

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with British Standard BS7671 - Requirements for Electrical Installations by an Approved Contractor or Competing Body certified with NICEIC, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable LU5 3DQ. (FOR A SINGLE DWELLING)

A. DETAILS OF THE CLIENT

Client: MR ANDREW TAYLOR
BRIGHTER LIVING

Address: 2 WEST STREET
EGTON
NORTHAMPTON

Postcode: NN4 0QF

B. PURPOSE OF THE REPORT

Purpose for which this report is required:

TO CHECK THE SAFETY OF THE ELECTRICAL INSTALLATION PRIOR TO LETTING.

Date on which inspection and testing were carried out:

C. DETAILS OF THE INSTALLATION

Occupier:

N/A

Address:

77 ABBEY ROAD
NORTHAMPTON

Estimated age of the electrical installation:

24 years

Evidence of alterations or additions:

✓

If yes, estimated age

7 years

Date of previous inspection:

2008.

Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No:

0032886.

Records of installation available:

✓

Records held by: ANDREW TAYLOR.

Postcode: NN4 8EY

D. EXTENT OF THE INSTALLATION AND LIMITATIONS ON THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

ALL CIRCUITS TESTED.

Agreed limitations including the reasons, if any, on the inspection and testing:

NO L-N OR N-E INSULATION RESISTANCE TESTS
NO GFT OR JOINT INSPECTIONS.
25 MEASUREMENT AS NEAR TO GND OF CIRCUIT AS POSSIBLE.

Agreed with:

Operational limitations including the reasons (see page No. N/A)

N/A.

The inspection and testing have been carried out in accordance with BS 7671, as amended. Cables concealed within trunking and conduits or cables and conduits concealed under floors, in inaccessible roof spaces and generally within the fabric of the building or underground, have not been visually inspected.

E. SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety):

THIS INSTALLATION WAS DESIGNED AND CONSTRUCTED TO AN EARLIER REGULATION. IT DOES NOT COMPLY TO THE LATEST REGULATIONS. (17th ED ANGL) ALSO THERE ARE SIGNS OF WEAR AND TEAR AND DY WORK ALONG ROAD INTERFAC. SEC. F OF THIS REPORT.

Summary of the condition of the installation contained on additional pages? No ✓ Yes N/A (Specify page No.) N/A

Overall assessment of the installation:

UNSATISFACTORY / UNSATISFACTORY (Delete as appropriate)

An 'unsatisfactory' assessment indicates that dangers and/or potentially dangerous conditions have been identified

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F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations at D:

There are all items adversely affecting electrical safety: **NA** or The following observations and recommendations for action are made:

Item No	Observations	Classification code†	Further investigation required (Y or N)
1	NO EVIDENCE OF WATER BOND (DMV)	C2	—
2	POOR CONNECTIONS TO BATH LIGHT	C2 FI	—
3	BROKEN DOUBLE SOCKET IN LIVING ROOM	C2	—
4	NO RCD PROTECTION FOR LIGHTING CIRCUITS	C3	—
5	NO RCD PROTECTION FOR COOKED CIRCUI.	C3	—
6	NO SPARE WHYS.	C3	—

Additional pages? No. / Yes	Specify page No(s)	Immediate remedial action required for items	Urgent remedial action required for items	Further investigation required for items	Improvement recommended for items
—	NA	—	NA	—	—
—	—	—	1.2.3.	2	4.5.6

Please see the reverse of this page for guidance regarding the Classification codes.

G. DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see D), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see F) and the attached schedules (see H), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see D).

I/We further declare that in my/our judgement, the said installation was overall in **unsatisfactory-unsatisfactory***

condition (see F) at the time the inspection was carried out, and that it should be further inspected as recommended (see I).

*Unless appropriate

INSPECTION, TESTING AND ASSESSMENT BY:

Signature: *[Signature]*
 Name (CAPITALS): **A BOUTER**
 Position: **CS**
 Date: **8-8-2012**
 REPORT REVIEWED AND CONFIRMED BY:
 Signature: *[Signature]*
 Name (CAPITALS): **A BOUTER**
 (Registered Qualified Supervisor for the Approved Contractor at J)
 Date: **8-8-2012**

H. SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspections: Page(s) No 4, 5, 6

Additional pages, including data sheets for: Page No(s) **NA**

Schedule of Circuit Details for the Installation: Page No(s) **7 NA**

Schedule of Test Results for the Installation: Page No(s) **7 NA**

The pages identified are an essential part of this report. The report is valid only if accompanied by all the schedules and additional pages identified above.

