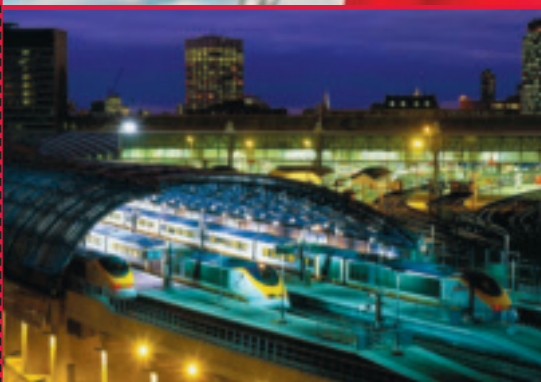


Earthing and Lightning Protection





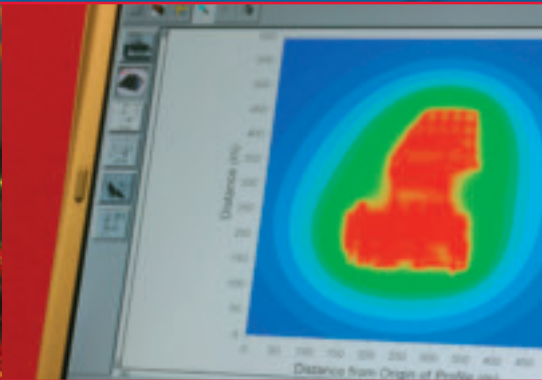
For... Earthing and Lightning Protection

Our customers made us the UK market leader in Earthing and Lightning Protection. They recognised that our commitment to high standards of service and safety meant that they could get on with their job secure in the knowledge that we had done ours.

Earthing and Lightning Protection are critical to our customers in the rail, tram, construction, power, telecoms and water industries. Sometimes just a few people feel the effects of inadequate systems for Earthing and Lightning Protection but sometimes the effects are felt by thousands as electrical surges or breakdowns hit transport systems or power supplies.

We continue to be the UK market leader because businesses large and small turn to us for the assurance of complete Earthing and Lightning Protection.

- You can take advantage of a complete turnkey service from initial survey, through to installation and ongoing maintenance designed to meet all legal requirements.
- You can be sure that your job will be fully and accurately specified right from the start because we have invested in best practice design and engineering processes backed up with industry leading software.
- You can count on our staff because we have made sure they achieve all the relevant technical and service competence qualifications.
- You can call on a national network of branches able to service jobs of all sizes through our flexible resource base.
- You can refer to our proven track record as evidence of our ability and professionalism.
- You have the added insurance of knowing that all our services are professionally indemnified, warranted and performance bonded.
- You can rest assured that your Earthing and Lightning Protection systems remain fully effective by using Omega's own maintenance teams for regular testing and maintenance.



With...

Service, Safety, Security

From an initial Site Survey through to the long-term security delivered by our comprehensive maintenance programmes, Omega Red has a total turnkey solution for Earthing and Lightning Protection. Of course, not everybody needs our full service so we have made it completely flexible – you can use as little or as much of our expertise as you need.

Omega Service

We pride ourselves just as much on the high standards of service we deliver as on our technical ability.

From first contact, your enquiry will be dealt with quickly and efficiently by our customer service team and our engineers – supported by a computerised system that records, tracks and evaluates your job to make sure it is completed quickly and professionally.

Whether you need a full Earthing and Lightning Protection solution to a major construction project or you need your annual system healthcheck your job will be handled with the same care and attention to detail we bring to all our work.

Our size means that we have the resources, stability, technical ability, training, infrastructure and reach to deliver on any job anywhere in the country.

We aim to foster mutual understanding through long-term relationships. That means remaining focussed on giving our customers the best possible solution within deadlines and delivering value for money to an agreed budget.

Extensive training, experience and continuous improvement ensure that you can be confident in the skills of our staff. Spread across our national network of branches we seek independent, third party accreditation for their competence and the quality of our work and maintain standards by using only our own teams of engineers.

Furthermore, the service doesn't stop once the installation is complete. We offer comprehensive maintenance programmes to ensure your system remains safe and secure and that you meet the legal requirement for an annual healthcheck.

