



**Details of the Client**

Client/  
Address

**Installation Address**

Installation/  
Address

**Description and Extent of the Installation**

Description of Installation   
Extent of the installation covered by this certificate

New Installation   
Addition to an existing Installation   
Alteration to an existing Installation

**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 :  amended to  except for the departures, if any detailed as follows:

Details of departures from BS7671:2008, as amended (Regulations 120.3 and 133.5):

Details of permitted exceptions (Regulation 411.3.3) Where applicable, a suitable risk assessment(s) must be attached to this Certificate

--See Additional Page--

Risk Assessment attached:

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:

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

Signature  Date  Name  Designer 1  
Signature  Date  Name  Designer 2\*\*

**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 :  amended to  except for the departures, if any detailed as follows:

Details of departures from BS7671:2008, as amended (Regulations 120.3 and 133.5):

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  Name  Constructor

**For Inspection & 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 :  amended to  except for the departures, if any detailed as follows:

Details of departures from BS7671:2008, as amended (Regulations 120.3 and 133.5):

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  Name  Inspector

**Next Inspection**

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

## Particulars of the Signatories to the Electrical Installation Certificate

DESIGNER (No 1)		Company	GFE		
Address	11 Geneva Road Fulwood Preston Lancashire PR2 8FE			Tel	07825626673
	NICEIC Enrolment Number	604156			
		Branch No.(If Applicable)	N/A		
DESIGNER (No 2) ( if applicable )		Company	N/A		
Address	N/A			Tel	N/A
	N/A	N/A			
		Branch No.(If Applicable)	N/A		
CONSTRUCTOR		Company	GFE		
Address	11 Geneva Road Fulwood Preston Lancashire PR2 8FE			Tel	07825626673
	ECA Registration Number	N/A			
		Branch No.(If Applicable)	N/A		
INSPECTOR		Company	GFE		
Address	11 Geneva Road Fulwood Preston Lancashire PR2 8FE			Tel	07825626673
	NICEIC Enrolment Number	604156			
		Branch No.(If Applicable)	N/A		

## Supply Characteristics and Earthing Arrangements

Earthing arrangements		Number and Type of Live Conductors				Nature of Supply Parameters			Supply protective device characteristics	
TN-S	N/A	a.c.	<input checked="" type="checkbox"/>	d.c.	N/A	Nominal Voltage, U/U <sub>0</sub> <sup>(1)</sup>	230	V	BS(EN)	
TN-C-S	<input checked="" type="checkbox"/>	1-Phase (2 wire)	N/A	2 Wire	N/A	Nominal frequency, f <sup>(1)</sup>	50	Hz	LIM	
TN-C	N/A	1-Phase (3 wire)	N/A	3 Wire	N/A	Prospective fault current, I <sub>pf</sub> <sup>(2)</sup>	1.6	kA	Type	
TT	N/A	2-Phase (3 wire)	N/A	Other	N/A	External loop impedance, Z <sub>e</sub> <sup>(2)</sup>	0.15	Ω	N/A	
IT	N/A	3-Phase (3 wire)	<input checked="" type="checkbox"/>			(Note: (1) by enquiry, (2) by enquiry or by measurement)				
Alternative source of supply ( to be detailed on attached sheet )	N/A	3-Phase (4 wire)	N/A	Confirmation of supply polarity	N/A	Nominal current rating	N/A	A	Short-circuit capacity	N/A
										kA

## Particulars of Installation Referred To in the Certificate

Means of Earthing		Maximum Demand			Method of fault protection				
Distributor's facility	<input checked="" type="checkbox"/>	Maximum demand (load)	50	Amps	ADS				
Installation earth electrode	N/A	<b>Details of Installation Earth Electrode (where applicable)</b>							
		Type (eg rod(s), tape etc)	N/A	Location	N/A	Electrode resistance, to earth	N/A Ω		
<b>Main Protective Conductors</b>									
Earthing Conductor	Material	Copper	csa	35	mm <sup>2</sup>	Continuity and Connection Check	<input checked="" type="checkbox"/>		
Main protective bonding conductors	Material	Copper	csa	10	mm <sup>2</sup>	Continuity and Connection Check	<input checked="" type="checkbox"/>		
Water installation pipes	<input checked="" type="checkbox"/>	Gas installation pipes	<input checked="" type="checkbox"/>	Oil installation pipes	N/A	Structural Steel	N/A		
						Lightning protection	N/A		
						Other	N/A		
							N/A		
<b>Main Switch/ Switch-Fuse/ Circuit-Breaker/ RCD</b>									
Type BS(EN)	60898 MCB Type B	No. of poles	1	Current rating	63	A	Voltage rating	230	V
Location	Cellar	Fuse rating	63	A					
Rated residual operating current, I <sub>Δn</sub>	N/A	mA	Measured operating time at, I <sub>Δn</sub>	N/A	ms	Rated Time Delay	N/A	ms	(applicable only where an RCD is suitable and is used as a main circuit-breaker)

## Comments on Existing Installation

(In the case of an addition or alteration see Section 633) None

## Schedules

The attached schedule(s) are part of this document and this report is valid only when they are attached to it.


