



APPROVED CONTRACTOR
Contractor's Reference Number
N/A

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

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

This certificate is not valid if the serial number has been defaced or altered
DPN6/0791758

A. DETAILS OF THE CLIENT

Client: Mr Freddy North
Address: 33 Bell Acre
Leitchworth Garden City
Postcode: SG6 2BS

B. PURPOSE OF THE REPORT

Purpose for which this report is required: Lettings
Date(s) on which inspection and testing were carried out: 18/7/2018

C. DETAILS OF THE INSTALLATION

Occupier: Empty
Address: 162 Harlington Road
Uxbridge
Postcode: UB8 3HA

Estimated age of the electrical installation: 15 years
Date of previous inspection: unknown
Records of installation available: No

Evidence of alterations or additions:
Periodic Inspection or Condition Report No.: UNKNOWN
Records held by: unknown

If yes, estimated age: 4 years

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

Extent of the electrical installation covered by this report:
Fixed wiring within property
Except central heating
Agreed limitations (including the reasons), if any, on the inspection and testing:
80% Visual
20% Dismantle
Accessible equipment only
Agreed with: N/A
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 conduit's concealed under floors, in inaccessible roof spaces and generally within the fabric of the building or under ground, have not been visually inspected unless specifically agreed between the client and inspector prior to the inspection.

E. SUMMARY OF THE CONDITION OF THE INSTALLATION

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

Summary of the condition of the installation continued on additional pages? No Yes Specify page

Overall assessment of the installation: **SATISFACTORY**

* An 'unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that further investigation without delay (F1) is required

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 no items adversely affecting electrical safety **N/A** or The following observations and recommendations for action are made ✓

Item No	Observations	Code [†]
1	Absence of circuit identification details	C3
2	For inspections carried out after 1 January 2016 - Presence of a consumer unit or similar switchgear made from combustible material (e.g. plastic) that is not inside a non-combustible enclosure and which is located under wooden staircase	C3

Additional Pages? No Yes Specify page

[†]One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

Code C1 "Danger Present" Risk of injury. Immediate remedial action required.

Code C2 "Potentially dangerous" Urgent remedial action required.

Code C3 "Improvement recommended"

Code FI "Further investigation required without delay"

Immediate remedial action required for items: **N/A**

Urgent remedial action required for items: **N/A**

Further investigation required without delay for items: **N/A**

Improvement recommended for items: **1, 2**

Please see the 'Guidance for Recipients' 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 signature(s) below, particular of which are described on page 1 (see C), 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 overall assessment of the installation in terms of its suitability for continued use is **SATISFACTORY**.

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

* An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that Further investigation without delay (FI) is required.

INSPECTION, TESTING AND ASSESSMENT BY:

Signature ✓
 Name (CAPITALS) **ANDREW LOMAS**
 Position **Electrician**
 Date: **18/07/2018**

REPORT REVIEWED AND CONFIRMED BY:

Signature ✓
 Name (CAPITALS) **ANDREW LOMAS**
 (Registered Qualified Supervisor for the Approved Contractor at J)
 Date: **18/07/2018**

H. SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspection: Page(s) No 4,5,6	Page No(s)
Additional pages, including data sheets for additional source(s):	7
Schedule of Test Results for the Installation: Page No(s)	7
Schedule of Circuit Details for the Installation: Page No(s)	7

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



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I. NEXT INSPECTION

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

5 years

(Enter interval in terms of years, months or weeks, 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 F1 (further investigation required without delay) 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 NICERC APPROVED CONTRACTOR

Trading Title: Electrical Solutions GB
 Address: 83 Tibbs Hill Road
 Abbots Langley
 Hertfordshire
 Postcode: WD5 0LJ

Telephone number: 07403310008
 Email Address: andrewf221tw@yahoo.co.uk
 Enrolment number: D603813
 (Essential information)
 Branch number: N/A
 (if applicable)



K. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Type(s)	Number and Type of Live Conductors	Other (please state)	Nature of Supply Parameters	Characteristics of Primary Supply Overcurrent Protective Device(s)
TNS	a.c.	N/A	Nominal Voltage(s), U _n 230 V Nominal frequency, f _n 50 Hz Prospective fault current, I _{pr} (250) 5.0 kA External earth fault loop impedance, Z _e (94) 0.05 Ω	BS(EN) BS 1361 Fuse HBC Domestic Type Type 1 Rated current 60 A Short-circuit capacity 33 kA
TN-C-S	1-phase (2 wire) 2-phase (3 wire)	1-phase (3 wire)		
TT	3-phase (3 wire)	2-phase (2 wire)	Notes: (1) by enquiry (2) by enquiry or by measurement (3) where more than one source, record the higher or highest value (4) by measurement	

L. PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of Earthing	Type: N/A	Details of Installation Earth Electrode (where applicable)	Location: N/A	Method of measurement: N/A	Earthing conductor	Earthing and protective bonding conductors	Bonding of extraneous-conductive parts (✓)
Distributor's Facility: ✓ Installation earth electrode:	(eg rods, tape etc) Electrode resistance, R _a : N/A (Ω)				Conductor material Copper Conductor CSA 16 mm ² Connection/continuity verified ✓	Main protective bonding conductors Conductor material Copper Conductor CSA 16 mm ² Connection/continuity verified ✓	Water service ✓ Gas service ✓ Oil service Lightning protection Other (Specify) N/A
Main Switch/ Switch-Fuse/Circuit Breaker/RCD							
Type: BS(EN) BS EN 60947-	Voltage rating 230 V						
No of Poles 2	Rated current, I _n 100 A						
Primary supply conductor(s) material Copper	RCD operating current, I _{Δn} N/A						
Primary supply conductor(s) CSA 25 mm ²	Rated time delay* N/A						
	RCD operating time (at I _{Δn}) N/A						

* (Applicable only where an RCD is suitable and is used as a main circuit-breaker)

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT FOR A SINGLE DWELLING

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SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference	Item	Description	Outcome*	Location reference
1.0 Condition/adequacy of distributor's supply intake equipment†							
1.1	Service cable	✓		4.1	Adequacy of working space or access to consumer unit	✓	
1.2	Service head	✓		4.2	Security of fixing	✓	
1.3	Distributor's earthing arrangement	✓		4.3	Condition of enclosure(s) in terms of IP rating	✓	
1.4	Meter tails - Distributor/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)							
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply	N/A		4.7	Operation of main switch (functional check)	✓	
2.2	Adequate arrangements where a generating set operates in parallel with the public supply	N/A		4.8	Operation of circuit-breakers and RCDs to prove disconnection (functional check)	✓	
3.0 Earthing and bonding arrangements							
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 (mixed) 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 or additional supply warning notice at or near consumer unit	✓	
3.5	Confirmation of adequate main protective bonding conductor sizes	✓		4.13	Presence of replacement next inspection recommendation label	✓	
3.6	Accessibility and condition of main protective bonding conductor connections	✓		4.14	Presence of other required labelling (please specify)	✓	
3.7	Accessibility and condition of other protective bonding connections	✓		4.15	Examination of protective device(s) and base(s): correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	✓	
3.8	Provision of earthing and bonding labels at all appropriate locations	✓		4.16	Single-pole switching or protective devices in the line conductors only	✓	
				4.17	Protection against mechanical damage where cables enter consumer unit	✓	
				4.18	Protection against electromagnetic effects where cables enter metallic consumer unit/enclosure	✓	

† Where inadequacies in distributor's equipment are encountered, it is recommended that the person ordering the report informs the appropriate authority.

* All Outcome boxes must be completed
 ✓ indicates Acceptable condition
 U/M indicates a Limitation
 N/A indicates Not applicable
 Unacceptable condition state C1 or C2
 Improvement recommended state C3
 Further investigation required without delay state F1 (to determine whether danger or potential danger exists)
 Outcome Provide additional comment where appropriate on attached numbered sheets. C1, C2, C3 and F1 coded items to be recorded in Section F of the report.