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I. NEXT INSPECTION

We recommend that this installation is further inspected and tested after an interval of not more than:

5 (FIVE) YEARS

(Enter interval in terms of years or months, as appropriate)

provided that any items at F which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or require further investigation are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see F).

J. DETAILS OF NICEIC APPROVED CONTRACTOR

Trading title: **NTEST LTD**

Address: **10 HARRIS CLOSE
WOOTTON FIELDS
NORTHAMPTON**

Telephone number: **01604 700076**

Email address: **NTEST@STEWART.COM**



Enrolment number:

(General information)

040480

Branch number:

(if applicable)

Postcode: **NN4 6AD**

K. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type(s):

	N.C.	Number and type of live conductors	Other (less star)
TNS	<input checked="" type="checkbox"/>	1-phase (2-wire) <input checked="" type="checkbox"/>	
TNCS	<input checked="" type="checkbox"/>	1-phase (3-wire) <input checked="" type="checkbox"/>	
TT	<input checked="" type="checkbox"/>	2-phase (2-wire) <input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>	3-phase (3-wire) <input checked="" type="checkbox"/>	

Nature of supply parameters

Nominal voltage(s) V _n	230 V
Frequency, f _n Hz	50 Hz
Prospective fault current, I _{pf} kA	1.25 kA
External earth loop impedance, Z _s Ω	0.19 Ω
U ₀ V	230 V
Number of phases	1

Characteristics of primary supply overcurrent protective device(s)

BS/EN	B361
Type	II
Rated current	30 A
Short-circuit capacity	33 kA
Confirmation of supply polarity	<input checked="" type="checkbox"/>

L. PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of earthing

Distributor's facility:	<input checked="" type="checkbox"/>	Type: (eg rods, tapes etc)	
Installation earth electrode:	<input checked="" type="checkbox"/>	Electrode resistance, R _e Ω	---

Details of installation earth electrode (where applicable)

Location:	---
Method of measurement:	---

Main switch or circuit-breaker

Type BS/EN	609473	Voltage rating	230 V
No. of poles	2	Rated current, I _n A	100 A
Primary supply conductor (material)	Copper	RCD operating current, I _{Δn} mA	30 mA
Primary supply conductor (size)	25 mm²	Rated time delay	--- ms
		RCD operating time (at I _{Δn}) ms	--- ms

Earthing conductor

Conductor material	Copper
Conductor size	16 mm²
Connection continuity verified	<input checked="" type="checkbox"/>

Main protective bonding conductors

Conductor material	Copper
Conductor size	10 mm²
Connection continuity verified	<input checked="" type="checkbox"/>

Earthing and protective bonding conductors

Wear service	C2	Gas service	<input checked="" type="checkbox"/>
Oil service	---	Structural steel	---
Lightning protection	---	Other incoming services	---

* Applicable only where an RCD is provided and is used as a main switch/breaker



APPROVED
CONTRACTOR

DPN5/ 0702380

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DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

