

LIGHTNING PROTECTION SYSTEMS



**OPERATION &
MAINTENANCE FOR
BUILDING OWNERS**

HARGER[®]

Harger Lightning & Grounding

DID YOU KNOW?

Less than 2% of all lightning protection systems are reinspected or recertified.

Certifications are typically valid for a period of 5 years or until changes to the building occur. Something as simple as adding new security cameras or a replacement HVAC unit could render the system ineffective.

Maintenance and recertification of the lightning protection system is vital for ensuring that the wise investment made during the original phase of construction remains intact.

Over 98% of building owners have allowed their lightning protection system to become ineffective.



All building owners should have a program in place for addressing and incorporating changes to the exterior of their building. A complete and up to date lightning protection system is essential for protecting your building, sensitive electronics and personnel from the dangers of lightning. Working with your Harger Factory Trained Contractor, you can be confident that your investment will continue to provide years of continuous and effective operation.

Contact your Harger Factory Trained Contractor today about an Operations, Inspections and Maintenance program.

Below are a few examples of how a lightning protection system can become ineffective and substantially increase the risk of damage to your building, contents or personnel.



SECURITY SYSTEMS

Updated security cameras were recently installed on a large, regional medical center. The camera is susceptible to damage from a lightning strike which could further cause additional interior damage from fire due to arcing between the CCTV system and other building systems.



SATELLITE DISH

A satellite dish was recently added to a corporate headquarters as a backup source for internet services. The existing lightning protection system does not adequately protect this new telecommunications addition. Satellite dishes require special considerations as the protection method cannot interfere with the operation or reliability of the incoming and outgoing signals.



NEW HVAC EQUIPMENT

A new cooling unit was installed for a computer server room and was not tied into the lightning protection system. This unit is a mission critical piece of equipment which needs to be operational at all times. The financial implications of this unit suffering damage caused by a lightning strike makes it very clear that the existing system needs to be updated.



SOLAR PANELS

Multiple solar panel arrays have been added to a roof with an existing lightning protection system. It is imperative to prevent damage to the panels by promptly and effectively incorporating the new solar panel arrays into the existing lightning protection system.



Approximately 35 miles from Chicago, the corporate office and 50,000 square foot facility is located in Grayslake, Illinois.



A 75,000 square foot manufacturing plant, approximately 110 miles south of Raleigh, is located in Fairmont, North Carolina.

For more information, please contact Harger.

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