



Details of the Client

Client/ Address	RYDON, RYDON HOUSE, STATION RD , FOREST ROW, EAST SUSSEX, PostCode
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Details of the Installation

Address:	GRENFELL TOWER, GRENFELL RD, LONDON, SW11 1TQ	The installation is:	New	N/A
Extent of the installation covered by this certificate	TEMPORARY LIGHTING TO MAIN ENTRANCE WALK WAY INCLUDING EMERGENCY LIGHTING AND RCD PROTECTION VIA SPUR UNIT.	An Addition		<input checked="" type="checkbox"/>
		An Alteration		N/A

For Design

I being the person(s) responsible for the design of the electrical installation (as indicated by my signature(s) below), particulars of which are described above, have exercised reasonable skill and care when carrying out the design hereby CERTIFY that the design work for which I have been responsible is, to the best of my knowledge and belief in accordance with BS 7671:2008 amended to N/A except for the departures, if any detailed as follows:

Details of departures from BS7671:2008, as amended (Regulations 120.3 and 134.1.8): None

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

For the DESIGN of the installation:

Signature		Date	18/03/2015	Name	M RUTTER	Designer 1
Signature	N/A	Date	N/A	Name	N/A	Designer 2 **

\*\* (where there is mutual responsibility for the design)

For Construction

I being the person(s) responsible for the construction of the electrical installation (as indicated by my signature(s) below), particulars of which are described above, have exercised reasonable skill and care when carrying out the construction hereby CERTIFY that the construction work for which I have been responsible is, to the best of my knowledge and belief in accordance with BS 7671:2008 amended to N/A except for the departures, if any detailed as follows:

Details of departures from BS7671:2008, as amended (Regulations 120.3 and 134.1.8): None

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

For the CONSTRUCTION of the installation:

Signature		Date	18/03/2015	Name	M RUTTER	Constructor
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For Inspection and Testing

I being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my signature(s) below), particulars of which are described above, have exercised reasonable skill and care when carrying out the inspection and testing hereby CERTIFY that the work for which I have been responsible is, to the best of my knowledge and belief in accordance with BS 7671:2008 amended to N/A except for the departures, if any detailed as follows:

Details of departures from BS7671:2008, as amended (Regulations 120.3 and 134.1.8): None

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

For the INSPECTION and TEST of the installation:

Signature		Date	18/03/2015	Name	M RUTTER	Inspector
Reviewed by						
Signature		Date	18/03/2015	Name	A DICKENS	Qualified Supervisor

## Particulars of the Signatories to the Electrical Installation Certificate

DESIGNER (No 1)		Organisation		OAKMEAD ELECTRICAL CO	
Address		UNIT 101 62 TRITTON ROAD LONDON SE 21 8DE SE21 8DE		NICEIC Enrolment Number 5259	
		Tel		N/A	
				Branch No.(If Applicable) N/A	
DESIGNER (No 2)		Organisation		N/A	
Address				Registration Number	
		Tel		N/A	
				Branch No.(If Applicable)	
CONSTRUCTOR		Organisation		OAKMEAD ELECTRICAL CO	
Address		UNIT 101 62 TRITTON ROAD LONDON SE 21 8DE SE21 8DE		NICEIC Enrolment Number 5259	
		Tel		N/A	
				Branch No.(If Applicable) N/A	
INSPECTOR		Organisation		OAKMEAD ELECTRICAL CO	
Address		UNIT 101 62 TRITTON ROAD LONDON SE 21 8DE SE21 8DE		NICEIC Enrolment Number 5259	
		Tel		N/A	
				Branch No.(If Applicable) N/A	

## Supply Characteristics and Earthing Arrangements

System Type(s)	Number and Type of Live Conductors						Nature of Supply Parameters				Supply protective device characteristics				
TN-S	<input checked="" type="checkbox"/>	a.c.		<input checked="" type="checkbox"/>	d.c.		N/A	Nominal Voltage	U	400	V	U <sub>o</sub>	400	V	BS(EN) 88 Fuse HRC Type gG Nominal current rating LIM A Short circuit Capacity LIM kA
TN-C-S	N/A	1-Phase (2 wire)	N/A	1-Phase (3 wire)	N/A	2 Pole	N/A	Nominal frequency	f	50	Hz				
TN-C	N/A	2-Phase (3 wire)	N/A			3 Pole	N/A	Prospective fault current	I <sub>pf</sub>	N/A	kA				
TT	N/A	3-Phase (3 wire)	N/A	3-Phase (4 wire)	<input checked="" type="checkbox"/>	Other	N/A	External loop impedance	Z <sub>e</sub>	N/A	Ω				
IT	N/A	Other	N/A				Number of Supplies		1						