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SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference	Item	Description	Outcome*	Location reference
4.19	RCDs provided for fault protection - includes RCBOs	✓		5.11	Provision of additional protection by RCD not exceeding 30 mA † for all socket-outlets of rating 20 A or less † for mobile equipment not exceeding a rating of 32A for use outdoors † for cables installed in walls or partitions at a depth less than 50 mm † for cables installed in walls / partitions containing metal parts regardless of depth	✓	
4.20	RCDs provided for additional protection - includes RCBOs	✓		5.12	Provision of fire barriers, sealing arrangements and protection against thermal effects	✓	
4.21	Confirmation of indication that SPD is functional	✓		5.13	Band II cables segregated/separated from Band I cables	✓	
4.22	Confirmation that ALL conductor connections, including connections to busbars are correctly located in terminals and are tight and secure	✓		5.14	Cables segregated/separated from communications cabling	✓	
5.0	Distribution/final circuits			5.15	Cables segregated/separated from non-electrical services	✓	
5.1	Identification of conductors	✓		5.16	Termination of cables at enclosures (extent of sampling indicated in Section D of the report) Connections soundly made and under no undue strain No basic insulation of a conductor visible outside enclosures Connections of live conductors adequately enclosed Adequately connected at point of entry to enclosure (glands, bushes etc.)	✓	
5.2	Cables correctly supported throughout their length	✓		5.17	Condition of accessories including socket-outlets, switches and joint boxes	✓	
5.3	Condition of insulation of live parts	✓		5.18	Suitability of accessories for external influences	✓	
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (including confirmation of the integrity of conduit and trunking systems)	✓		5.19	Adequacy of working space / accessibility to equipment	✓	
5.5	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	✓		5.20	Single-pole devices for switching or protection in line conductors only	✓	
5.6	Adequacy of protective devices: type and rated current for fault protection	✓					
5.7	Presence and adequacy of circuit protective conductors	✓					
5.8	Co-ordination between conductors and overload protective devices	✓					
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences	✓					
5.10	Cables installed under floors, above ceilings, in walls / partitions, adequately protected against damage installed in prescribed zones (see Section D, Extent and limitations) incorporating earthed armour or sheath, or installed against mechanical damage by nails, screws and the	✓					

† Note: Other installations designed prior to BS 7671:2008 may not have been provided with RCDs for additional protection

* All Outcome boxes must be completed
 ✓ indicates Acceptable condition
 /M/ indicates a limitation

/NA/ indicates Not applicable
 Unacceptable condition state C1 or C2
 Improvement recommended state C3

Further investigation required without delay state FI (to determine whether danger or potential danger exists)

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

SCHEDULE OF INSPECTIONS

Item	Description	Outcome *	Location reference	Item	Description	Outcome *	Location reference
6.0	Isolation and switching (isolation, switching off for mechanical maintenance and functional switching)			8.0	Location(s) containing a bath or shower		
6.1	In general	✓		8.1	Additional protection by RCD not exceeding 30 mA	✓	
	presence and condition of appropriate devices	✓			for low voltage circuits serving the location	✓	
	correct operation verified	✓			for low voltage circuits passing through Zone 1 and Zone 2 not serving the location	✓	
6.2	For isolation and switching for mechanical maintenance only			8.2	Where used as a protective measure, requirements for SELV or PELV are met	✓	
	capable of being secured in the OFF position where appropriate	✓		8.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535	✓	
	acceptable location - state if local or remote from equipment being controlled where appropriate	✓		8.4	Presence of supplementary bonding conductors unless not required by BS 7671: 2008	✓	
	clearly identified by position and/or durable marking(s)	✓		8.5	Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1	✓	
6.3	For isolation only			8.6	Suitability of equipment for external influences for installed location in terms of IP rating	✓	
	warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device	✓		8.7	Suitability of equipment for installation in a particular zone	✓	
7.0	Current-using equipment (Permanently connected)			9.0	Other special installations or locations - Part 7s		
7.1	Condition of equipment in terms of IP rating	✓		9.1	List all other special installations or locations present, if any. (Record the results of particular inspection applied separately).	N/A	
7.2	Equipment does not constitute a fire hazard	✓					
7.3	Enclosure not damaged/deteriorated so as to impair safety	✓					
7.4	Suitability for the environment and external influences	✓					
7.5	Security of fixing	✓					
7.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire (List number and location of luminaires inspected. (Separate page))	✓					
7.7	Recessed luminaires (downlighters)						
	correct type of lamps fitted	✓					

