

This safety certificate is an important and valuable document which should be retained for future reference

# ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations by a Domestic Installer enrolled with NICEIC, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable LU5 5ZX

## DETAILS OF THE CLIENT

Client and address  
**FAO : Mrs H. Hodgins**  
**88 Dingwall Drive**  
**Greasby**  
**Wirral**

Mrs Hodgins **677 2024**  
Mrs Burke **722 7078**

Postcode **CH49 1SQ**

## ADDRESS OF THE INSTALLATION

Installation address  
**Deutsche Kirche**  
**Bedford Street**  
**Liverpool**

Postcode

## DETAILS OF THE INSTALLATION

Extent of the installation work covered by this certificate

**Rewire of Church**

The installation is

New

An addition

An alteration

## DESIGN, CONSTRUCTION, INSPECTION AND TESTING

I / We, being the person(s) responsible for the design, construction, inspection and testing of the electrical installation (as indicated by my / our signature adjacent), particulars of which are described above, having exercised reasonable skill and care when carrying out the design, construction, inspecting and testing, hereby CERTIFY that the said work for which I / We have been responsible is, to the best of my / our knowledge and belief, in accordance with BS7671, 2001 amended to 2004 except for the departures, if any, detailed as follows:

Details of departures from BS7671, as amended (Regulations 120-01-03, 120-02)

**None**

The extent of liability of the signatory is limited to the work described above as the subject of this certificate. For the DESIGN, the CONSTRUCTION and the INSPECTION AND TESTING of the installation.

Signature \_\_\_\_\_ Name \_\_\_\_\_ Date **Date**  
(CAPITALS)

The results of the inspection and testing reviewed by the **Qualified Supervisor**

Signature \_\_\_\_\_ Name \_\_\_\_\_ Date **Date**  
(CAPITALS)

## PARTICULARS OF THE ELECTRICAL CONTRACTOR

Trading Title **Allerton-EPS**

Address **184 Mather Avenue**  
**Allerton**  
**Liverpool**

Tel **0151 729 0095**  
Mobile **07944 296135**  
Postcode **L18 7HD**

NIC Enrolment No (essential information) **1 0 5 6 7 5**

## NEXT INSPECTION

\$ - Enter interval in terms of years, months or weeks, as appropriate

I RECOMMEND that this installation is further inspected and tested after an interval of not more than **5 years**

## COMMENTS ON EXISTING INSTALLATION

Note: Enter 'None' or where appropriate, the page number(s) of additional page(s) of comments on the existing installation

**Current usage has the Petrol Lawnmower stored in the switch room - this isn't ideal - but there is little place to put it elsewhere.**

## SCHEDULE OF ADDITIONAL RECORDS

See attached schedule

\* Where the electrical work to which this certificate relates includes the installation of a fire alarm system and / or an emergency lighting system (or a part of such systems) this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s)

## NOTES FOR RECIPIENT

This certificate is not valid  
if the serial number has  
been defaced or altered

**DCP3/ 20070705**

### THIS SAFETY CERTIFICATE IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE REFERENCE

**IF YOU WERE THE PERSON ORDERING THE WORK, BUT NOT THE OWNER OR USER OR THE INSTALLATION, YOU SHOULD PASS THIS CERTIFICATE, OR A FULL COPY OF IT INCLUDING THESE NOTES, IMMEDIATELY TO THE OWNER OR USER OF THE INSTALLATION.**

**This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected, tested and verified in accordance with the national standard for the safety of electrical installations, British Standard 7671 (as amended) - *Requirements for Electrical Installations* ( the IEE Wiring Regulations ).**

**Where, as will often be the case, the installation incorporates a residual current device (RCD), there should be a notice at or near the consumer unit stating that the device should be tested at quarterly intervals. For safety reasons, it is important that you carry out the test regularly.**

**Also for safety reasons, the complete electrical installation will need to be inspected and tested at appropriate intervals by a competent person. The NICEIC\* recommends that you engage the services of an Approved Contractor for this purpose.**

**The maximum interval recommended before the next inspection is stated on Page 1 under Next Inspection. There should also be a notice at or near the consumer unit indicating when the inspection of the installation is next due.**

Only the NICEIC Approved Contractor or Conforming Body responsible for the construction of the electrical installation is authorised to issue this NICEIC certificate.

The Electrical Installation Certificate consists of at least three pages. The certificate is invalid if the second or third pages ( containing schedules ) are missing. The certificate has a printed seven-digit serial number which is traceable to the Approved Contractor to which it was supplied.