SCHEDULE OF INSPECTIONS

Item Description	Outcome* Location reference	Item Description	Outcome* Location reference
1.0 Condition/adequacy of distributor's supply inlets/equipment		4.0 Consumer unit(s)	
1.1 Service cable	✓	4.1 Adequacy of working space or access to consumer unit	✓
1.2 Service cut-out/switch	✓	4.2 Security of fitting	✓
1.3 Meter tails - distributor	✓	4.3 Condition of enclosure(s) in terms of IP rating	✓
1.4 Meter tails - consumer	✓	4.4 Condition of enclosure(s) in terms of fire rating	✓
1.5 Metering equipment	✓	4.5 Enclosure not damaged/deteriorated so as to impair safety	✓
1.6 Means of main isolation (where present)	✓	4.6 Presence of linked main switch	✓
2.0 Presence of adequate arrangements for other sources (microgenerators etc)	N/A	4.7 Operation of main switch (functional check)	✓
3.0 Earthing and bonding arrangements		4.8 Manual operation of circuit-breakers and RCDs to prove disconnection	✓
3.1 Presence and condition of distributor's earthing arrangement	✓	4.9 Correct identification of circuits and protective devices	✓
3.2 Presence and condition of earth electrode connection	N/A	4.10 Presence of RCD test notice at or near consumer unit	✓
3.3 Confirmation of adequate earthing conductor size	✓	4.11 Presence of non-standard (boxed) cable colour warning notice at or near consumer unit	✓
3.4 Accessibility and condition of earthing conductor at Main Earthing Terminal (MET)	✓	4.12 Presence of alternative supply warning notice at or near consumer unit	N/A
3.5 Confirmation of adequate main protective bonding conductor sizes	✓	4.13 Presence of replacement next inspection recommendation label	✓
3.6 Condition and accessibility of main protective bonding conductor connections	C2	4.14 Presence of other required labelling (please specify)	✓
3.7 Provision of earthing and bonding labels at all appropriate locations	✓	4.15 Examination of protective device(s) and base(s), correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	✓
		4.16 Single-pole protective devices in the line conductor only	✓

* All boxes must be completed
 ✓ indicates Acceptable condition
 N/A indicates Not applicable
 N/A indicates Unacceptable condition
 C1 or C2 indicates remedial action required
 C3 indicates replacement recommended
 Further investigation required units (U) (in parentheses) whether danger or potential danger units

Outcome
 Provide additional comment where appropriate on attached numbered sheets
 C1, C2 and C3 coded items to be recorded in section F of this report



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SCHEDULE OF INSPECTIONS

Item Description	Outcome* Location reference	Item Description	Outcome* Location reference
4.17 Protection against mechanical damage where cables enter metallic consumer unit	✓	5.11 Concealed cables incorporating method armour or sheath, or run within earthed wiring containment system, or otherwise protected against mechanical damage from nails, screws and the like where not in prescribed zones or not protected by 30 mA RCD (see extent and limitations)	C3 LTB + LOOden CIRCUI.TS.
4.18 Protection against electromagnetic effects where cables enter metallic consumer unit/enclosure	NA.	5.12 Provision of additional protection by RCD not exceeding 30 mA	✓
4.19 RCDs provided for fault protection - includes RCBOs	C2 LTB + LOOden	• used to supply mobile equipment not exceeding 32 A rating for use outdoors	✓
4.20 RCDs provided for additional protection - includes RCBOs	C2 LTB + LOOden	• for all socket-outlets not exceeding 20 A rating unless exempt	NA
5.0 Final circuits		• for cables concealed in walls or partitions	C3 LTB + SOCKET.S.
5.1 Identification of conductors	✓	5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects	✓
5.2 Cables correctly supported throughout their run	LT	5.14 Band II cables segregated/separated from Band I cables	LT
5.3 Condition of insulation of live parts	✓	5.15 Cables segregated/separated from communications cabling	✓
5.4 Non-sheathed cables protected by enclosure in conduit, tubing or trunking (including confirmation of the integrity of conduit and trunking systems)	LT	5.16 Cables segregated/separated from non-electrical services	✓
5.5 Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	✓	5.17 Termination of cables at enclosures (extent of sampling indicated in Section D of the report)	✓
5.6 Adequacy of protective devices, type and rated current for fault protection	✓	• Connections soundly made and under no undue strain	C2 BATH CTS.
5.7 Presence and adequacy of circuit protective conductors	✓	• No basic insulation of a conductor visible outside enclosure	✓
5.8 Co-ordination between conductors and overrated protective devices	✓	• Connections of live conductors adequately enclosed	✓
5.9 Wiring systems appropriate for the type and nature of the installation and external influences	✓	• Adequately connected at point of entry to enclosure (plugs, bushes etc.)	✓
5.10 Concealed cables installed in prescribed zones (see extent and limitations)	C2		

SCHEDULES

CIRCUIT DETAILS

* To be completed only where this consumer unit is newly installed from the point of the installation. Record details of the circuit including this consumer unit in the field book.

