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DPP3/0309981



DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

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 5ZL.

DETAILS OF THE CLIENT

Mr Freddy North
 2a Chestnut Farm
 Henlow
 Bedfordshire
 Postcode: SG16 6PA

SCOPE OF THE REPORT

Lettings
 The inspection was carried out: N/A

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
 Agreed with: N/A

Operational limitations including the reasons (see page 11 of 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.

DETAILS OF THE INSTALLATION

Empty
 52 Bridge Road
 Uxbridge
 Postcode: UB8 2QP

Age of the installation:	30 years	Evidence of alterations or additions:	3 years
Installation available:	27/8/2011	Electrical Installation Certificate (I/C) or previous Periodic Inspection or Condition Report (I/C):	0260098
Records held by:	Mr F North		

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 / OPERATIONAL

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

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DEFICIENCIES AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

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

no items adversely affecting electrical safety. or The following observations and recommendations for are made

Item No	Observations	Classification code †	Further investigation required (Y or ✓)
1	For inspections carried out after 1 January 2016 - Presence of a consumer unit or similar	C3	

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 inspection 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

SATISFACTORY / ~~UNSATISFACTORY~~

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

INSPECTION, TESTING AND ASSESSMENT BY:

Signature 

Name (CAPITALS) ANDREW LOMAS

Position Electrician

Date: 01/08/2016

REPORT REVIEWED AND CONFIRMED BY:

Signature 

Name (CAPITALS) ANDREW LOMAS

(Registered Qualified Supervisor for the Approved Contractor at J)

Date: 01/08/2016

H. SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspection: Page(s) 4, 5, 6

Additional pages, including data sheets for additional source(s): Page 0

Schedule of Test Results for the Installation: Page 7

Schedule of Circuit Details for the Installation: Page 7

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.

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

Pages? No Yes Specify page

following codes, as appropriate, has been allocated to each of the items made above to indicate to the persons responsible for the installation of urgency for remedial action:
"Danger Present": Risk of injury. Immediate remedial action required.
"Potentially dangerous": Urgent remedial action required.
"Improvement recommended".

See the 'Guidance for Recipients' regarding the Classification codes.

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INSPECTION

Item that this installation is further inspected and tested interval of not more than

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

that any items at F which have been attributed a Classification code (other than present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or F1 (further investigation without delay) are remedied or investigated respectively, as a matter of course. Items which have been attributed a Classification code C3 should be remedied 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: andrew22tutv@yahoo.co.uk

Enrolment number: D603813



Postcode: WD5 0LJ

APPLY CHARACTERISTICS AND EXEMPTIONS

No. of Circuits	Number and Type of Live Conductors	Other (please state)	Nature of Supply Parameters				Characteristics of Primary Supply	
			Nominal Voltage(s), U _n	V	U ₀ (1)	V	BSIE (1)	BS 1361 Fuse HBC Domestic Type
1	a.c.	1-phase (3 wire)	400	230	N/A	Type 1	Rated current	100 A
2	1-phase (2 wire)	N/A	50	N/A	N/A	Short-circuit capacity	16.5	kA
3	2-phase (3 wire)	N/A	10.0	Prospective fault current, I _p (23)		Confirmation of supply polarity	✓	✓
4	3-phase (3 wire)	N/A	0.01	External earth fault loop impedance, Z _e (34)				

APPLY DETAILS OF INSTALLATION AT THE ORIGIN

Earthing conductor	Type: (eg rod(s), tape etc)	Location:	Details of Installation Earth Electrode (where applicable)	
			Electrode resistance, R _{ea}	Method of measurement:
BS E11 60947-	230 V	N/A		
2	Rated current, I _n	N/A		
Copper	RCD operating current, I _{Δn} *	N/A		
25 mm ²	Rated time delay*	N/A		
	RCD operating time (at I _{Δn})*	N/A		

Earthing and protective bonding conductors		Main protective bonding conductors		Bonding of extraneous-conductive parts (✓)	
Conductor material	Conductor csa	Conductor material	Conductor csa	Water service	Gas Service
Copper	16 mm ²	Copper	10 mm ²	Oil service	Structural steel
Connection/continuity verified	✓	Connection/continuity verified	✓	Lightning protection	Other incoming service(s)
				Other (Specify)	

* Where an RCD is suitable and is used as a main circuit-breaker



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SCHEDULE OF INSPECTIONS

Description	Location reference	Outcome *	Description	Outcome *	Location reference
on/adequacy of distributor's supply intake equipment		✓	4.0 Consumer unit(s)		
Service cable		✓	4.1 Adequacy of working space or access to consumer unit	✓	
Service cut-out/fuse(s)		✓	4.2 Security of fixing	✓	
Meter tails - distributor		✓	4.3 Condition of enclosure(s) in terms of IP rating	✓	
Meter tails - consumer		✓	4.4 Condition of enclosure(s) in terms of fire rating	✓	
Metering equipment		✓	4.5 Enclosure not damaged/deteriorated so as to impair safety	✓	
Means of main isolation (where present)		✓	4.6 Presence of limited main switch	✓	
Presence of adequate arrangements for other sources (microgenerators etc)		✓	4.7 Operation of main switch (functional check)	✓	
Earthing and bonding arrangements		✓	4.8 Manual operation of circuit-breakers and RCDs to prove disconnection	✓	
Presence and condition of earth electrode connection		✓	4.9 Correct identification of circuits and protective devices	✓	
Confirmation of adequate earthing conductor size		✓	4.10 Presence of RCD test notice at or near consumer unit	✓	
Accessibility and condition of earthing conductor at (Main Earthing Terminal (MET)		✓	4.11 Presence of non-standard (mixed) cable colour warning notice at or near consumer unit	✓	
Confirmation of adequate main protective bonding conductor sizes		✓	4.12 Presence of alternative supply warning notice at or near consumer unit	✓	
Condition and accessibility of main protective bonding conductor connections		✓	4.13 Presence of replacement next inspection recommendation label	✓	
Provision of earthing and bonding labels at all appropriate locations		✓	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 protective devices in the line conductor only	✓	

