This certificate is not valid if the serial number has been defaced or altered **DCN6C/ 00737727**

APPROVED CONTRACTOR

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

DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations* by an Approved Contractor or Conforming Body enrolled with NICEIC, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable LU5 5ZX

Original (To the person ordering the work)

DETAILS OF THE CLIENT

Client and address: n/a
1 Brudenell
Orton Goldhay
Peterborough
Northamptonshire
Postcode PE25SX

ADDRESS OF THE INSTALLATION

Installation address: n/a
1 Brudenell
Orton Goldhay
Peterborough
Northamptonshire
Postcode PE25SX

DETAILS OF THE INSTALLATION

Extent of the installation work covered by this certificate: supply and fit new 17th edition consumer unit

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, inspection 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 BS 7671, 17th Edition amended to 2013-2 (date) except for the departures, if any, detailed as follows:

Details of departures from BS 7671, as amended (Regulations 120.3, 133.5)

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 (CAPITALS) DEAN BROWN Date 18/12/2015

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

Signature  Name (CAPITALS) DEAN BROWN Date 18/12/2015

PARTICULARS OF THE APPROVED CONTRACTOR

Trading title: Browns Group Limited

Address: 22 Phorpres Close
Hampton

Telephone No n/a Postcode PE7 8FZ

NICEIC Enrolment No (Essential information) 6 0 5 8 2 0 Branch No (if applicable) 0 0 0

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 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

None

In the case of an alteration or additions see Section 633 of BS 7671

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)*

This certificate is based on the model form shown in Appendix 6 of BS 7671.

Please see the 'Notes for Recipients' on the reverse of this page.

Check your certificate is genuine, go to www.checkmyniceiccert.com and put in the certificate number <http://www.checkmyniceiccert.com>

NOTES FOR RECIPIENT

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

The Domestic 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 for either 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. An Electrical Installation Condition Report or, where appropriate, a Domestic Electrical Installation Condition 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.

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 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, installation and maintenance of fire detection and fire alarm systems in dwellings*.

Should the person ordering the work (e.g. 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 signatures on this certificate) does not comply with the requirements of the national electrical safety standard (BS 7671), the person should in the first instance raise the specific concerns in writing with 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 to contractual or commercial issues (such as time or cost).

** NICEIC is a part of the Ascertiva Group, a wholly owned subsidiary of The Electrical Safety Council. Under license from The Electrical Safety Council, NICEIC acts as the electrical contracting industry's independent voluntary body for 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

NICEIC APPROVED CONTRACTOR

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DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

Original (To the person ordering the work)

SUPPLY CHARACTERISTICS

Tick boxes and enter details, as appropriate

System type(s)

TN-S	✔
TN-C-S	N/A
TT	N/A

Number and type of live conductors

1-phase (2-wire)	N/A	1-phase (3-wire)	✔
3-phase (3-wire)	N/A	3-phase (4-wire)	N/A
Other	Please state		

Nature of supply parameters *Notes: (1) by enquiry (2) by enquiry or by measurement (3) where more than one supply, record the higher or highest values*

Number of sources	1	Nominal voltage(s) $U^{(1)}$	N/A V	Nominal frequency, $f^{(1)}$	50 Hz
		$U_o^{(1)}$	230 V	External earth fault loop impedance, $Z_e^{(1)}$	0.30 Ω

Single-phase Prospective fault current, $I_{pf}^{(2)(3)}$ .826 kA **3-phase** Prospective fault current, $I_{pf}^{(2)(3)}$ N/A kA

Characteristics of primary supply overcurrent protective device(s)

BS(EN)	1361	Short-circuit capacity	16 kA
Type	2	Confirmation of polarity	✔ ✓
Rated current	80 A		

PARTICULARS OF INSTALLATION AT THE ORIGIN

Tick boxes and enter details, as appropriate

Means of earthing

Distributor's facility	✔
Installation earth electrode	N/A

Details of installation earth electrode (where applicable)

Type (eg rod(s), tape etc)	N/A	Location	
Electrode resistance, R_A	Ω	Method of measurement	

Protective measure(s) for fault protection	ADS	Measured Z_e	Ω
		Maximum demand (Load)	kVA/ Amps
		Delete as appropriate	
		Number of smoke alarms	4 ‡

Main switch or circuit-breaker

Type BS(EN)	60947-2	Voltage rating	230 V
No of poles	2	Rated current, I_n	100 A
Supply conductors material	copper	RCD operating current, $I_{\Delta n}$*	N/A mA
Supply conductors csa	16 mm²	RCD operating time (at $I_{\Delta n}$) *	N/A ms

**** applicable only where an RCD is used as a main circuit-breaker***

Earthing conductor

Conductor material	copper		
Conductor csa	10 mm²	Continuity/ connection verified	✔ ✓

Main protective bonding conductors and bonding of extraneous-conductive-parts (✓)

Continuity/ connection verified	✔ ✓	Conductor material	copper	Conductor csa	10 mm²	Water service	✔
Location (where not obvious)						Oil service	N/A
						Gas service	✔
						Structural steel	N/A
						Other incoming service(s)	N/A

SCHEDULE OF ITEMS INSPECTED

† *See note below*

Protective measures against electric shock

Basic and fault protection

Extra-low voltage

✔ SELV

Double or reinforced insulation

✔ Double or reinforced insulation

Basic protection

✔ Insulation of live parts

✔ Barriers or enclosures

Fault protection

Automatic disconnection of supply

✔ Presence of earthing conductor

✔ Presence of circuit protective conductors

✔ Presence of main protective bonding conductors

✔ Presence of adequate arrangements for other source(s), where applicable

✔ Choice and setting of protective devices (for fault protection and/or overcurrent)