TEST RESULTS

Circuit No.	Circuit description	RCD type	RCD rating (kA)	RCD type	RCD rating (kA)	RCD type	RCD rating (kA)	RCD type	RCD rating (kA)	Insulation resistance		Continuity		Polarisation Index (PI)		Earth Fault Loop Impedance (EFLI)		Prospective fault current at consumer unit (kA)
										Line to Earth (MΩ)	Line to Neutral (MΩ)	Line to Earth (mΩ)	Line to Neutral (mΩ)	Line to Earth (Ω)	Line to Neutral (Ω)	Line to Earth (Ω)	Line to Neutral (Ω)	
1	COOKER	A-C	1	6025	4	6089	6	33	6	NA	NA	0.00	-	NA	NA	0.27	NA	NA
2	LTS.	A-C	5	1.0	4	6089	6	33	6	NA	NA	0.07	-	NA	NA	1.86	NA	NA
3	LTS.	A-C	5	1.0	4	6089	6	33	6	NA	NA	0.28	-	NA	NA	0.95	NA	NA
4	RCD.	O-O	3	0	4	6100	6	33	6	-	-	0.01	-	NA	NA	0.19	27	22
5	Sockets. Lit.	A-C	5	25	15	4	6089	6	33	38	38	0.24	-	NA	NA	0.58	27	22
6	Sockets. Bed.	A-C	5	25	15	4	6089	6	33	24	24	0.64	-	NA	NA	0.58	27	22
7	Sockets. Living	A-C	4	25	15	4	6089	6	33	26	26	0.68	-	NA	NA	0.62	27	22

Location of consumer unit	Designation of consumer unit	Prospective fault current at consumer unit
Flour Lin Room	ONLY ONE	1.25

Multi-function	Insulation resistance	Continuity	Earth electrode resistance	Earth fault loop impedance	RCD
607022	✓	✓	NA	✓	✓



APPROVED CONTRACTOR

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

DCN6/ 0237808

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DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations by an Approved Contractor or Confirming Body accorded with HICISAC, Warwick House, Houghton Hall Park, Houghton Regis, Bucks MK45 5XZ

DETAILS OF THE CLIENT

MR ANDREW TAYLOR
BRIGHTER LIVING
2 WEST STREET
ECCON
NORTHAMPTON

Postcode NN6 0QF

ADDRESS OF THE INSTALLATION

77 ABBEY ROAD
NORTHAMPTON

Postcode NN4 8EY

Installation address

DETAILS OF THE INSTALLATION

Extent of the installation work covered by this certificate

NEW CU. UPGRADE WATH/BONDANS.

The installation is

New
An addition
An alteration

DESIGN, CONSTRUCTION, INSPECTION AND TESTING

I, being the person 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: 2008 amended to 2008 (delete) 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) A Bourne

Date 11/9/13

Signature

Name (CAPITALS) A Bourne

Date 11/9/13

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

PARTICULARS OF THE APPROVED CONTRACTOR

Trading title

NTEST LTD

Address

10 HARRIS CLOSE
NORTHAMPTON

Telephone No 01604 700076

Postcode NN4 6AD

NICEIC Enrolment No (Should be indicated)

0 4 0 4 8 0

Branch No (If applicable)

NEXT INSPECTION

I shall attend in terms of years, months or weeks, or as appropriate

I RECOMMEND that this installation is further inspected and tested after an interval of not more than 1

COMMENTS ON EXISTING INSTALLATION

Note: Enter 'NONE' or, where appropriate, the page number(s) of additional report(s) of comment on the existing installation

SATISFACTORY

SCHEDULE OF ADDITIONAL RECORDS*

In the case of an alteration or addition see Section 601 of BS 7671

See attached schedule

NONE

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

DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

SUPPLY CHARACTERISTICS		Tick boxes and enter details, as appropriate	
System type(s)	Number and type of live conductors	Nature of supply parameters	Author (U) by enquiry (I) by inspection or by measurement (S) where more than one supply is used (the higher of highest values)
TN-S	1-phase (2-wire) <input checked="" type="checkbox"/>	Number of sources: 1	Nominal voltage(s) U_n : 230 V
TN-C-S	3-phase (3-wire) <input type="checkbox"/>	Prospective fault current I_{pf} (kA)	Frequency (f): 50 Hz
TT	Other <input type="checkbox"/>	Single-phase Prospective fault current I_{pf} (kA)	External earth fault loop impedance Z_{fe} (Ω): 0.19
		3-phase Prospective fault current I_{pf} (kA)	Prospective fault current I_{pf} (kA): 1.25

