

N/A

# DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

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

## A. DETAILS OF THE CLIENT

Client: Mr Freddy North

Address: 33 Bell Acre  
Letchworth 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: 11/10/2018

## C. DETAILS OF THE INSTALLATION

Occupier: Tenant

Address: 18 Barchester Close  
Cowley  
Uxbridge

Postcode: UB8 2JY

Estimated age of the electrical installation: 35 years Evidence of alterations or additions: No If yes, estimated age: N/A years

Date of previous inspection: unknown Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No: UNKNOWN

Records of installation available: No Records held by: Unknown

## 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:

20% Dismantle  
80% Visual  
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 conduits concealed under floors, in inaccessible roof spaces and generally within the fabric of the building or underground, 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** ~~UNSATISFACTORY~~ \* 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

# DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

**Original** (To the person ordering the work)

**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	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 within a sole route of escape from the premises (Note: If unsatisfactory connections are found during inspection, this would warrant a code C2 classification to be recorded)	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 F1** "Further investigation required without delay".

Please see the 'Guidance for Recipients' regarding the Classification codes.

**Immediate remedial action required for items:**

**Urgent remedial action required for items:**

**Further investigation required without delay for items:**

**Improvement recommended for items:**

**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 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** ← ~~UNSATISFACTORY~~

(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)

Position

Date:

**REPORT REVIEWED AND CONFIRMED BY:**

Signature

Name (CAPITALS)

*(Registered Qualified Supervisor for the Approved Contractor at J)*

Date:

**H. SCHEDULES AND ADDITIONAL PAGES**

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

Additional pages, including data sheets for additional source(s): Page No(s)

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

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

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.

# DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

## I. NEXT INSPECTION

I/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 NICEIC APPROVED CONTRACTOR

Trading Title: Electrical Solutions GB

Address: 83 Tibbs Hill Road  
Abbots Langley  
Hertfordshire

Telephone number: 07403310008

Email Address: andrewf22utw@yahoo.co.uk

Enrolment number: D603813

(Essential information)  
Branch number: N/A

Postcode: WD5 0LJ



## K. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Type(s)	Number and Type of Live Conductors	Nature of Supply Parameters	Characteristics of Primary Supply Overcurrent Protective Device(s)
TN-S <input type="checkbox"/>	a.c. <input checked="" type="checkbox"/> <span style="margin-left: 100px;">Other (please state)</span>	Nominal Voltage(s), $U_n^{(1)}$ 230 V $U_0^{(1)}$ N/A V	BS(EN) BS 1361 Fuse HBC Domestic Type
TN-C-S <input checked="" type="checkbox"/>	1-phase (2 wire) <input checked="" type="checkbox"/> 1-phase (3 wire) <input type="checkbox"/>	Nominal frequency, $f^{(1)}$ 50 Hz Number of sources 1	Type 2
TT <input type="checkbox"/>	2-phase (3 wire) <input type="checkbox"/> 3-phase (4 wire) <input type="checkbox"/>	Prospective fault current, $I_{pf}^{(2)(3)}$ 1.29 kA	Rated current 100 A
		External earth fault loop impedance, $Z_e^{(3)(4)}$ 0.16 $\Omega$	Short-circuit capacity 33 kA
		<small>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</small>	Confirmation of supply polarity <input checked="" type="checkbox"/> <input type="checkbox"/>

## L. PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of Earthing		Details of Installation Earth Electrode (where applicable)	
Distributor's facility: <input checked="" type="checkbox"/>	Type: (eg rod(s), tape etc) N/A	Location: N/A	
Installation earth electrode: <input type="checkbox"/>	Electrode resistance, $R_A$ : N/A ( $\Omega$ )	Method of measurement: N/A	

  

Main Switch/Switch-Fuse/Circuit-Breaker/RCD		Earthing and protective bonding conductors		Bonding of extraneous-conductive-parts (✓)	
Type: BS(EN) BS EN 60947-	Voltage rating 230 V	Earthing conductor Conductor material Copper	Main protective bonding conductors Conductor material Copper	Water service <input checked="" type="checkbox"/>	Gas Service <input checked="" type="checkbox"/>
No of Poles 2	Rated current, $I_n$ 100 A	Conductor csa 16 mm <sup>2</sup>	Conductor csa 10 mm <sup>2</sup>	Oil service N/A	Structural steel N/A
Primary supply conductors (material) Copper	RCD operating current, $I_{\Delta n}^*$ N/A mA	Connection/continuity verified <input checked="" type="checkbox"/> (✓)	Connection/continuity verified <input checked="" type="checkbox"/> (✓)	Lightning protection N/A	Other (Specify) N/A
Primary supply conductors (csa) 25 mm <sup>2</sup>	Rated time delay* N/A ms				
	RCD operating time (at $I_{\Delta n}$ ) <sup>*</sup> N/A ms				

