



Services - Lightning Protection

Lightning Protection



stone
technical services ltd



Lightning Protection

Lightning Protection BS6651:1999 and BSEN 62305

Stone Technical Services Ltd provide comprehensive risk assessments to structure, specification and installation of lightning protection systems to historic buildings. Examples include St Paul's Cathedral London, lightning conductor engineers to the clerk of the works, Martin Fletcher, Hexham Abbey, Ripon Minster, Beverly Minster, Bishops Thorpe Palace and many more of our historic buildings.



St. Pauls Cathedral

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Lightning Conductors

Design, Installation, Certification, Maintenance & Annual Testing.

Works carried out on: Churches & Historic Buildings, Industrial Factories and Plant, Military & Institutional Establishments, Chimneys & Tall Structures.

Advice and consultation available following groundworks (eg. Drainage, Foundation Works, or Water Abstraction), Storm or Lightning Strike.

Typical of our works: Bishopthorpe Palace, York. St. Paul's Cathedral, London. Clariant plc, Beverley. Swan House, Newcastle.

Our approach with Lightning Conductors is based upon long experience. Often old L.C. Systems are found to be ineffective due to lack of earthing - usually as a result of routine annual resistance tests being missed.

We are keen to carry out this task on L.C. Systems, assisting our clients to fulfil the BS 6651 & BSEN 6205 2006 and Insurance requirements. Maintaining existing L.C. Systems and upgrading when needed.

Lightning Protection Design Service and Support

A properly designed system provides effective protection yet interferes as little as possible with the appearance of the buildings being protected.

We strive to achieve both practical and pleasing designs. This often allows us to use parts of the structural framework of the building to be incorporated, to reduce the visual impact of the system. Contact our Design Department for FREE survey and risk assessment.

Installation

All works are co-ordinated by our contracts team, who ensure that work progresses within the required schedules. Risk assessments and method statements are produced to comply with the latest C.D.M. requirements, full COSHH data is provided. All our site engineers are registered C.I.T.B. certified.

Technical Information

The British Standard BS 6651 1999 & BSEN 62305: 2006 (The Protection of Structures Against Lightning) gives guidance on the forms of protection that may be adopted.

Technical Details/Sketches

We can supply on demand details of standard connection methods and builders drawings for incorporation into technical specifications.

Maintenance

All works comply to BS 6651:1999 & BSEN 62305 2006 and requires annual testing and inspection. We provide a comprehensive testing and maintenance schedule to ensure any defects are observed and corrected resulting in continued peace of mind for the end user.

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