1 Schedule(s) of inspection and 1 Schedule(s) of test results are attached

All items inspected in order to confirm, as appropriate, compliance with the relevant clauses in BS 7671

	Acceptable condition	tick	Not applicable	N/A	
Item No	Description				Outcome
<b>1.0</b>	<b>DISTRIBUTOR'S / SUPPLY INTAKE EQUIPMENT</b>				
1.1	Condition of service cable				✓
1.2	Condition of service head				✓
1.3	Condition of distributor's earthing arrangement				✓
1.4	Condition of meter tails - Distributor/Consumer				✓
1.5	Condition of metering equipment				✓
1.6	Condition of isolator (where present)				✓
<b>2.0</b>	<b>PARALLEL OR SWITCHED ALTERNATIVE SOURCES OF SUPPLY</b>				
2.1	Adequate arrangements where generating set operates as a switched alternative to the public supply (551.6)				N/A
2.2	Adequate arrangements where generating set operates in parallel with the public supply system (551.7)				N/A
<b>3.0</b>	<b>AUTOMATIC DISCONNECTION OF SUPPLY</b>				
<b>3.1</b>	<b>Presence and adequacy of earthing and protective bonding arrangements</b>				
a)	Installation earth electrode (where applicable) (542.1.2.3)				N/A
b)	Earthing conductor and connections, including accessibility (542.3; 543.3.2)				✓
c)	Main protective bonding conductors and connections, including accessibility (411.3.1.2; 543.3.2)				✓
d)	Provision of safety electrical earthing / bonding labels at all appropriate locations (514.13)				✓
e)	RCD(s) provided for fault protection (411.4.9; 411.5.3)				✓
<b>4.0</b>	<b>BASIC PROTECTION</b>				
<b>4.1</b>	<b>Presence and adequacy of measures to provide basic protection (prevention of contact with live parts) within the installation:</b>				
a)	Insulation of live parts e.g. conductors completely covered with durable insulating material (416.1)				✓
b)	Barriers or enclosures e.g. correct lprating (416.2)				✓
<b>5.0</b>	<b>ADDITIONAL PROTECTION</b>				
<b>5.1</b>	<b>Presence and effectiveness of additional protection methods:</b>				
a)	RCD(s) not exceeding 30mA operating current (415.1; Part 7), see item 8.14 of this schedule				✓
b)	Supplementary bonding (415.2; Part 7)				N/A
<b>6.0</b>	<b>OTHER METHODS OF PROTECTION</b>				
<b>6.1</b>	<b>Presence and effectiveness of methods which give both basic and fault protection:</b>				
a)	SELV system, including the source and associated circuits (Section 414)				N/A
b)	PELV system, including the source and associated circuits (Section 414)				N/A
c)	Double or reinforced insulation i.e. Class II or equivalent equipment and associated circuits (Section 412)				N/A
d)	Electrical separation for one item of equipment e.g. shaver supply unit (Section 413)				N/A
<b>7.0</b>	<b>CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)</b>				
7.1	Adequacy of access and working space for items of electrical equipment including switchgear (132.12)				✓
7.2	Presence of linked main switch(es) (537.1.4; 537.1.5; 537.1.6)				N/A
7.3	Isolators, for every circuit or group of circuits and all items of equipment (537.2)				✓
7.4	Suitability of enclosures for IP and fire ratings (416.2; 421.1.6; 421.1.201)				✓
7.5	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.11)				✓
7.6	Confirmation that ALL conductor connections are correctly located in terminals and are tight and secure (526.1)				✓
7.7	Avoidance of heating effects where cables enter ferromagnetic enclosures e.g. steel (521.5)				✓
7.8	Selection of correct type and ratings of circuit protective devices for overcurrent and fault protection (411.3.2; 411.4. .5. .6; Sections 432, 433)				✓

All items inspected in order to confirm, as appropriate, compliance with the relevant clauses in BS 7671