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

# DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

## SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
<b>1.0</b>	<b>Condition/adequacy of distributor's/supply intake equipment†</b>		
1.1	Service cable	✓	
1.2	Service head	✓	
1.3	Distributor's earthing arrangement	✓	
1.4	Meter tails - Distributor/Consumer	✓	
1.5	Metering equipment	✓	
1.6	Means of main isolation (where present)	N/A	
<b>2.0</b>	<b>Presence of adequate arrangements for other sources (microgenerators etc)</b>		
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply	✓	
2.2	Adequate arrangements where a generating set operates in parallel with the public supply	✓	
<b>3.0</b>	<b>Earthing and bonding arrangements</b>		
3.1	Presence and condition of distributor's earthing arrangement	✓	
3.2	Presence and condition of earth electrode connection	N/A	
3.3	Confirmation of adequate earthing conductor size	✓	
3.4	Accessibility and condition of earthing conductor at Main Earthing Terminal (MET)	✓	
3.5	Confirmation of adequate main protective bonding conductor sizes	✓	
3.6	Accessibility and condition of main protective bonding conductor connections	✓	
3.7	Accessibility and condition of other protective bonding connections	✓	
3.8	Provision of earthing and bonding labels at all appropriate locations	✓	

Item	Description	Outcome*	Location reference
<b>4.0</b>	<b>Consumer unit(s)</b>		
4.1	Adequacy of working space or access to consumer unit	✓	
4.2	Security of fixing	✓	
4.3	Condition of enclosure(s) in terms of IP rating	✓	
4.4	Condition of enclosure(s) in terms of fire rating	✓	
4.5	Enclosure not damaged/deteriorated so as to impair safety	✓	
4.6	Presence of linked main switch	✓	
4.7	Operation of main switch (functional check)	✓	
4.8	Operation of circuit-breakers and RCDs to prove disconnection (functional check)	✓	
4.9	Correct identification of circuits and protective devices	✓	
4.10	Presence of RCD test notice at or near consumer unit	✓	
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit	✓	
4.12	Presence of alternative or additional supply warning notice at or near consumer unit	✓	
4.13	Presence of replacement next inspection recommendation label	✓	
4.14	Presence of other required labelling (please specify)	✓	
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 switching or protective devices in the line conductors only	✓	
4.17	Protection against mechanical damage where cables enter consumer unit	N/A	
4.18	Protection against electromagnetic effects where cables enter metallic consumer unit/enclosure	N/A	

† 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  
 LIM 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.

# DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

## SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
4.19	RCDs provided for fault protection - includes RCBOs	✓	
4.20	RCDs provided for additional protection - includes RCBOs	✓	
4.21	Confirmation of indication that SPD is functional	✓	
4.22	Confirmation that ALL conductor connections, including connections to busbars are correctly located in terminals and are tight and secure	✓	
<b>5.0 Distribution/final circuits</b>			
5.1	Identification of conductors	✓	
5.2	Cables correctly supported throughout their length	✓	
5.3	Condition of insulation of live parts	✓	
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (including confirmation of the integrity of conduit and trunking systems)	✓	
5.5	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	✓	
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 within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the	✓	

Item	Description	Outcome*	Location reference
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 of less than 50 mm	✓	
	‡ for cables installed in walls / partitions containing metal parts regardless of depth	✓	
5.12	Provision of fire barriers, sealing arrangements and protection against thermal effects	✓	
5.13	Band II cables segregated/separated from Band I cables	✓	
5.14	Cables segregated/separated from communications cabling	✓	
5.15	Cables segregated/separated from non-electrical services	✓	
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.)	✓	
5.17	Condition of accessories including socket-outlets, switches and joint boxes	✓	
5.18	Suitability of accessories for external influences	✓	
5.19	Adequacy of working space / accessibility to equipment	✓	
5.20	Single-pole devices for switching or protection in line conductors only	✓	

‡ Note: Older 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  
 LIM 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.

# DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

## SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
<b>6.0</b>	<b>Isolation and switching (isolation, switching off for mechanical maintenance and functional switching)</b>		
6.1	In general		
	presence and condition of appropriate devices	✓	
	correct operation verified	✓	
6.2	For isolation and switching for mechanical maintenance only		
	capable of being secured in the OFF position where appropriate	✓	
	acceptable location - state if local or remote from equipment being controlled where appropriate	✓	
	clearly identified by position and/or durable marking(s)	✓	
6.3	For isolation only		
	warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device	✓	
<b>7.0</b>	<b>Current-using equipment (Permanently connected)</b>		
7.1	Condition of equipment in terms of IP rating	✓	
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)	N/A	
7.7	Recessed luminaires (downlighters)		
	correct type of lamps fitted	N/A	

Item	Description	Outcome*	Location reference
	installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar	N/A	
	no signs of overheating to surrounding building fabric	✓	
	no signs of overheating to conductors/terminations	✓	
<b>8.0</b>	<b>Location(s) containing a bath or shower</b>		
8.1	Additional protection by RCD not exceeding 30 mA		
	for low voltage circuits serving the location	✓	
	for low voltage circuits passing through Zone 1 and Zone 2 not serving the location	✓	
8.2	Where used as a protective measure, requirements for SELV or PELV are met	✓	
8.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535	✓	
8.4	Presence of supplementary bonding conductors unless not required by BS 7671: 2008	✓	
8.5	Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1	✓	
8.6	Suitability of equipment for external influences for installed location in terms of IP rating	✓	
8.7	Suitability of equipment for installation in a particular zone	✓	
<b>9.0</b>	<b>Other special installations or locations - Part 7s</b>		
9.1	List all other special installations or locations present, if any. (Record the results of particular inspection applied separately).	N/A	

\* All Outcome boxes must be completed  
 ✓ indicates Acceptable condition  
 LIM 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.

