

# Omega Red Group Ltd - Lightning Protection System - Certificate of Inspection

**Client:** Imtech Engineering Services Ltd - Central  
**Location:** Olympic Stadium Transformation and West Stand Pavillion  
**ORG reference:** 1167607-001  
**Page:** 1 of 2  
**Address:**

Stratford  
 GB  
 E20 2ST

**Inspected by:** XXXXXXXXXX  
**Inspection date:** 28/06/2016  
**Test instrument reference:** OFS404  
**Next inspection due:** 05/2017

The lightning protection system for this structure has been inspected in accordance with the current edition of BS EN 62305.

The structure has a system designed in accordance with the requirements of BS EN 62305 for lightning protection level 1.

The lightning protection system for this structure complies with the standard to which it has been inspected (see statement above).

The lightning protection system is in a serviceable condition and does not require any repair works.



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**Blenheim Industrial Estate**  
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**NG6 8WA**

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V.A.T. no. 918 5490 96  
 Registered in England no. 2197902

## Air Termination System

Copper	<input type="checkbox"/>	Aluminium	<input type="checkbox"/>
Steel	<input checked="" type="checkbox"/>	Other	<input type="checkbox"/>
25x3mm	<input type="checkbox"/>	8mm	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>		
Bare	<input type="checkbox"/>	PVC	<input type="checkbox"/>
Metallic	<input type="checkbox"/>	Non-Metallic	<input type="checkbox"/>
Felt pads	<input type="checkbox"/>	Other	<input checked="" type="checkbox"/>
Comments			
Approx. height of building:	<input type="text"/>	M	
Flat roof	<input type="checkbox"/>	Pitched roof	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>		

## Down Conductor System

Copper	<input type="checkbox"/>	Aluminium	<input type="checkbox"/>
Steel	<input checked="" type="checkbox"/>	Other	<input checked="" type="checkbox"/>
25x3mm	<input type="checkbox"/>	8mm	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>		
Bare	<input type="checkbox"/>	PVC	<input type="checkbox"/>
Metallic	<input type="checkbox"/>	Non-Metallic	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>		
Comments			
Equipotential bond installed?			
Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Unidentified	<input checked="" type="checkbox"/>		

## Earth Termination System

Position number	Resistance in ohms	Comments	Ground type	Inspection pit type	Electrode type	Electrode size	Test clamp type	Label	Test method
E1	0.16		Tarmac	None	Foundations	Foundations	B bond	No	Overall LPS
E2	15.98		Tarmac	None	Foundations	Foundations	B bond	No	Overall LPS
E3	0.12		Tarmac	None	Foundations	Foundations	B bond	No	Overall LPS
E4	10.46		Tarmac	None	Foundations	Foundations	B bond	No	Overall LPS
E5	0.74		Tarmac	None	Foundations	Foundations	B bond	No	Overall LPS
E6	0.13		Tarmac	None	Foundations	Foundations	B bond	No	Overall LPS
E7	0.21		Tarmac	None	Foundations	Foundations	B bond	No	Overall LPS
E8	4.06		Tarmac	None	Foundations	Foundations	B bond	No	Overall LPS
E9	1.02		Tarmac	None	Foundations	Foundations	B bond	No	Overall LPS
E10	0.61		Tarmac	None	Foundations	Foundations	B bond	No	Overall LPS
E11	0.68		Tarmac	None	Foundations	Foundations	B bond	No	Overall LPS
E12	1.81		Tarmac	None	Foundations	Foundations	None	No	Other Reference
E13	1.74		Tarmac	None	Foundations	Foundations	None	No	Other Reference
E14	0.88		Tarmac	None	Foundations	Foundations	None	No	Other Reference
E15	0.82		Tarmac	None	Foundations	Foundations	None	No	Other Reference
E16	0.40		Tarmac	None	Foundations	Foundations	None	No	Other Reference
E17	7.60		Tarmac	None	Foundations	Foundations	None	No	Other Reference
E18	7.56		Tarmac	None	Foundations	Foundations	None	No	Other Reference
E19	0.76		Tarmac	None	Foundations	Foundations	None	No	Other Reference
E20	0.17		Tarmac	None	Foundations	Foundations	None	No	Other Reference
E21	1.10		Tarmac	None	Foundations	Foundations	None	No	Other Reference
E22	5.69		Tarmac	None	Foundations	Foundations	None	No	Other Reference
E23	136.80		Tarmac	None	Foundations	Foundations	None	No	Other Reference