This certificate is intended to be issued only for the initial certification of a new electrical installation, or for new work associated with an alteration or addition to an existing electrical installation, in a single dwelling ( house or individual flat ). For new electrical installation work in other than a single dwelling, a full Electrical Installation Certificate should have been issued.

This certificate should not have been issued for reporting on the condition of an existing electrical installation. A Periodic Inspection Report or an Electrical Installation Periodic Inspection Report should be issued for such an inspection.

You should have received the certificate marked 'Original' and the Approved Contractor should have retained the certificate marked 'Duplicate'.

**The 'Original' certificate should be kept in a safe place and shown to any person inspecting or undertaking work on the electrical installation in the future. If you later vacate the property, this certificate will demonstrate to the new owner or user that the electrical installation work complied with the requirements of the national electrical safety standard at the time the certificate was issued.**

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Page 1 of this certificate provides details of the electrical installation, together with the names and signatures of the persons certifying the installation work and reviewing the results of inspection and testing on behalf of the Approved Contractor responsible for the work, details of which are also given on that page.

Certification provides an assurance that the electrical installation work has been fully inspected and tested, and that the work has been carried out in accordance with the requirements of BS 7671 ( except for any departures recorded in the appropriate part of the certificate ).

All unshaded boxes should have been completed either by the insertion of the relevant details or by entering 'N/A', meaning 'Not Applicable', where appropriate.

Where the electrical work to which this certificate relates includes the provision of a mains-powered fire detection and alarm system ( such as one or more smoke alarms), this electrical safety certificate must be accompanied by a separate certificate for that system in accordance with British Standard 5839: Part 6 - *Code of Practice for the design and installation of fire detection and alarm systems in dwellings*.

Should the person ordering the work ( eg the client, as identified on Page 1 of this certificate) have reason to believe that any element of the electrical work for which the Approved Contractor has accepted responsibility ( as indicated by the signature(s) on this certificate) does not comply with the requirements of the national electrical safety standard (BS7671), the person should in the first instance raise the specific concerns in writing to the Approved Contractor. If the concerns remain unresolved, the client may make a formal complaint to NICEIC, for which purpose a standard complaint form is available on request.

The complaints procedure offered by NICEIC is subject to certain terms and conditions, full details of which are available upon application and from the website\*. NICEIC does not investigate complaints relating to the operational performance of electrical installations (such as lighting levels), or contractual or commercial issues ( such as time or cost ).

\* "NICEIC" is a trading name of NICEIC Group Limited, a wholly owned subsidiary of the Electrical Safety Council. Under licence from The Electrical Safety Council, NICEIC acts as the electrical contracting industry's independent voluntary regulatory body of electrical installation safety matters throughout the UK, and maintains and publishes registers of electrical contractors that it has assessed against particular scheme requirements ( including the technical standard of electrical work )

For Further information about electrical safety and how NICEIC can help you  
visit [www.niceic.com](http://www.niceic.com)

# ELECTRICAL INSTALLATION CERTIFICATE

SUPPLY CHARACTERISTICS		Tick boxes and enter details, as appropriate		Nature of supply parameters		Characteristics of primary supply overcurrent protection device(s)	
System type(s)		Number and type of live conductors		Notes: (1) by enquiry, (2) by enquiry or by measurement, (3) where more than one supply, record the higher or highest values		BS(EN) <b>3036</b>	
TN-S	<input checked="" type="checkbox"/>	1-phase (2 wire)	-	Nominal voltage(s) $U^{(1)}$	<b>230 V</b>	$U_0^{(1)}$	<b>230 V</b>
TN-C-S	<input type="checkbox"/>	1-phase (2 wire)	-	Nominal frequency $f^{(1)}$	<b>50 Hz</b>	Prospective fault current $I_{pf}^{(2)(3)}$	<b>2.24 kA</b>
TT	<input type="checkbox"/>	1-phase (3 wire)	-	External earth fault loop impedance $Z_e^{(1)}$	<b>0.80 <math>\Omega</math></b>	Type	-
		Other <small>Please state</small>	<b>3 phase</b>			Nominal current rating	<b>100 A</b>
						Short-circuit capacity	-

