



# Lightning Protection Inspection & Test Certificate

ATLAS NO. **0301** REFERENCE **GD/00029/25455**PASS / FAIL: **PASS**

## DETAILS OF CLIENT

Name: Pamela Wilson

Address: Coast House, Spectrum 4, Spectrum Business Park, Seaham, County Durham, United Kingdom, SR7 7TT

## SITE ADDRESS

Name: Donnini House

Address: Comet Close, Easington, Peterlee, SR8 3ER

Work Type: Inspection &amp; Test

Comments: Inspection &amp; Test

## AIR TERMINATION NETWORK

### ROOF TYPE

### ROOF COLOUR

### AIR RODS

500mm

1000mm

2000mm

None

### MATERIAL

Copper

Aluminium

Steel Frame

Re-Bar

Metallic

### CONDUCTOR SIZE

20 x 3mm

25 x 3mm

8mm

50 x 6mm

50mm CSA

70mm CSA

95mm CSA

120mm CSA

### PVC COLOUR

Brown

Black

Grey

White

Stone

Bare

Green/Yellow

### FIXING

Non-Metallic

Slate Holdfasts

Felt Cleats

Self Adhesive

Metallic

In Cavity

## MESH GRID SIZES

20m x 20m

15m x 15m

10m x 10m

5m x 5m

## ROOF STYLES

Flat

Pitched &amp; Hipped

Pitched &amp; Gabled

## BONDING

## MATERIAL

Copper

Aluminium

Steel Frame

Re-Bar

Metallic

## CONDUCTOR SIZE

20 x 3mm

25 x 3mm

8mm

50 x 6mm

50mm CSA

70mm CSA

95mm CSA

120mm CSA

## FIXING

Non-Metallic

Slate Holdfasts

Felt Cleats

Self Adhesive

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In Cavity

## BONDS

AC Unit

TV Aerial

Balcony

CCTV

## TYPE OF BONDS

B Bond

Rivet

Tower Clamp

Nut &amp; Bolt

## DOWN CONDUCTOR NETWORK

## INTERNAL DOWN CONDUCTORS

0

## MATERIAL

Copper

**Aluminium**

Steel Frame

Re-Bar

Metallic

## CONDUCTOR SIZE

20 x 3mm

**25 x 3mm**

8mm

50 x 6mm

50mm CSA

70mm CSA

95mm CSA

120mm CSA

## PVC COLOUR

Brown

Black

Grey

**White****Stone****Bare**

Green/Yellow

## FIXING

**Non-Metallic**

Slate Holdfasts

Felt Cleats

Self Adhesive

Metallic

In Cavity

## TEST CLAMPS

Oblong

Bi-Metal

Square

Plate Type

**Stainless Steel**

A Clamp

Screw Down

## GROUND CONDITIONS

Wet

Dry

Damp

**CONDUCTOR TYPES**

High Level Bond

Low Level Bond

**EARTH TEST RESULTS**

REF	RESISTANCE	GROUND TYPE	HOUSING TYPE	EARTHING TYPE	EARTH SIZE	EARTH LENGTH	TEST FACILITY	TEST POSITION	TEST METHOD	PASS OR FAIL?
E1	13.64 ohms	Gravel	Concrete	Electrode Copperbond	16 Dia	1200	Stainless Steel	Wall	Dead	PASS
E2	13.4 ohms	Gravel	Concrete	Electrode Copperbond	16 Dia	1200	Stainless Steel	Wall	Dead	PASS

Through System Test:

6.55

Mean Resistance:

6.759

**EQUIPOTENTIAL CONDUCTOR**

**INSTALLED**

Yes

No

**MATERIAL**

Copper

Aluminium

Steel Frame

Re-Bar

Metallic

**CONDUCTOR SIZE**

20 x 3mm

25 x 3mm

8mm

50 x 6mm

50mm CSA

70mm CSA

95mm CSA

120mm CSA

**PVC COLOUR**

Brown

Black

Grey

White

Stone

Bare

Green/Yellow

**FIXING**

Non-Metallic

Slate Holdfasts

Felt Cleats

Self Adhesive

Metallic

In Cavity

**SURGE PROTECTION**

**MAIN INCOMER**

Quantity:

Type:

ESP 415/I/TNS

Installation By:

Not Specified

**SUB DISTRIBUTION**

Quantity:

Type:

ESP 415/I/TNS

Installation By:

Not Specified

**DATA INSTALLATION**

Quantity:

Type:

ESP 415/I/TNS

Installation By:

Not Specified

TELECOMS INSTALLATION

Quantity:	
Type:	ESP 415/I/TNS
Installation By:	Not Specified

INSPECTION & TESTING


Date of Inspection:	31 January 2024
Next Inspection Due:	January 2025
Test Engineer:	Paul Baird
Instrument Ref:	DET3TD 101036844

DECLARATION OF CONFORMITY

Engineer:

Signature		Date:	31 January 2024	Name:	Paul Baird
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Reviewed By:

Signature		Date:	07 February 2024	Name:	Jade Embleton
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