

# LIGHTNING PROTECTION TESTING & MAINTENANCE



To protect both the people and assets in your organisation from a lightning strike it is essential to make sure that your Lightning Protection system is maintained in good working condition. In fact, it is a requirement of the Electricity at Work Regulations 1989 that Lightning Protection systems are tested annually in accordance with the relevant British Standard.

## First and foremost

At Omega we pride ourselves on developing and introducing industry-leading practices. It is our commitment to innovation, professionalism and customer service that has made us the UK market leader in our field.

For example, any Omega employee responsible for the testing and maintenance of a Lightning Protection system, whether our own or a system installed by another company, has independent, third party accreditation of their competence to design and report on such systems.

To comply with this standard, your system should be checked at regular intervals, preferably not exceeding 12 months. If you have an Omega installation or we have tested your system before, we keep records of its maintenance history and will get in touch to arrange an appointment prior to the next required inspection date.

Omega recommends that your system is inspected and tested at intervals not exceeding 11 months. This ensures that over a period of 11 years your system will have been checked throughout every season of the year and seasonal variations to your earth resistances can be monitored and any remedial actions identified.

Our fully accredited engineers will visit your site for the inspection and:

- Make a visual inspection of the lightning protection system
- Check the mechanical condition of joints, bonds, electrodes etc
- Electrically test the resistance of all earth electrodes
- Provide a report detailing our findings and highlighting any remedial action needed.

Once the inspection report is completed and accepted, Omega engineers are available to undertake any necessary repairs or alterations and ensure that the system is in a fully functioning state of repair.

Furthermore, part of our commitment to developing best practice in the industry is the introduction of mobile, handheld computing to ensure a faster, more accurate and efficient service to our customers. Designed specifically for Omega these fully automated systems record and store data, including diagrams, about your Lightning Protection system.

Electronic communication from any part of the country means our offsite engineers can quickly draw on the resources of our regional and head office systems. Comprehensive site reports containing accurate and consistent information about your Lightning Protection system mean we can quickly identify and recommend any actions that need to be taken to improve its performance.

# LIGHTNING PROTECTION TESTING & MAINTENANCE CONTINUED



## Benefiting your business

Our customers have made us the UK market leader in Lightning Protection. We believe that you benefit from a customer-focussed philosophy of continuous improvement that enables you to take advantage of service levels that are second to none in our industry.

- You can choose as little or as much as you need from our complete turnkey offering
- You can be sure that you will get what you need through our commitment to best practice design and engineering
- You can count on our staff because we have made sure of their technical and service competence
- You can rely on the support of our national branch network, there to meet your needs
- You can take confidence from our proven track record - evidence of our ability and professionalism
- You have the added security that all our services are professionally indemnified and performance bonded
- You can benefit from our after sales service, safeguarding your assets for many years to come.

## Meeting the standard

The standard that applies in the UK and many other parts of the world for testing of lightning protection systems is 'BS EN 62305 Protection against lightning'.

## About us

Omega is the UK market leader for the design, supply, installation, testing and maintenance of specialist Earthing and Lightning Protection systems. Omega was set up in the 1980s by a group of qualified electrical engineers with more than 100 years collective experience between them. Their vision, which remains in place to this day, was of a new company that would introduce a higher level of professionalism and service to an industry that had been complacent and lacking in innovation.

Omega employs more than 200 people throughout the UK and operates from branches in Edinburgh, Manchester, Nottingham, London and Bristol.

## A full service offer

You can benefit from our unique turnkey offering, make use of our entire scope of services or just choose the parts you want:

- Lightning Protection Testing & Maintenance: regular inspection and maintenance to make sure your system remains in effective working condition.
- Lightning Protection: survey, design, supply, installation, testing and maintenance
- Electrical Earthing: survey, analysis, design & modelling, supply, installation, testing and maintenance.