

Lightning Protection Report Certificate



PASS	<input checked="" type="checkbox"/>
FAIL	<input type="checkbox"/>

Site Name & Address: Stowford Community Centre Chambers Cl Sidmouth EX10 9YL	Date of Inspection: 28th April 2023
Contact: Bob	Next inspection due: 28th March 2024
	Testing Engineer: DA
	Ground Conditions: Damp

Readings:	E1	E2	E3	E4	E5	E6									
Earth reading obtained	31.2	43.5	37.3	34.1	46.1	71.2									
Long test (if above is high)						60.8									
System Reading						10.7									

Earth reading obtained															
Long test (if above is high)															
Reading back through system															

Required earth reading	_____ 60 Ohms or under (No. of connected down conductors multiplied by ten)
	_____ 10 Ohms or under (combined system reading)

Condition of external system including faults/defects (if any):

The lightning protection system appears to be in good working order throughout.
Most resistance to earth readings were within the tolerances of BSEN 62305 at the time of inspection.

E6 earth reading and system continuity were slightly above the targeted 60 Ohms and 10 Ohms. These should be monitored.

Does the external system conform to BS EN 62305:2011?

Yes No

If not, why not? _____

Surge protection installed? Not visible	M.E.T. equi-potentially bonded to the system? Not visible
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Air Termination Network:

Type of network	<input type="checkbox"/> Surface	<input checked="" type="checkbox"/> Concealed	<input type="checkbox"/> Metal roof utilised
	<input type="checkbox"/> Capping	<input type="checkbox"/> Steel frame	<input type="checkbox"/> None present
Strike plates/finials used (under tile systems)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
	<input type="checkbox"/> Copper	<input checked="" type="checkbox"/> Aluminium	<input type="checkbox"/> Unknown (Possibly bare aluminium)
Colour of sheathing (if any)	<input checked="" type="checkbox"/> Bare	<input type="checkbox"/> Brown	<input type="checkbox"/> Black
	<input type="checkbox"/> Grey	<input type="checkbox"/> Stone	<input type="checkbox"/> White
			<input type="checkbox"/> N/A

Down conductor:

	E1	E2	E3	E4	E5	E6													
Aluminium (concealed)	✓	✓	✓	✓	✓	✓													
Copper																			
Steel frame/reinforcing																			
Rainwater pipe																			

Colour:

Bare	✓	✓	✓	✓	✓	✓													
Brown																			
Stone																			
Black																			
Grey																			
White																			
Painted																			

Test Clamp:

Bimetallic	✓	✓	✓	✓	✓	✓													
GM Square																			
Ali Square																			
"G" clamp																			
"B" bond																			
None																			

Anti-vandal guard:

Galvanised																			
Wood																			
PVC Plastic																			
Polyethaline																			
None	✓	✓	✓	✓	✓	✓													

Inspection Housing:

Plastic	✓	✓	✓	✓	✓	✓													
Concrete																			
None																			