

# Wiltshire Steeplejacks

The Coach House 5 Court Street Trowbridge Wiltshire BA14 8BR Tel 01225 761330 07973 397770

## TEST CERTIFICATE

Test Certificate Number **12164**  
 Date **12/03/2021** Postcode **SN2 8AB**  
 Building Name or Number **Thomas Edward Coard Building, Cricklade Road, Swindon**

<b>Information</b>		Test Reading	ohms	Test Reading	ohms
Next Test Due	<b>February, 2022</b>	1	18.10	31	
Test Instrument	CA	2	134.00	32	
Test Instrument	CHAUVIN ARNOUX CA6415	3	0.79	33	
Calibration Date	29/10/20 - 28/10/21	4	0.49	34	
Certificate No.	PCS54120	5	0.67	35	
The Lightning Protection System has been electrically tested with the British Standard Code of Practice for Churches and Public building BSEN62305/BS7430 and must be tested annually to comply with the Code of Practice, and should not exceed 10 ohms		6	0.58	36	
		7	1.50	37	
		8	87.50	38	
		9	0.89	39	
(Parallel Average)		10		40	
STANDARDS TESTED TO	BS6651 BSEN62305 BS7430	11		41	
<b>Customer Details</b>		12		42	
Name	DIANA MORRIS	13		43	
Address (line 1)	15 WINDSOR ROAD	14		44	
Address (line 2)		15		45	
City	SWINDON	16		46	
Postal code, Country	WILTS SN3 1JP	17		47	
Phone	0330 606 1402	18		48	
		19		49	
Company name	Cricklade Road Management	20		50	
	Company Ltd	21		51	
		22		52	
<b>PASSED / FAILED</b>	<b>PASSED</b>	23		53	
<b>Defects to be reported:</b>		24		54	
<b>2 SAT DISHES AND 1 AERIAL REQUIRE CROSS BONDING</b>		25		55	
<b>INTO THE LIGHTNING PROTECTION SYSTEM</b>		26		56	
		27		57	
		28		58	
		29		59	
Weather conditions	SUNNY AND DRY	30		60	
Initial	P				
Engineers Name	SILK				
	<b>Average</b>		<b>8.39</b>		
	<b>Parallel Average</b>		<b>0.12</b>		
Engineers Signature					
www.wiltshiresteeplejacks.co.uk					

**VISUAL INSPECTION OF LIGHTNING PROTECTION SYSTEM**

This inspection is in accordance with BS-EN 62305/BS7430

It should be noted that tapes concealed in roof spaces or hidden areas have not been inspected

What colour is the tape

**Brown**

What material is the tape and size

**Aluminium & Copper 25mm**

Are all metal objects adequately bonded back to the system?

**NO**

Which Earth point is the Equipotential bond connected to?

**BONDED TO STEEL IN COLUMNS**

Can we access all earth pits? **None**

**No**

Are any of the Bi-metallic connectors corroded?