Our staff liaise directly with your own project team to make sure that our work schedule is satisfactory and fits in with your broader programme. At all times, we aim to make your job as straightforward as possible.

Omega Safety

Your Earthing and Lightning Protection system benefits from the use of state-of-the-art Cdegs software and sophisticated CAD systems to support a detailed analysis of your needs. It means that your Omega installation automatically complies with current legislation and that we can design the highest standards of safety into your installation from the start.

Choosing Omega for Earthing and Lightning Protection means you can count on having the best-trained and most professional engineers on hand to ensure the safety of your site. That is true whether it is a simple, small-scale installation or a huge, complex, and technically demanding challenge such as a power station.

Part of our service means keeping on top of the latest technical advances and incorporating them into our work. We back it up with our own brand of high specification products manufactured to the highest standards to guarantee longevity, performance and peace of mind.

Maintenance

Maximising return on investment in Earthing and Lightning protection requires regular maintenance and it is a legal requirement that all lightning protection systems are tested annually. This ensures optimum system performance and protects critical business assets.

Testing

Our team of expert engineers undertakes detailed testing and inspection of completed installations. This includes commissioning, verifying the installation is in accordance with the required specification and is in compliance with all current legislation.



Omega Security

Expert engineers undertake a detailed inspection of all completed installations. Their assessment takes in your original commission, verifies that the job has been successful and is in compliance with current legislation.

You need to know not only that your systems are safe but also that they are secure for the long term. That's why we deliver a comprehensive testing and maintenance service that completely fulfils the legal requirement for annual system testing – our lightning protection systems meet BS EN 62305; earthing systems meet BS7430 and our electrical installations meet BS7671.

Our testing and maintenance service can be used completely independently of our other services. Whether your original system was installed by Omega or not, you can still benefit from our expertise in testing and maintenance. For your added security, we are covered by an insurance backed warranty and performance bond scheme.

Site Surveys

Information is gathered on a potential installation site by Omega's fully qualified team of engineers to provide the data for complex analysis. This enables our engineers to develop comprehensive protection strategies and plans aligned to your needs.

Data Analysis

Site surveys include detailed analysis of soil resistivity, as well as past and present land use on both greenfield and brownfield sites. Data gathered during the site survey is analysed to provide the optimum Earthing and Lightning Protection solutions.

Design

Omega uses state of the art Cdegs software and the most sophisticated CAD systems available so that we can deliver the best service to you. This enables Omega to ensure you comply with current standards and legislation for your total peace of mind.

Installation

Strategic UK locations provide you with nationwide coverage. Our team of skilled engineers and technicians is equipped to undertake any project – from simple, small scale installations to the most complex and demanding technical challenge.

Supply of Materials

Quality installations demand quality products. All Omega branded products are manufactured in compliance with the latest national and international quality standards, offering longevity in service, quality performance and peace of mind.



From...

Omega Red

Omega Red Group Ltd was formed in 1988 and by 1995 had become the UK market leader in Earthing and Lightning Protection. Today, Omega is more than three times the size of its largest competitor, employing more than 250 people on-site and at its regional offices in Edinburgh, Manchester, Nottingham, London and Bristol.

The company works across the country in a range of diverse sectors including Telecoms, Construction, Power and Rail. We can handle as much or as little as you need, jobs large or small, simple or complex – whatever it is, we have the skills and experience to ensure you get complete Earthing and Lightning Protection.



J Sainsbury plc

New installations, regular testing and maintenance, repair work to Earthing and Lightning Protection systems at the retailer's national store network.



Heathrow Terminal 5

Design and installation of a Lightning Protection system for this major expansion of the World's busiest airport.



Channel Tunnel Rail Link

Design and installation of the Earthing system for the high-speed rail link between London-King's Cross and the Channel Tunnel.



National Grid

Design, installation, testing and maintenance of Earthing systems for Gridcom, a subsidiary of National Grid, which builds telecoms link stations attached to electricity pylons for the mobile phone industry.



Dublin Light Rail Project

Design, installation and testing of earthing and lightning protection systems for the traction sub-stations on the Dublin Light Rail Project.





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