PARTICULARS OF INSTALLATION AT THE ORIGIN				Tick boxes and enter details, as appropriate		Main switch or circuit-breaker	
Means of Earthing		Details of installation earth electrode ( where applicable )		Measured $Z_e$		BS(EN) <b>60947-3</b>	
Distributor's Facility	<input checked="" type="checkbox"/>	Type (eg rod(s), tape etc)	-	Location	-	Maximum demand (Load)	-
Installation earth electrode	<input type="checkbox"/>	Electrode resistance, $R_A$	-	Method of measurement	-	Number of smoke alarms	<b>1</b>
Earthing conductor		Main equipotential bonding conductors and bonding of extraneous-conductive-parts <input checked="" type="checkbox"/>		Voltage rating		A per phase	
Conductor material	<b>COPPER</b>	Conductor material	<b>COPPER</b>	Water service	<input checked="" type="checkbox"/>	Oil service	-
Conductor csa	<b>16 mm<sup>2</sup></b>	Conductor csa	<b>10 mm<sup>2</sup></b>	Gas service	<input type="checkbox"/>	Other incoming service(s)	-
	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

SCHEDULE OF ITEMS INSPECTED			Tick boxes and enter details, as appropriate		General	
Methods of protection against electric shock	Prevention of mutual detrimental influence	Identification ( contd )				
<input checked="" type="checkbox"/> Insulation of live parts, and barriers or enclosures	<input checked="" type="checkbox"/> Proximity of non-electrical services and other influences	<input checked="" type="checkbox"/> Labelling of protective devices switches and terminals			<input checked="" type="checkbox"/> Presence and correct location of appropriate devices for isolation and switching	
<input checked="" type="checkbox"/> Presence of RCD(s) for supplementary protection against direct contact and/or protection against indirect contact	<input type="checkbox"/> Segregation of Band I and Band II circuits or Band II insulation used	<input checked="" type="checkbox"/> Identification of conductors			<input checked="" type="checkbox"/> Adequacy of access to switchgear and other equipment	
<input checked="" type="checkbox"/> Presence of earthing conductor and circuit protective conductors	<input checked="" type="checkbox"/> Electrical separation	Cables and conductors				<input type="checkbox"/> Particular protective measures for special installations and locations
<input checked="" type="checkbox"/> Presence of main equipotential equipotential bonding conductors	Identification		<input checked="" type="checkbox"/> Routing of cables in prescribed zones or within mechanical protection			<input checked="" type="checkbox"/> Connection of single-pole devices for protection or switching in phase conductors only
<input type="checkbox"/> Presence of supplementary equipotential bonding conductors	<input checked="" type="checkbox"/> Presence of diagrams, instructions, circuit charts and similar information	<input checked="" type="checkbox"/> Erection methods	<input checked="" type="checkbox"/> Connection of conductors			<input checked="" type="checkbox"/> Correct connection of accessories and equipment
<input type="checkbox"/> Class II fixed equipment	<input checked="" type="checkbox"/> Presence of danger notices	<input checked="" type="checkbox"/> Selection of conductors for current-carrying capacity and voltage drop	<input checked="" type="checkbox"/> Erection methods			<input checked="" type="checkbox"/> Choice and settings of protective devices ( for protection against indirect contact and/or overcurrent )
<input type="checkbox"/> SELV	<input checked="" type="checkbox"/> Presence of other warning notices, including presence of mixing wiring colours	<input checked="" type="checkbox"/> Presence of fire barriers, suitable seals and protection against thermal effects	<input checked="" type="checkbox"/> Presence of fire barriers, suitable seals and protection against thermal effects			<input checked="" type="checkbox"/> Selection of equipment and protective measures appropriate to external influences

SCHEDULE OF ITEMS TESTED			Tick boxes and enter details, as appropriate	
<input checked="" type="checkbox"/> External earth fault loop impedance, $Z_e$	<input checked="" type="checkbox"/> Continuity of protective conductors	<input checked="" type="checkbox"/> Insulation resistance between live conductors		
<input checked="" type="checkbox"/> Installation earth electrode resistance, $R_A$	<input checked="" type="checkbox"/> Continuity of ring final circuit conductors	<input checked="" type="checkbox"/> Insulation resistance between live conductors and earth		
		<input checked="" type="checkbox"/> Polarity		

Original ( To the person ordering the work )

† All boxes must be completed. ✓ indicates that an inspection has been carried out and that the result was satisfactory. N/A indicates that an inspection or test was not applicable to the particular installation.

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### ADDITIONAL RECORDS

#### ADDITIONAL NOTES ON EXISTING INSTALLATION

Organ Light cannot have passed a PAT test.