**No**

Has the building been fitted with surge protection

**NO**

Ground condition

Earthing Detail

**Concrete**

**Piles**

What remedial action is required? **Eg. ep1 need bi met .....**

**WORK RECOMMENDED TO COMPLY WITH BSEN62305 /BS7430**

**THIS BUILDING REQUIRES 2 SAT DISHES BONDED & 1 AERIAL BONDED**

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Photos



EARTH POINT 1



EARTH POINT 2



EARTH POINT 3



EARTH POINT 4



EARTH POINT 5



EARTH POINT 6



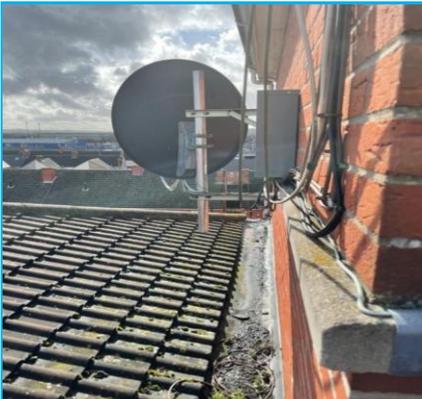
EARTH POINT 7



EARTH POINT 8



EARTH POINT 9



SAT DISH 1



SAT DISH 2



AERIAL 1

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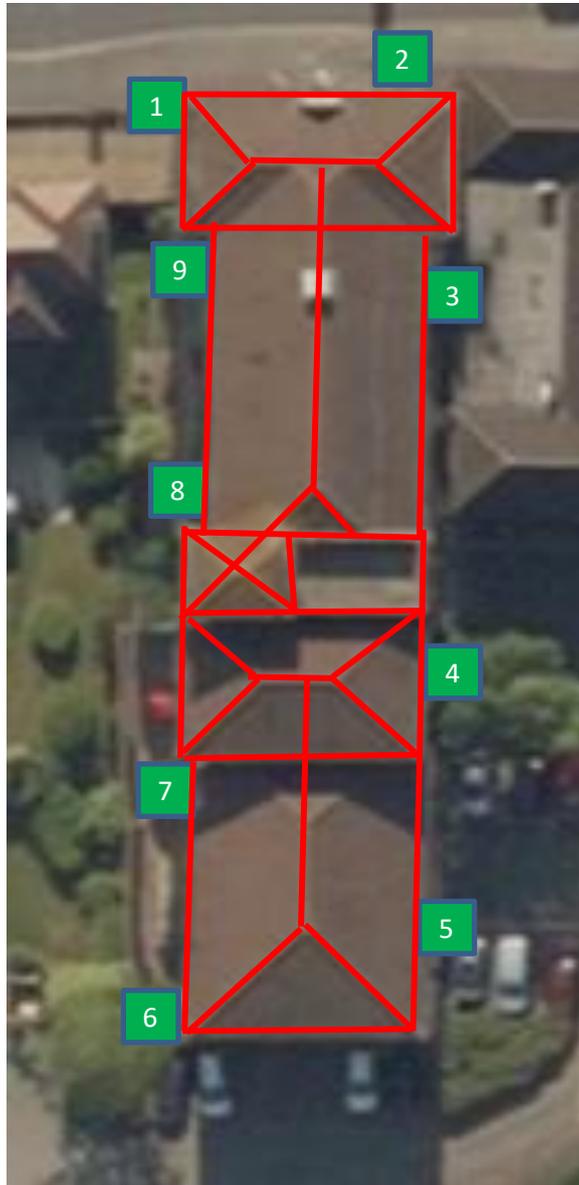
EARTH POINT 13	EARTH POINT 14	EARTH POINT 15
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EARTH POINT 16	EARTH POINT 17	EARTH POINT 18
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EARTH POINT 19	EARTH POINT 20	EARTH POINT 21
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EARTH POINT 22	EARTH POINT 23	EARTH POINT 24
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Schematics



# CERTIFICATE OF CALIBRATION

Issued By: Precise Calibration Services Ltd  
 Date of Issue: 29 October 2020

Certificate Number  
 PCS54120

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Faraday House, 43a York Street  
 Wigan  
 WN3 4BY  
 www.precise-cal.co.uk  
 Tel: 01942 821110 Fax: 01942 821118

Approved Signatory

J. Johnson     P. Gonzalez     K. Smith     I. Wilkinson     N.R. Harrison

Customer: NIGEL LEE CALIBRATION SERVICES  
 4, LAKEWELL, WESTONZOYLAND, NR BRIDGEWATER  
 SOMERSET TA7 0LP

Date Received: 27 October 2020

Instrument:	System ID:	C15006DAV	Job Number:	JPGT7447-2
	Description:	Ground Tester	Site:	
	Manufacturer:	Chauvin Arnoux	Location:	
	Model Number:	CA6415		
	Serial Number:	173006DAV		
	Procedure Version:	D52 SC		

**Environmental Conditions**

Temperature: 20°C +/- 3°C	Mains Voltage: 240V +/- 10V
Relative Humidity: 50% +/- 10%	Mains Frequency: 50Hz +/- 1Hz

**Comments**

Instrument was allowed to stabilise in the lab before calibration.  
 Instrument serviced prior to calibration.  
 Calibrated to manufactures specification.

All tests passed calibration.

**Traceability Information**

Instrument description	Serial number	Certificate number	Cal. Date	Cal. Period
3458A Multimeter	2823A15676	41464	08/08/2020	53
5500 Multifunction Calibrator	6470032	41825	13/08/2020	53

Calibrated By: J. Johnson

Date of Calibration: 29 October 2020

This certificate provides traceability of measurement to recognised National Standards, and to the zero of measurement realised at the National Physical Laboratory or other recognised National Standards laboratories.  
 Copyright of this certificate is reserved by the issuing laboratory and may not be reproduced except with the prior written approval of the issuing laboratory.  
 This certificate complies with the requirements of BS EN ISO 10012:2003