Electrical separation

✔ For **one** item of current-using equipment

Additional protection

✔ Presence of residual current device(s)

✔ Presence of supplementary bonding conductors

Prevention of mutual detrimental influence

✔ Proximity of non-electrical services and other influences

✔ Segregation of Band I and Band II circuits or Band II insulation used

✔ Segregation of safety circuits

Identification

✔ Presence of diagrams, instructions, circuit charts and similar information

✔ Presence of danger notices

✔ Presence of other warning notices, including presence of mixed wiring colours

✔ 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

Cables and conductors *(cont)*

✔ Routing of cables in prescribed zones

✔ Cables incorporating earthed armour or sheath, or run in an earthed wiring system, or otherwise adequately protected against nails, screws and the like

✔ Additional protection by 30 mA RCD (where required, in premises not under the supervision of a skilled or instructed person)

✔ 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

✔ 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

✔ Selection of equipment and protective measures appropriate to external influences

✔ Selection of appropriate functional switching devices

SCHEDULE OF ITEMS TESTED

✔ External earth fault loop impedance, Z_e

✔ Installation earth electrode resistance, R_A

✔ Continuity of protective conductors

✔ Continuity of ring final circuit conductors

✔ Insulation resistance between live conductors

✔ Insulation resistance between live conductors and earth

✔ Polarity

✔ Earth fault loop impedance, Z_s

✔ Verification of phase sequence

✔ Operation of residual current device(s)

✔ Functional testing of assemblies

✔ Verification of voltage drop

†*See note below*

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

‡ *Where a smoke alarm has been installed, separate certification is required on the appropriate form.*

This certificate is based on the model form shown in Appendix 6 of BS 7671.

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DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

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CIRCUIT DETAILS

TEST RESULTS

Circuit number	Circuit designation * To be completed only where this consumer unit is remote from the origin of the installation. Record details of the circuit supplying this consumer unit in the bold box.	Type of wiring (see code)	Reference method (see Appendix 4 of BS 7671)	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Overcurrent protective devices Type	Overcurrent protective devices Rating (A)	Overcurrent protective devices Short-circuit capacity (kA)	RCD Operating current $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)	Circuit impedances (Ω) Ring final circuits only (measured end to end) r_1 (Line)	r_n (Neutral)	r_2 (cpc)	All circuits (At least one column to be completed) $(R_1 + R_2)$	R_2	Insulation resistance Line/Line (MΩ)	Line/Neutral (MΩ)	Line/Earth (MΩ)	Neutral/Earth (MΩ)	Polarity (✓)	Maximum measured earth fault loop impedance, Z_s (Ω)	RCD operating times at $I_{\Delta n}$ (ms)	RCD operating times at 5 $I_{\Delta n}$ (if applicable) (ms)	RCD Test button operation (✓)
*																											
1	RCD 61008 Main Switch											30														21.0	17.2	
1.1	Cooker	A	C	1	6	4	5	60898	B	32	10	N/A	1.44	N/A	N/A	N/A	0.06	N/A	N/A	200	200	200	✔	0.36	21.0	17.2	
1.2	Sockets	A	C	6	2.5	1.5	0.4	60898	B	32	10	30	1.44	0.34	0.36	0.61	0.23	N/A	N/A	200	200	200	✔	0.43	21.0	16.3	
1.3	Boiler	A	C	1	2.5	1	0.4	60898	B	16	10	30	2.88	N/A	N/A	N/A	0.13	N/A	N/A	200	200	200	✔	0.43	21.0	17.2	
1.4	Lights downstairs	A	C	5	1	1	0.4	60898	B	6	10	30	7.66	N/A	N/A	N/A	0.59	N/A	N/A	200	200	200	✔	0.89	21.0	17.2	
1.5	SPARE	A	C		2.5	1.5	0.4	60898	B	32	10		1.44														
2	RCD 61008 Main Switch											30											✔		23.4	16.3	
2.1	Shower	A	C	1	4	2.5	0.4	60898	B	32	10	30	1.44	N/A	N/A	N/A	0.10	N/A	N/A	200	200	200	✔	0.40			
2.2	Sockets General	A	C	11	2.5	1.5	0.4	60898	B	32	10	30	1.44	0.29	0.28	0.47	0.19	N/A	N/A	200	200	200	✔	0.41	23.4	16.3	
2.3	Lights upstairs	A	C	8	1	1	0.4	60898	B	6	10	30	7.66	N/A	N/A	N/A	0.94	N/A	N/A	200	200	200	✔	1.24	23.4	16.3	
2.4	SPARE	A	C		2.5	1.5	0.4	60898	B	32	10		1.44														
2.5	SPARE	A	C		1.5	1	0.4	60898	B	6	10		7.66														

CODES FOR TYPE OF WIRING

A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic/ SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

Location of consumer unit: Bottom of stairs

Designation of consumer unit: Dual RCD 5+5 - MCB type B

Prospective fault current at consumer unit: .826 kA

TEST INSTRUMENTS

Test instruments (serial numbers) used

Multi-function: | Insulation resistance: | Continuity: | Earth electrode resistance: | Earth fault loop impedance: | RCD: