

**LIGHTNING PROTECTION
TEST CERTIFICATE**
For New Installations and Verification of Existing Installations



Master - 11884

Details of Client

Client: Paine Manwaring Ltd
Address: Unit D Easting Close, Dominion Way, Worthing, BN14 8HQ

Details of Installation

Occupier: Block B
Address: Southern Sidings, Southern Gate, Chichester
Extent of the installation covered by this certificate: Block B
Lightning Protection System

The installation is:
New
An addition
An alteration
Verification of Existing Installation

Particulars of Contractor

Company: Orion Lightning Protection Ltd
Address: Unit 8 Wickham Business Centre, Harwood Road, Harwood Industrial Estate, Littlehampton, West Sussex BN17 7AU Telephone: 01903 724 218

Responsible for:
Design
Installation
Verification

Inspection and Testing

Date of Inspection: 23 February 2018
Test Engineer: Mr S Godward
Test Instrument: KYORITSU 4105A
Serial No: W8120711
Next Inspection due: 23 February 2019
Additional Comments: System requires annual inspection

Overall Resistance: 6.00 Ω

System installed to: BSEN 62305 **PASS**
BSCP 6651
BSCP 326

Protection Level:
Level I
Level II
Level III
Level IV

Declaration of Conformity

We being the person(s) responsible for the inspection and testing of the lightning protection installation (as indicated by our signature(s) below) particulars of which are described above, have exercised reasonable skill and care when carrying out the inspection and testing and hereby CERTIFY that the work for which we have been responsible is, to the best of our knowledge and belief in accordance with the British Standard as indicated except for the departures, if any, detailed as follows:

Details of departures from British Standard indicated above: Co-Ordinated Surge Protection

The extent of liability of the signatory is limited to the work described above as subject of this certificate.

For the INSPECTION and TESTING of the installation:

Signature: Date: 23/02/2018 Name: Mr S Godward Inspector
Reviewed by: Date: 23/02/2018 Name: Justin Gale Supervisor



telephone:
**01903
724218**

**LIGHTNING PROTECTION
TEST CERTIFICATE**
For New Installations and Verification of Existing Installations



Master - 11884

Air Termination Network

Other

Air Terminals	500mm	<input type="checkbox"/>	1000mm	<input type="checkbox"/>	2000mm	<input type="checkbox"/>	None	<input type="checkbox"/>	50x50mm
Material	Copper	<input type="checkbox"/>	Aluminium	<input checked="" type="checkbox"/>					Strike Plates
Conductor Size	20 x 3mm	<input type="checkbox"/>	25 x 3mm	<input checked="" type="checkbox"/>	8mm	<input type="checkbox"/>			Undertile system
Metal Roof	Zinc	<input type="checkbox"/>	Aluminium	<input type="checkbox"/>	Copper	<input type="checkbox"/>	Steel	<input type="checkbox"/>	
PVC Colour	Brown	<input type="checkbox"/>	Black	<input type="checkbox"/>	Grey	<input type="checkbox"/>			
	White	<input type="checkbox"/>	Stone	<input type="checkbox"/>	Bare	<input checked="" type="checkbox"/>			
Fixings	Non-Metallic	<input type="checkbox"/>	Slate Holdfasts	<input type="checkbox"/>	Felt Cleats	<input type="checkbox"/>	Self Adhesive	<input type="checkbox"/>	
Bonds	A/C Unit	<input type="checkbox"/>	TV Aerial	<input type="checkbox"/>	Handrail	<input type="checkbox"/>	PV Panels	<input checked="" type="checkbox"/>	
Type of Bonds	B Bond	<input type="checkbox"/>	Rivet	<input type="checkbox"/>	T Clamp	<input type="checkbox"/>	Nut & Bolt	<input type="checkbox"/>	
Roof Access	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>					

Down Conductor Network

Other

Material	Aluminium	<input type="checkbox"/>	Copper	<input type="checkbox"/>	Steel Frame	<input checked="" type="checkbox"/>	Re-bar	<input type="checkbox"/>	
Conductor Size	20 x 3mm	<input type="checkbox"/>	25 x 3mm	<input checked="" type="checkbox"/>	8mm	<input type="checkbox"/>			
PVC Colour	Brown	<input type="checkbox"/>	Black	<input type="checkbox"/>	Grey	<input checked="" type="checkbox"/>			
	White	<input type="checkbox"/>	Stone	<input type="checkbox"/>	Bare	<input type="checkbox"/>			
Fixings	Non-metallic	<input type="checkbox"/>	Metallic	<input type="checkbox"/>	Self Adhesive	<input type="checkbox"/>	In Cavity	<input type="checkbox"/>	
Bonds	AC Unit	<input type="checkbox"/>	TV Aerial	<input type="checkbox"/>	Balcony	<input type="checkbox"/>	CCTV	<input type="checkbox"/>	
Type of Bonds	B Bond	<input type="checkbox"/>	Rivet	<input type="checkbox"/>	T Clamp	<input type="checkbox"/>	Nut & Bolt	<input type="checkbox"/>	
Number of Down Conductors		<input type="text" value="6"/>							

Earth Termination Network

Other

Material	Copperbond	<input checked="" type="checkbox"/>	Copper	<input type="checkbox"/>	Stainless Steel	<input type="checkbox"/>	Foundations	<input type="checkbox"/>	
Size	16mm	<input checked="" type="checkbox"/>	19mm	<input type="checkbox"/>	25mm	<input type="checkbox"/>	50mm	<input type="checkbox"/>	
Mat Size	300mm	<input type="checkbox"/>	600mm	<input type="checkbox"/>					
Eart Pit	Plastic	<input checked="" type="checkbox"/>	Concrete	<input type="checkbox"/>	None	<input type="checkbox"/>	Other	<input type="checkbox"/>	
Earth Type	A - Rod	<input checked="" type="checkbox"/>	A - Pile Cap	<input type="checkbox"/>	B - Earth Mat	<input type="checkbox"/>	B - Earth Ring	<input type="checkbox"/>	
Number of Earths		<input type="text" value="6"/>							

Comments

--



telephone:
**01903
724218**

**LIGHTNING PROTECTION
TEST CERTIFICATE**
For New Installations and Verification of Existing Installations



Master - 11884

Surge Suppression Device		Installed device:	Installed by:
Main Incomer		Not requested by Client	
Sub Distribution		Not requested by Client	
Data Installation		Not requested by Client	
Telecoms Installation		Not requested by Client	

Earth Test Results

Ref No	Resistance Ω (Ohms)	Ground Type	Pit Type	Earthing Type	Size (mm)	Test Point	Labels Present	Test Position	Test Method	Notes
E1	29.5	New Build	Plastic Furse	Copper Bond	16	A-Clamp	No	Pit	Dead	
E2	57.6	New Build	Plastic Furse	Copper Bond	16	A-Clamp	No	Pit	Dead	
E3	33.4	New Build	Plastic Furse	Copper Bond	16	A-Clamp	No	Pit	Dead	
E4	26.2	New Build	Plastic Furse	Copper Bond	16	A-Clamp	No	Pit	Dead	
E5	29.3	New Build	Plastic Furse	Copper Bond	16	A-Clamp	No	Pit	Dead	
E6	39.9	New Build	Plastic Furse	Copper Bond	16	A-Clamp	No	Pit	Dead	
E7										
E8										
E9										
E10										
E11										
E12										
E13										
E14										
E15										
E16										
E17										
E18										
E19										
E20										
E21										
E22										
E23										
E24										
E25										



telephone:
**01903
724218**