



Conditional Pass

Lightning Protection Test & Inspection



Client Details	
Certificate Ref	STA655 / 2024
Client Name	Steve Griffiths
Client Company	The Diocese of London (London Anglican)

Site/Test Details	
Test Date	05 / 09 / 2024
Site ID	STA655
Building Name	St Andrew's Church (Enfield)
Site Name	St Andrew's Church (Enfield)
Site Address	Church Street, St Andrew's Church, Enfield, Middlesex, EN1 3EG, England

System Description

Air Termination Network	
Roof Type	Flat
Roof Finish	Other
Conductor Colour	Bare
Conductor Size	25mm x 3mm

Down Conductor Network	
No. Down Conductor	1
Material	Copper
Size	25mm x 3mm
Colour	Bare
Test Points	Via Pit
Vandal Guards	Galvanised

Earth Network	
No. Earths	1
Earth Type	Earth Electrodes
Inspection Pit	Concrete
Ground Type	Slabs
Surge Devices	No
Equipotential Bond	No



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Earth Resistance Measurements

Electrical testing of the system has been carried out in accordance with the requirements requested and in accordance with BS EN 62305. The earth resistance measurements obtained in ohms (Ω) are as follows:

EP1	4.41 Ω
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Key 1 - Vehicle Obstruction 2 - Overgrown Plants, Foliage or Trees 3 - Could Not Locate 4 - Outside Of Boundary
5 - Restricted Access 6 - Object/Structure Obstructing Pit 7 - Faulty Test Point **BAR** - Best Achievable Reading

Testing Engineer	Testing Instrument	Test Date
Dave Cockburn	Kyoritsu 4105A	05 / 09 / 2024



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We certify the structural lightning protection system installed at the above site is in good working order in accordance with the standard it was installed to, and earth readings obtained satisfy the value requirements of BS EN 62305.

Single Conductor System

Whilst the buildings existing system is in good working order it currently only has a single down conductor and earth and was installed to a standard that pre-dates BS EN 62305. As such the buildings system does not meet the requirements or comply with the current British standard for lightning protection.

To meet the minimum requirements of BS EN 62305 an additional down conductor and earth would need to be installed.

To meet the minimum requirements of BS EN 62305 an additional down conductor and earth would need to be installed. Please contact us for a quotation to upgrade your system or to discuss this further.

Regulations require testing and visual inspection of the system to be carried at intervals not exceeding 12 months. Should you require a quotation to carry out the annual maintenance of the system please contact us.

For and on behalf of

Bacon Lightning Protection & Maintenance Ltd

Kevin Baldwin | Maintenance Manager

Bacon Lightning Protection & Maintenance Ltd

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