#### DETAILS OF ANY DEPARTURES

There are no departures to the 16th Edition Wiring Regulations



**ELECTRICAL INSTALLATION CERTIFICATE**

CIRCUIT DETAILS													TEST RESULTS																				
Circuit Designation (For Distribution Circuits, insert 'D') (use the word "Ring" where appropriate)		Type of Wiring (see code)	Reference Method (see Appendix 4 of BS7671)	Number of Points Served	Circuit Conductors (csa)		Max Disconnection Time permitted by BS7671	Overcurrent Protective Device				RCD		Circuit Impedances				Insulation Resistance				RCD Operation				Remarks							
Designation	Position - counting from Isolator			live	cpc	BS (EN)		Type	Rating Amps	Capacity kA	Operating Current mA	Maximum $Z_s$ permitted by BS7671 $\Omega$	Ring Circuits only measured end to end		All Circuits		Phase Neutral / Earth	Phase / Neutral	Phase / Earth	Neutral / Earth	Polarity	Earth Loop Impedance $Z_s$	1/2	X1 (30mA)	x5		Push button	Maximum Demand					
		2	3	4	5	6	7	8	9	10	11	12	13	$r_1$ phase $\Omega$	$r_n$ neutral $\Omega$	$r_2$ cpc $\Omega$	$R_1 + R_2$ $\Omega$	$R_2$ $\Omega$	M $\Omega$	M $\Omega$	M $\Omega$	M $\Omega$		$\Omega$					23	24			
<b>DB5 RCD Dist Board</b>					25	16																											
1	Socket Ring in Back Hall	B	3	1	2.5	1.5	0.4	BS EN 60898	B	32	6		1.50	0.65	0.64	0.63	0.38	-	>199	>199	>199	>199	✓	0.67									
2	Kitchen Sockets DB4	B	3	1	4	2.5	0.4	BS EN 60898	B	32	6	30	1.50				0.16	-	>199	>199	>199	>199	✓	0.54	✓	8	6	✓			Little White Consumer Board to the right of the DB1 ( main board ).		
3	Cooker	B	3	1	4	1.5	5	BS EN 60898	B	32	6		1.50				0.13	-	69	>199	106	127	✓	0.48									
4	Sockets	B	3	1	2.5	1.5	0.4	BS EN 60898	B	16	6		3.00				0.85	-	>199	>199	>199	>199	✓	0.38									
<b>DB2 VESTRY Dist Board</b>					16	6																											
1	Socket Ring	BH	3	3	2.5	2.5	0.4	BS 1361		30			1.20	0.28	0.24	0.07	0.08	-	6.85	21.6	22.2	7.84	✓	0.31	✓	23	19	✓			RCD values apply to the RCD Socket under alarm panel		
2	Nearest Heater	B	3	1	2.5	2.5	5	BS 1361		15			5.22				0.73	-	>199	>199			✓	0.32									
3	Middle Heater	B	3	1	2.5	2.5	5	BS 1361		15			5.22				0.84	-	8.98	>199	>199	8.07	✓	0.40									
4	Furthest Heater	B	3	1	2.5	2.5	5	BS 1361		15			5.22				1.80	-	>199	>199			✓	0.42									
<b>DB3 BACK HALL Dist Board</b>					4	MET																											
BR 1	Left 6KW Heater	C	3	1	4	2.5	5	BS 1361		30			1.92				0.07	-	-	>199	162	43	✓	0.29									
BL 2	3KW Heaters	C	3	2	4	2.5	5	BS 1361		30			1.92				0.15	-	-	142	160	43	✓	0.25									
GR 3	Right 6KW Heater	C	3	1	4	2.5	5	BS 1361		30			1.92				0.25	-	-	>199	62	43	✓	0.24									
<b>DB4 KITCHEN Dist Board</b>					4	2.5																											
1	Kitchen Socket Ring	B	3	4	2.5	2.5	0.4	BS 1361		30		30	1.92	0.14	0.13	0.24	0.09	-	>199	>199	>199	>199		0.54	✓	8	6	✓					

TEST INSTRUMENTS							
Test instrument's ( serial numbers ) used							
Insulation Resistance	Beha, Unitest 0100 DT E0196XJ	Continuity	Beha, Unitest 0100 DT E0196XJ	Earth electrode resistance	Beha, Unitest 0100 DT E0196XJ	Earth fault loop impedance	Beha, Unitest 0100 DT E0196XJ
						RCD	Beha, Unitest 0100 DT E0196XJ

This form is based on the model Electrical Installation Certificate shown in Appendix 6 of BS7671 ( as amended ) - As laid out the Electrical Safety Council ( July 2006 )

\* - See notes on schedule of test results

Allerton-EPS

TYPE OF WIRING						
A	B	C	D	E	F	G
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
O - ( Other - Please Specify )						