* All Outcome boxes must be completed
 ✓ indicates Acceptable condition
 N/A indicates a limitation
 N/A indicates Not applicable
 Unacceptable condition, state C1 or C2
 Improvement recommended state C3
 Further investigation required without delay state FI (to determine whether danger or potential danger exists)
 Outcome Provide additional comment where appropriate on attached numbered sheets. C1, C2, C3 and FI coded items to be recorded in Section F of the report.
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SCHEDULE

CIRCUIT DETAILS

Circuit number	Circuit designation	Type of wiring (see code below)	Reference Method (see Appendix 4 of BS 7671)	Number of points served	Circuit conductors, CSA		Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices					Circuit impedances			Insulation resistance				Maximum measured ear th impedance, Z _s (Ω)	RCD operating times		Test button operation										
					Live (mm ²)	opc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)	R ₁ (Line) (Ω)	R _n (Neutral) (Ω)	R ₂ (Earth) (Ω)	R ₁ +R ₂	R ₂	Line/Line (MΩ)		Line/Neutral (MΩ)	Line/Earth (MΩ)		Neutral/Earth (MΩ)	at I _{Δn}	at 5I _{Δn} if applicable							
* 1/L1	Lights beds 1,2,3 ground floor hall and bathroom	N/A	N/A	N/A	N/A	1.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.27	N/A	N/A	29.2	28.7	✓		
2/L1	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		
3/L1	Lights beds 6 and 7	N/A	100	15	1.5	1	0.4	61009 RCD/R	B	6	6	30	7.28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.67	27	21.2	✓
4/L1	Smoke alarms	N/A	100	2	1.5	1	0.4	61009 RCD/R	B	6	6	30	7.28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.53	22.8	18.5	✓
5/L1	Immersion	N/A	100	1	2.5	1.5	0.4	61009 RCD/R	B	6	6	30	7.28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.30	31.3	24.1	✓
6/L1	Boiler	N/A	100	1	2.5	1.5	0.4	61009 RCD/R	B	16	6	30	2.73	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.30	30.7	25	✓
7/L1	Cooker	N/A	100	1	6	2.5	0.4	60898 MCB	B	32	6	30	1.37	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.27	31.1	26.6	✓
8/L1	Sockets beds 1,2,3 and hall	N/A	100	10	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.52	0.52	0.78	0.20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.38	34.6	28.1	✓
10/L	Beds 4, 5 and lounge sockets	N/A	100	7	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.43	0.43	0.66	0.13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.22	34.6	28.1	✓	
9/L1	Sockets Kitchen	N/A	100	7	2.5	1.5	0.4	60898 MCB	B	3	6	30	14.57	0.30	0.30	0.46	0.09	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.16	34.6	28.1	✓	
11/L	1st floor sockets	N/A	100	7	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.40	0.40	0.59	0.15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.28	34.6	28.1	✓	
12/L	Outside light	N/A	100	1	1.5	1	0.4	60898 MCB	B	6	6	30	7.28	N/A	N/A	N/A	0.26	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.49	34.6	28.1	✓	
13/L	Garage	N/A	100	1	2.5	1.5	0.4	60898 MCB	B	16	6	30	2.73	N/A	N/A	N/A	0.37	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.68	34.6	28.1	✓	
14/L	Lights kitchen lounge beds 4,5	N/A	100	33	1.5	1	0.4	60898 MCB	B	32	6	30	1.37	N/A	N/A	N/A	0.69	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.27	34.6	28.1	✓	
15/L	TV booster and fridge socket	N/A	100	2	2.5	1.5	0.4	60898 MCB	B	16	6	30	2.73	N/A	N/A	N/A	0.16	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.26	34.6	28.1	✓	
16/L		N/A	N/A	N/A	N/A	N/A	N/A	N/A	B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	
17/L		N/A	N/A	N/A	N/A	N/A	N/A	N/A	B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	

TEST RESULTS

Location of consumer unit	Understairs cupboard	Designation of consumer unit	DB001...	Prospective fault current at consumer unit	5.0 KA
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TEST INSTRUMENTS

Test instruments (serial numbers) used

Multi-functional	2591046	Insulation resistance	2591046	Continuity	2591046	Earth electrode resistance	N/A	Earth fault loop impedance	2591046	RCD	2591046
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