. Your lightning protection system is assigned to a UL field representative who inspects the installation and instantly communicates the results electronically to UL and the installer.
3. If necessary, a letter detailing any variances is issued to the installer. After variances are corrected, the installer resubmits the application for re-inspection. In some instances, system designs and variance corrections can be reviewed electronically.
4. The UL Listed installer forwards the certificate to the premise owner/operator, and posts the certificate on UL's Web site (www.ul.com/lightning), providing proof that the lightning protection system is in compliance with UL and/or NFPA standards.
5. Certificates must be renewed every five years.
6. Contact your installer, if your building changes structurally or if modifications have been made to the system during the five-year period that your certificate is in effect. Your installer can repair or modify the system and make arrangements to have it re-evaluated by UL to determine its continued compliance with UL and/or NFPA standards. *This is required to maintain your certificate!*

For more information related to UL's Master Label Certification program for lightning protection systems or to find a UL Listed installer in your area, please contact a UL customer service professional toll-free at:

Underwriters Laboratories Inc.

1-877-UL-HELPS (1-877-854-3577)

E-mail: LightningProtection@us.ul.com

Or visit us at www.ul.com/lightning

