



PREMIER TECHNICAL  
SERVICES GROUP

***Electrical Services Ltd***

# LIGHTNING PROTECTION

## DESIGN AND INSTALLATION

STRIKING THE PERFECT  
BALANCE BETWEEN  
COST AND QUALITY



# OVERVIEW

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Lightning strikes the ground over 300,000 times a year in the UK alone. Without proper protection, buildings are at risk from structural damage. More importantly, their users are at risk of injury. A regulations-compliant lightning conductor system provides the vital protection needed.

PTSG Electrical Services Ltd. is the UK market leader and member of the Association of Technical Lightning & Access Specialists (ATLAS). Depending on your needs, our expert design team can provide either a standard or bespoke solution. We can also offer layout drawings to meet architect, consultant and contract engineer specifications. All new installations are undertaken by our experienced and thoroughly trained engineers based across the UK. We also provide additional services when 'rope access' equipment is required.

With 29 UK offices, PTSG can respond to all requests, whatever the location



# OUR SERVICE

Established in 2007, the Group has become the UK market leader in the design, installation and testing of lightning protection and earthing systems through a combination of organic growth and a number of strategic acquisitions, bringing some of the most outstanding UK lightning protection businesses into the Group. As a result, we have a number of nationwide offices and teams with extensive industry knowledge and expertise.

## Consultancy

Our experienced engineers and technicians provide a complete consultancy service to design engineers, architects, builders, building managers, project managers, contractors, facility managers, IT managers, network controllers and system administrators. We are dedicated to providing integrated lightning protection, surge protection and earthing solutions and services.

Our team of experienced consultants can survey your building and produce a report advising on the most effective and efficient means of protecting it from ground strikes and power surges. We can undertake this service for both new builds (we can provide the best advice if we are engaged at an early stage in the design process) and retro-fit installations.

## Design and Installation

Whether you are looking at a standard product or a bespoke solution, our team of experienced designers can advise you on the most effective and efficient design to protect your building from ground strikes and power surges.

Working to BSEN 62305, the solution we provide can form part of a standard package or be provided as a bespoke solution. Where a BS EN 62305 solution is not practicable, we are also able to offer Early Streamer Emission (ESE) systems as a solution to your lightning protection needs.

Our engineers listen closely and understand our clients' requirements and respond quickly, effectively and competitively to their needs. The end result is always a system that meets the performance specifications and complies with current standards and codes of practice.

- We offer a range of services including reviews of existing designs, writing of new specifications and drafting of CAD drawings showing layouts and details. We can undertake this design service for both new builds – with the best advice and designs available if engaged at an early stage in the design process – and retro-fit installations.

## Retrofit Upgrades

PTSG Electrical Services' engineers are highly experienced when it comes to working on older equipment or equipment installed by other suppliers. For systems installed to previous British standards, we are able to offer upgrades to bring your system in line with BS EN 62305.

If you would like to look at the possibility of extending the lifespan of your existing equipment, whether PTSG installed it or not, or if you are thinking about changing supplier, our engineers will improve what is already in place in a more cost-effective way.

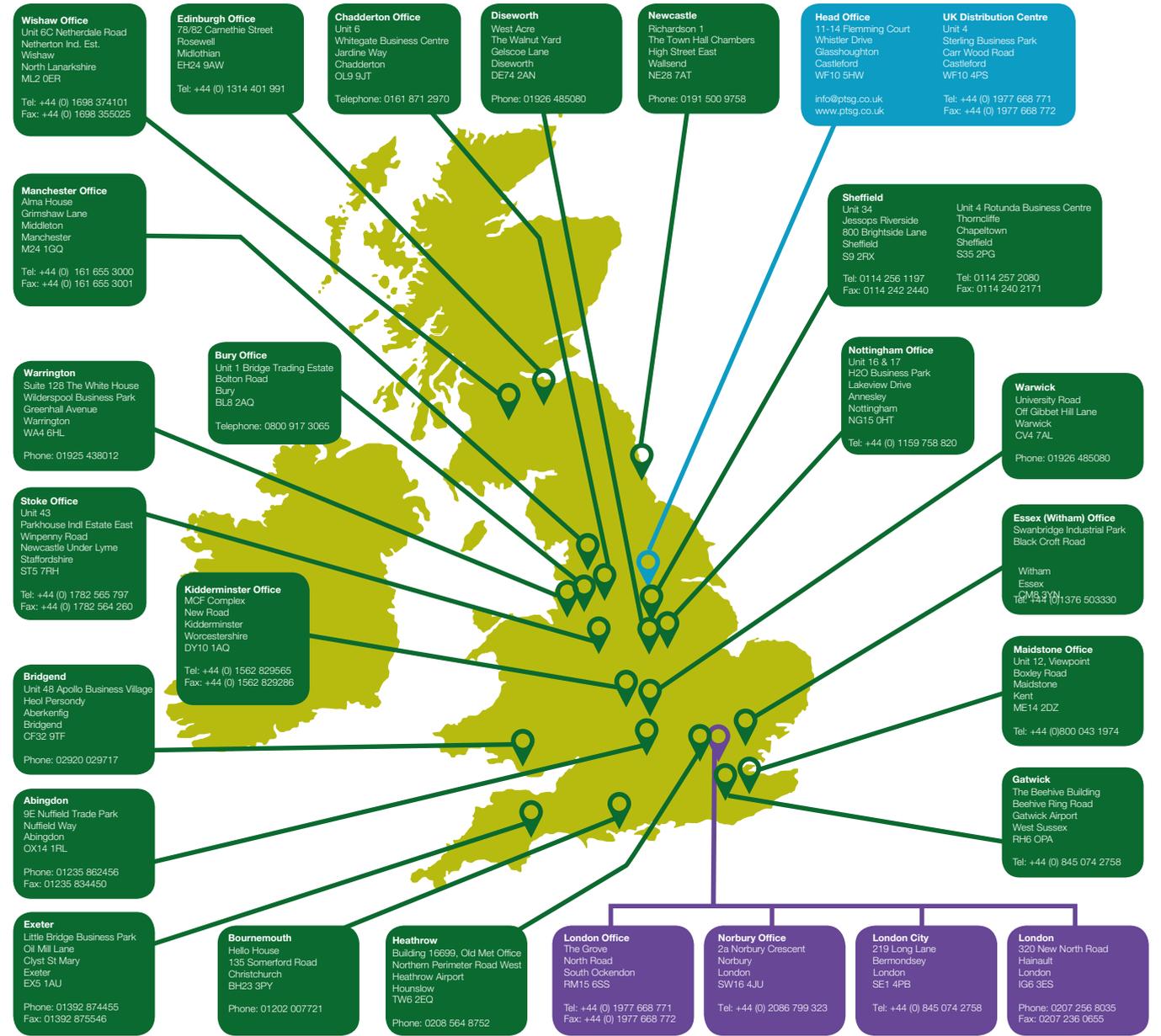
# ACCREDITATIONS

BS EN 62305-2:2012 Protection against lightning – risk management

BS 7430:2011 + A1:2015 Code of Practice for Protective Earthing of Electrical Installations



For more information visit [ptsg.co.uk](http://ptsg.co.uk)





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