

LIGHTNING PROTECTION MAINTENANCE

Lightning protection is a system designed to safeguard structures, buildings and occupants from destructive effects of lightning strikes. These systems aim to mitigate these risks by providing a low-resistance path for lightning strikes to safely dissipate into the ground, thereby reducing the likelihood of damage or injury.

What is included in our Lightning Protection Maintenance?

During Lightning Protection Maintenance, the following checks will be completed:

- A visual inspection of the entire lightning protection system is conducted to identify any signs of damage, deterioration or wear. This includes inspecting the lightning rods, conductors, grounding electrodes, bonding connections and surge protection devices for corrosion, loose connections or physical damage.
- Various tests and measurements will be performed to assess the condition and functionality of the lightning protection system.
- Cleaning of the lightning rods and conductors to remove debris, dirt or corrosion.
- Any damaged or faulty components identified during the inspection process should be repaired or replaced.
- Detailed records of lightning protection maintenance activities for compliance purposes.
- Verification that the system meets the requirements specified in standards such as NFPA 780 or BS EN 62305.

How often should you carry out Lightning Protection Maintenance?

The frequency of lightning protection maintenance depends on several factors, including the type of system installed, local regulations, environmental conditions and the specific requirements of the structure being protected.

As a general rule, it is advised for all systems to undergo a thorough visual inspection at least once a year by a qualified technician.

In addition to visual inspections, certain components of the system may require periodic testing to ensure their effectiveness. Some manufacturers may provide specific maintenance guidelines.

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ALWAYS**

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