Notes must be completed indicates acceptable condition indicates a limitation

*N/A indicates Not applicable Unacceptable condition state C1 or C2 Improvement recommended state C3

Further investigation required state F1 (to determine whether danger or potential danger exists)



DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

SCHEDULE OF INSPECTIONS

†

Item	Description	Outcome *	Location reference	Outcome *	Location reference
5.11	Concealed cables incorporating earthed 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)	✓		✓	
5.12	Provision of additional protection by RCD not exceeding 30 mA	✓		✓	
	* used to supply mobile equipment not exceeding 32 A rating for use outdoors	✓		✓	
	* for all socket-outlets not exceeding 20 A rating unless exempt	✓		✓	
	* for cables concealed in walls or partitions	✓		✓	
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects	✓		✓	
5.14	Band II cables segregated/separated from Band I cables	✓		✓	
5.15	Cables segregated/separated from communications cabling	✓		✓	
5.16	Cables segregated/separated from non-electrical services	✓		✓	
5.17	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.)	✓		✓	

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

Further investigation required state FI
(to determine whether danger or potential danger exists)

Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3

must be completed
indicates acceptable condition
indicates a limitation



DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

SCHEDULE OF INSPECTIONS

†

Description	Outcome *	Location reference
Condition of accessories including socket-outlets, switches and joint boxes	✓	
Suitability of accessories for external influences	✓	
Isolation, switching off for mechanical maintenance, emergency switching/stopping and functional switching	✓	
Presence and condition of appropriate devices	✓	
Correct operation verified	✓	
Information and switching for 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)	✓	
Warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device	✓	
Emergency switching/stopping only readily accessible for operation where danger might occur	✓	
Equipment does not constitute a fire hazard	✓	
Enclosure not damaged/deteriorated so as to impair safety	✓	
Suitability for the environment and external influences	✓	
Security of fixing	✓	

Item	Description	Outcome *	Location reference
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	Processed luminaires (downlighters)		
	* correct type of lamps fitted	I/A	
	* installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar	I/A	
	* no signs of overheating to surrounding building fabric	I/A	
	* no signs of overheating to conductors/terminations	I/A	
8.0	Location(s) containing a bath or shower		
8.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA	✓	
8.2	Where used as a protective measure, requirements for SELV or PELV are met	I/A	
8.3	Shaver sockets comply with BS E11 61558-2-5 or BS 3535	I/A	
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	✓	
8.8	Suitability of current-using equipment for a particular position within the location	✓	
9.0	Other special installations or locations - Part 7s		
9.1	List all other special installations or locations present, if any. Record the results of particular inspection applied separately	I/A	

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

Further investigation required state F1
(to determine whether danger or potential danger exists)

'N/A' indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3

must be completed
indicates acceptable condition
indicates a limitation

SCHEDULES



TEST RESULTS

Circuit designation <small>to be completed only where this consumer unit remote from the origin of the installation. Details of the circuit supplying this consumer unit in the bold box.</small>	D - Distribution circuit	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				RCD Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)
					Live (mm ²)	N/A		BS(EN)	Type flo	Rating (A)	Short-circuit capacity (kVA)		
lights upstairs	F	A	100	8	1.0	1.0	0.4	61009 RCD	B	6	6	30	7.28
lights downstairs	F	A	100	7	1.0	1.0	0.4	61009 RCD	B	6	6	30	7.28
Cooler	F	A	B	1	6	2.5	0.4	61009 RCD	B	32	6	30	1.37
floor lights	F	A	100	4	1.0	1.0	0.4	61009 RCD	B	6	6	30	7.28
floor Sockets	F	A	100	4	2.5	1.5	0.4	61009 RCD	B	20	6	30	2.18
then sockets	F	A	B	4	2.5	1.5	0.4	60898 MCE	B	16	6	30	2.73
sockets 1st floor	F	A	100	8	2.5	1.5	0.4	60898 MCE	B	16	6	30	2.73
sockets ground floor	F	A	B	7	2.5	1.5	0.4	60898 MCE	B	32	6	30	1.37
then sockets	F	A	B	5	2.5	1.5	0.4	60898 MCE	B	32	6	30	1.37
Cooler	F	A	B	1	10	6	5	60898 MCE	B	40	6	30	1.09

Location of consumer unit	Understairs Cupboard	Designation of consumer unit	DB001 --	Prospective fault current at consumer unit	10.0	IA
Insulation resistance	2591046	Continuity	2591046	Earth fault current impedance	2591046	RCD 2591046
Earth electrode resistance	N/A	Earth electrode resistance	N/A	Earth fault current impedance	2591046	RCD 2591046

Test instruments (serial numbers) used

Original (To the person ordering the work)

CODES FOR TYPE OF I.P.P.I.N.G.

A Thermoplastic cables in sheathed cables
 B Thermoplastic cables in non-metallic conduit
 C Thermoplastic cables in non-metallic conduit
 D Thermoplastic cables in non-metallic conduit
 E Thermoplastic cables in non-metallic conduit
 F Thermoplastic SVA cables
 G Thermoplastic SVA cables
 H Fibre-optic cables
 I Other - please state