Item No	Acceptable condition	tick	Not applicable	N/A	Description	Outcome
<b>7.9</b>	<b>Presence of appropriate circuit charts, warning and other notices</b>					
a)					Provision of circuit charts/schedules or equivalent forms of information (514.9)	✓
b)					Warning notice of method of isolation where live parts not capable of being isolated by a single device (514.11)	N/A
c)					Periodic inspection and testing notice (514.12.1)	✓
d)					RCD quarterly test notice, where required (5514.12.2)	✓
e)					Warning notice of non-standard (mixed) colours of conductors present (514.14)	✓
7.10					Presence of labels to indicate the purpose of switchgear and protective devices (514.1.1; 514.8)	✓
<b>8.0</b>	<b>CIRCUITS</b>					
8.1					Adequacy of conductors for current-carrying capacity with regard to type and nature of the installation (Section 523)	N/A
8.2					Cable installation methods suitable for the location(s) and external influences (Section 522)	✓
8.3					Segregation / separation of Band I (SELV) and Band II (LV) circuits, and electrical and non-electrical services (528)	✓
8.4					Cables correctly erected and supported throughout including escape routes, with protection against abrasion (Sections 521, 522)	N/A
8.5					Provision of fire barriers, sealing arrangements where necessary (527.2)	✓
8.6					Non-sheathed cables enclosed throughout in conduit, ducting or trunking (521.10.1; 526.8)	✓
8.7					Cables concealed under floors, above ceilings, in walls/partitions, adequately protected against damage (522.6.201, .202, .204)	✓
8.8					Conductors correctly identified by colour, lettering or numbering (Section 514)	✓
8.9					Presence, adequacy and correct termination of protective conductors (411.3.1.1; 543.1)	✓
8.10					Cables and conductors correctly connected, enclosed and with no undue mechanical strain (Section 526)	✓
8.11					No basic insulation of a conductor visible outside enclosure (526.8)	✓
8.12					Single-pole devices for switching or protection in line conductors only (132.14.1; 530.3.2)	✓
8.13					Accessories not damaged, securely fixed, correctly connected, suitable for external influences (134.1.1; 512.2; Section 526)	✓
<b>8.14</b>	<b>Provision of additional protection by RCD not exceeding 30mA</b>					
a)					Socket-outlets rated at 20A or less, unless exempt (411.3.3)	✓
b)					Mobile equipment with a current rating not exceeding 32 A for use outdoors (411.3.3)	✓
c)					Cables concealed in walls at a depth of less than 50mm (522.6.202, 203)	✓
d)					Cables concealed in walls / partitions containing metal parts regardless of depth (522.6.202; 522.6.203)	✓
<b>8.15</b>	<b>Presence of appropriate devices for isolation and switching correctly located including:</b>					
a)					Means of switching off for mechanical maintenance (537.3)	N/A
b)					Emergency switches (537.4)	N/A
c)					Functional switches for control of parts of the installation and current-using equipment (537.5)	N/A
d)					Firefighters switches (537.6)	N/A
<b>9.0</b>	<b>CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)</b>					
9.1					Equipment not damaged, securely fixed and suitable for external influences (134.1.1; 416.2; 512.2)	N/A
9.2					Provision of overload and/or undervoltage protection e.g. for rotating machines, if required (Sections 445, 552)	N/A
9.3					Installed to minimise the build-up of heat and restrict the spread of fire (421.1.4; 559.4.1)	N/A
9.4					Adequacy of working space. Accessibility to equipment (132.12; 513.1)	N/A
<b>10.0</b>	<b>LOCATION(S) CONTAINING A BATH OR SHOWER (SECTION 701)</b>					
10.1					30 mA RCD protection for all LV circuits, equipment suitable for the zones, supplementary bonding (where required) etc.	✓
<b>11.0</b>	<b>OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS</b>					
11.1					List all other special installations or locations present, if any (Record separately the results of particular inspections applied)	1
Locations	Bathroom					

<b>Inspected By</b>	
Name: Gareth Fraser	Date: 19/02/2017
Signature: 	

Board Details	
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 Above the entrance door within the flat.	Supply to distribution board is from N/A
Distribution board designation DB 1	No of phases N/A
	Nominal Voltage N/A V
	Overcurrent protective device for the distribution circuit Type BS(EN) N/A
	Rating N/A A
	Associated RCD (if any) BS(EN) N/A
	RCD No of Poles N/A
	RCD Rating N/A mA

Circuit Details													
Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection times	Overcurrent protective device				RCD	Max permitted Zs Ω
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A	Short circuit capacity kA		
1/S	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
2/S	Lighting bathroom,kitchen,lounge	A	100	5	1.5	1.0	0.4	60898 MCB	B	6	6	30	7.28
3/S	Radial boiler	A	100	1	2.5	1.5	0.4	60898 MCB	B	16	6	30	2.73
4/S	Rfc sockets bedroom	A	100	6	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37
5/S	Hob and single oven	A	100	2	6.0	2.5	0.4	60898 MCB	B	32	6	30	1.37
6/S	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/S	Smoke alarms	A	100	3	1.5	1.0	0.4	60898 MCB	B	6	0	30	7.28
8/S	Lighting bedroom and hall	A	100	5	1.5	1.0	0.4	60898 MCB	B	6	6	30	7.28
9/S	Shower	A	100	1	6.0	2.5	0.4	60898 MCB	B	32	6	30	1.37
10/S	Rfc sockets kitchen,lounge,dining room	A	100	10	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37