PARTICULARS OF INSTALLATION AT THE ORIGIN		Tick boxes and enter details, as appropriate	
Means of earthing	Details of installation earth electrode (where applicable)	Measured Z_e	Number of smoke alarms
Distributor's facility	Location	Maximum demand (Load)	Other incoming services (specify)
Installation earth electrode	Method of measurement	Protective measures for fault protection	
Earthing conductor	Conductor material	Water service	Gas service
Conductor material	Conductor size	Oil service	Structural steel
Conductor size	Location (where not obvious)	Structural steel	Other incoming services (specify)
		Structural steel	

SCHEDULE OF ITEMS INSPECTED		SCHEDULE OF ITEMS TESTED	
Preventive measures against electric shock	Additional protection	External earth fault loop impedance, Z_e	Installation with electrolytic resistance, R _e
Basic and fault protection	Prevention of residual current devices	Continuity of protective conductors	Continuity of ring final circuit conductors
Extra-low voltage	Prevention of mutual detrimental influence	Insulation resistance between live conductors and earth	Insulation resistance between live conductors and earth
Double or reinforced insulation	Identification	Polarity	Earth fault loop impedance, Z_e
Double or reinforced insulation	Presence of diagrams, instructions, circuit charts and similar information	Verification of phase sequence	Verification of residual current device(s)
Basic protection	Presence of danger notices	Functional testing of assemblies	Verification of voltage drop
Insulation of live parts	Presence of other warning notices, including presence of mixed wiring colours		
Fault protection	Labelling of protective devices, trippers and terminals		
Automatic disconnection of supply	Identification of conductors		
Presence of earthing conductor	Selection of conductors for current-carrying capacity and voltage drop		
Presence of circuit protective conductors	Section markings		
Presence of main protective bonding conductors			
Presence of adequate arrangements for other sources, where applicable			
Diagnoses and setting of protective devices for fault protection (and/or overcurrent)			
Electrical separation			
For one item of current-carrying equipment			

DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

CIRCUIT DETAILS

No.	Circuit description	RCD type	RCD rating (kA)	RCD type	RCD rating (kA)	RCD type	RCD rating (kA)	Circuit protection		Insulation resistance		Maximum measured earth leakage current (mA)	RCD				
								Rating (amps)	Wiring	Insulation	Wiring			Insulation	Wiring	Insulation	
1	RCD 'A'	0	4	0	4	61008	B 63	6	30	NA	NA	NA	✓	64	11	✓	
2	COOKER	A	C	1	6.0	2.5	.4	60898	B 32	6	30	1.44	✓	0.27	64	11	✓
3	SOCKETS	A	C	5	2.5	1.5	.4	60898	B 32	6	30	1.44	✓	0.58	64	11	✓
4	LIGHTS UP & HALL	A	C	6	1.5	1.0	.4	60898	B 6	6	30	7.47	✓	0.97	64	11	✓
5	SMOKE DETECTOR	A	C	2	1.0	1.0	.4	60898	B 6	6	30	7.47	✓	0.69	64	11	✓
6	SPARE																
7	RCD 'B'	0	3	0	0	4	61008	B 63	6	30	NA	NA	✓	—	32	9	✓
8	SOCKETS FRONT GROUND	A	C	5	2.5	1.5	.4	60898	B 32	6	30	1.44	✓	0.62	32	9	✓
9	SPARE																
10	SOCKETS UP	A	C	4	2.5	1.5	.4	60898	B 32	6	30	1.44	✓	0.58	32	9	✓
11	SPARE																
12	LIGHTS DOWN	A	C	4	1.0	1.0	.4	60898	B 32	6	30	7.47	✓	0.86	32	9	✓

Location of consumer unit: **LIVING ROOM**

Designation of consumer unit: **ONE ONLY**

Prospective fault current at consumer unit: **1.25** kA

TEST INSTRUMENTS

Multi-function: **6071022** Installation resistance:

Continuity: Earth electrode resistance:

Earth fault loop impedance: RCD:

Test instruments (serial numbers used)