## Particulars of Installation Referred to in the Certificate

Means of Earthing		Details of Installation Earth Electrode (where applicable)					
Distributor's facility	<input checked="" type="checkbox"/>	Type (eg rod(s), tape etc)	N/A		Location	N/A	
Installation earth electrode	N/A	Electrode resistance, R <sub>A</sub>	N/A Ω		Method of measurement	N/A	
Main Switch or Circuit-Breaker		Maximum Demand (load)		Protective measure(s) against electric shock			
Type BS(EN)	LIM	Voltage Rating	500	V	300	Amps	
No. of poles	3	Current Rating	N/A	A	ADS		
Supply Conductors material	Copper	RCD operating current, I <sub>Δn</sub>	N/A	mA	Earthing and Protective Bonding Conductors		
Supply Conductors CSA	LIM mm <sup>2</sup>	RCD operating time at, I <sub>Δn</sub>	N/A	ms	Bonding of extraneous conductive parts (✓)		
						Water	Gas
						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
						Oil	Steel
						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
						Lightning	Other
						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## Comments on Existing Installation

Where appropriate comments on the existing installation are to be found on page(s)

INSPECTION LIMITED TO THE FUSEBOARD LL DB

## Next Inspection

I, The designer(s) RECOMMEND that this installation is further inspected and tested after an interval of not more than 1 Year or change of tenancy

## Schedule of Items Inspected

## PROTECTIVE MEASURES AGAINST ELECTRIC SHOCK

## Basic and fault protection

N/A	SELV
N/A	PELV
N/A	Double or Reinforced insulation

## Basic Protection

✓	Insulation of live parts
✓	Barriers or enclosures
N/A	Obstacles **
N/A	Placing out of reach **

## Fault protection

## Automatic disconnection of supply

✓	Presence of earthing conductor
✓	Presence of circuit protective conductors
✓	Presence of main protective bonding conductors
N/A	Presence of earthing arrangements for combined protective and functional purposes
✓	Presence of adequate arrangements for alternate sources, where applicable
N/A	FELV
N/A	Choice and setting of protective and monitoring devices (for fault protection and/or overcurrent protection)

## Non-conducting location \*\*

N/A	Absence of protective conductors
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## Earth-free local equipotential bonding \*\*

N/A	Presence of earth-free equipotential bonding
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## Electrical Separation

N/A	For one item of current-using equipment
✓	For more than one item of current-using equipment

## Additional protection

✓	Presence of residual current device(s)
✓	Presence of supplementary bonding conductors

\*\* For use in controlled supervised/conditions only

## Prevention of mutual detrimental influence

✓	Proximity of non-electrical services and other influences
N/A	Segregation of Band I and Band II circuits and Band II insulation used
N/A	Segregation of safety circuits

## Identification

✓	Presence of diagrams, instructions, circuit charts and similar information
✓	Presence of danger notices and other warning notices
✓	Labelling of protective devices, switches and terminals
✓	Identification of conductors

## Cables and conductors

✓	Selection of conductors for current-carrying capacity and voltage drop
✓	Erection methods
N/A	Routing of cables in prescribed zones
N/A	Cables incorporating earthed armour or sheath, or run in an earthed wiring system, or otherwise protected against nails, screws and the like
N/A	Additional protection by 30mA RCD for cables concealed in walls (where required, in premises not under the supervision of skilled or instructed persons)
N/A	Connection of conductors
✓	Presence of fire barriers, suitable seals and protection against thermal effects

## General

✓	Presence and correct location of appropriate devices for isolation and switching
✓	Adequacy of access to switchgear and other equipment
N/A	Particular protective measures for special installations and locations
✓	Connection of single pole devices for protection or switching in line conductors only
✓	Correct connection of accessories and equipment
N/A	Presence of undervoltage protective devices
✓	Selection of equipment and protective measures appropriate to external influences
✓	Selection of appropriate functional switching devices

## Schedule of Items Tested

+ see note below

N/A	External earth fault loop impedance, $Z_e$
N/A	Installation earth electrode resistance, $R_A$
✓	Continuity of protective conductors
N/A	Continuity of ring final circuit conductors
✓	Insulation resistance between live conductors
✓	Insulation resistance between live conductors and Earth
N/A	Protection by separation of circuits

N/A	Basic Protection by barrier or enclosure provided during erection
N/A	Insulation of non-conducting floors and walls
✓	Polarity
✓	Earth fault loop impedance, $Z_s$
N/A	Verification of phase sequence
✓	Operation of residual current devices
✓	Functional testing of assemblies
✓	Verification of voltage drop

## Schedule of Additional Records [See attached schedule]

Note: Additional page(s) must be identified by the Electrical Installation Certificate serial number and page number(s)

N/A

+ All boxes must be completed

✓ to Indicate an Inspection has been carried out and the result is satisfactory

x to Indicate an Inspection has been carried out and the result is not satisfactory (applicable for a periodic inspection only)

N/A to Indicate the Inspection is not applicable to a particular item

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	ENTRANCE RISER	Supply to distribution board is from	N/A		Associated RCD (if any)
		No of phases	1	Nominal Voltage	BS(EN) 230 V
					RCD No of poles
Distribution board designation	DB LL	Overcurrent protective device for the distribution circuit			N/A
		Type BS(EN)	N/A	Rating	RCD rating, I <sub>Δn</sub>
				N/A A	N/A mA

[illegible]

A	B	C	D	E	F	G	H	O
PVC/PVC cables	PVC cables in metallic conduit	PVC cables in non-metallic conduit	PVC cables in metallic trunking	PVC cables in non-metallic trunking	PVC/SWA cables	XLPE/SWA cables	Mineral insulated cables	Other