Wiring Code								
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

Board Tests				TEST INSTRUMENTS (SERIAL NUMBERS) USED						
ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION										
Zs	N/A	Ω	Operating times of associated RCD (if any)	At I Δ <sub>n</sub>	N/A	ms	Earth fault loop impedance	1536073	RCD	1536073
lpf	N/A	kA		At 5I Δ <sub>n</sub>	N/A	ms	Insulation resistance	1536073	Other	N/A
Correct supply polarity confirmed	<input checked="" type="checkbox"/>		Phase sequence confirmed (where appropriate)		N/A		Continuity	1536073	Other	N/A

**Details of circuits and/or equipment vulnerable to damage**

Insulation resistance of circuits was tested in accordance with regulation 612.3.3 on circuits where it was impracticable to disconnect the load, to prevent damage to electronic or sensitive equipment

Circuit number and phase	Circuit Impedances Ω					Insulation resistance				polarity	Maximum measured earth fault loop impedance Ω	RCD operating times			Remarks see continuation sheet
	Ring final circuits only (measure end to end)			All circuits (At least one column to be completed)		Live/Live	Live/Neutral	Live/Earth	Earth/Neutral			At I Δ <sub>n</sub>	At 5I Δ <sub>n</sub>	Test button operation	
	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1</sub> + R <sub>2</sub> )	(R <sub>2</sub> )	MΩ	MΩ	MΩ	MΩ			ms	ms		
1/S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2/S	N/A	N/A	N/A	0.86	N/A	N/A	Lim	>500	>500	✓	1.01	26.3	10.5	✓	NO
3/S	N/A	N/A	N/A	0.46	N/A	N/A	Lim	9.87	9.87	✓	lim	26.3	10.5	✓	NO
4/S	0.40	0.40	0.64	0.24	N/A	N/A	Lim	>500	>500	✓	0.39	26.3	10.5	✓	NO
5/S	N/A	N/A	N/A	0.39	N/A	N/A	Lim	>500	>500	✓	0.54	26.3	10.5	✓	NO
6/S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/S	N/A	N/A	N/A	0.43	N/A	N/A	Lim	>500	>500	✓	0.65	32.6	10.0	✓	NO
8/S	N/A	N/A	N/A	0.47	N/A	N/A	Lim	>500	>500	✓	0.62	32.6	10.0	✓	NO
9/S	N/A	N/A	N/A	0.19	N/A	N/A	Lim	>500	>500	✓	0.34	32.6	10.0	✓	NO
10/S	0.60	0.60	0.98	0.75	N/A	N/A	Lim	>500	>500	✓	0.86	32.6	10.0	✓	NO

**Tested By**

Signature		Position	Qualified supervisor
Name	Gareth Fraser	Date of testing	15/02/2017

Details Of Permitted Exceptions

None

## ELECTRICAL INSTALLATION CERTIFICATE GUIDANCE NOTES FOR RECIPIENTS

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with British Standard 7671:2008 (as amended) (The IET Wiring Regulations).

You should have received an 'original' Certificate and the contractor should have retained a duplicate Certificate. If you were the person ordering the work, but not the owner of the installation, you should pass this Certificate, or a full copy of it including the schedules, immediately to the owner.

The "original" Certificate should be retained in a safe place and be shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this Certificate will demonstrate to the new owner that the electrical installation complied with the requirements of British Standard 7671 at the time the Certificate was issued. The Construction (Design and Management) Regulations require that, for a project covered by those Regulations, a copy of this Certificate together with schedules, is included in the project health and safety documentation.

For safety reasons, the electrical installation will need to be inspected at appropriate intervals by a skilled person or persons competent in such work. The maximum time interval recommended before the next inspection is stated on page 2 under "Next Inspection".

This Certificate is intended to be issued only for a new electrical installation or for new work associated with an alteration or addition to an existing installation. It should not have been issued for the inspection of an existing electrical installation. An "Electrical Installation Condition Report" should be issued for such an inspection.

The certificate is only valid if accompanied by the Schedule of Inspections and the Schedule(s) of Test Results.

**These notes are based on those seen in Appendix 6 BS 7671:2008 (as amended)**