



Contractor's Reference Number

N/A

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

DPN7/0381272

ELECTRICAL INSTALLATION CONDITION REPORT FOR SMALL INSTALLATIONS NOT EXCEEDING 100 A

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 2ZX

TYPE OF INSTALLATION		Domestic Dwelling <input checked="" type="checkbox"/>	Highway Installation <input type="checkbox"/>	Leisure Accommodation Vehicle <input type="checkbox"/>	Modular Dwelling <input type="checkbox"/>	Transportable Unit <input type="checkbox"/>
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DETAILS OF THE CLIENT		EXTENT OF THE INSTALLATION AND LIMITATIONS ON THE INSPECTION AND TESTING	
Client:	Mr Freddy North	Extent of the electrical installation covered by this report: Fixed wiring within property	
Address:	11 Chaomans Letchworth	Agreed limitations (including the reasons), if any, on the inspection and testing: 20% Dismantle 80% Visual	
	Postcode: SG6 3AU	Accessible equipment Agreed with: N/A	
PURPOSE OF THE REPORT		Operational limitations including the reasons (see page No. N/A) N/A	
Purpose for which this report is required:	Lettings	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.	
Date(s) on which inspection and testing were carried out:	6/4/2017	SUMMARY OF THE CONDITION OF THE INSTALLATION	
DETAILS OF THE INSTALLATION		General condition of the installation (in terms of electrical safety): Installation in safe condition	
Occupier	Tenants	Summary of the condition of the installation continued on additional pages? No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Specify page	
Address	279a High Street Uxbridge	Overall assessment of the installation: SATISFACTORY / UNSATISFACTORY	
	Postcode: UB8 1LQ	* An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that Further investigation without delay (F) is required	
Estimated age of the electrical installation:	5 years	Evidence of alterations or additions	No <input type="checkbox"/> 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

Original (To the person ordering the work)

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OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations at page 1:

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

[illegible]

Additional Pages?	No	Yes	Specify page
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

† 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

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, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations and the attached schedules, 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.

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~~

at the time the inspection was carried out, and that it should be further inspected as recommended within the time interval below.

* 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
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Date: 20/04/2017

REPORT REVIEWED AND CONFIRMED BY:

Signature _____

Name (CAPITALS) ANDREW LOMAS

(Registered Qualified Supervisor for the Approved Contractor at J)

Date: 20/04/2017

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 or months, as appropriate)

provided that any items 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.

ELECTRICAL INSTALLATION CONDITION REPORT FOR SMALL INSTALLATIONS NOT EXCEEDING 100 A

SUPPLY CHARACTERISTICS															
System type(s)		Number and type of live conductors		Nature of supply parameters						Characteristics of primary supply overcurrent protective device(s)					
TN-S	✓	1-phase (2 wire)	✓	1-phase (3 wire)	Number of sources	1	Nominal Voltage(s):	230 V	Nominal frequency, f ₍₁₎	50 Hz	BS(EN)	LIM	Short-circuit capacity	LIM	kA
TN-C-S		3-phase (3 wire)		3-phase (4 wire)			U ₀ (1)	N/A	V	External earth fault loop impedance, Z _e (34)	0.08 Ω	Type	LIM	Confirmation of supply polarity	✓
TT		Other	N/A		Single-phase	Prospective fault current, I _p (23)	3.0 kA	3-phase	Prospective fault current, I _p (23)	N/A kA	Rated current	LIM	A		

Notes: (1) by enquiry (2) by enquiry or by measurement (3) where more than one supply, record the higher or highest values (4) by measurement

PARTICULARS OF INSTALLATION AT THE ORIGIN															
Tick boxes and enter details, as appropriate															
Means of earthing		Details of installation earth electrode (where applicable)				Protective measure(s) for fault protection		Measured Z _e		Main Switch/Switch-Fuse/Circuit-Breaker/RCD					
Distributor's facility	✓	Type (eg rod(s), tape etc)	N/A	Location	N/A	ADS		0.08 Ω	Type BS(EN)	BS EN 60947	Voltage rating	230 V			
Installation earth electrode		Electrode resistance R _A	N/A Ω	Method of measurement	N/A			Maximum demand (Load)	40 N/A	No of poles	2	Rated current, I _n	100 A		
Earthing conductor		Main protective bonding conductors and bonding of extraneous-conductive-parts				Water installation pipes		✓	Structural steel	N/A	Supply conductors material	Copper	RCD operating current, I _{Δn} *	N/A mA	
Conductor material	Copper	Continuity/connection verified	✓	Conductor material	Copper	Conductor csa	16 mm ²	Oil installation pipes	N/A	Other	N/A	Supply conductors csa	25 mm ²	RCD operating time (at I _{Δn})*	N/A ms
Conductor csa	10 mm ²	Location (where not obvious)	N/A					Gas installation pipes	N/A					Rated time delay*	N/A ms

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

VEHICLE DETAILS											
Type:	Touring	Static	Motorhome	Year of manufacture	N/A	Model	N/A	Registration (motorhome)	N/A	VIN	N/A

PARTICULARS OF VEHICLE INSTALLATION OR TRANSPORTABLE UNITS																								
Hook-up connection					Means of earthing					Earthing and protective bonding conductors														
Flexible supply cable					System type: TT					System type: TN-S					TN-C-S*									
Length					N/A m	For static (fixed) vehicles					Installation earth electrode details:					* Connection to a TN-C-S system requires supervision (see regulation 717.411.4)								
I _z					N/A A	Type: (e.g. rods/s), Tapes(s)					Method of measurement					Measured earth fault loop impedance, Z _e								
					N/A Ω	Electrode resistance, R _A					Location													
					N/A Ω																			
Supply voltage(s) and maximum load/demand					Nominal voltage(s)					U ₀					N/A					Maximum permitted load				

TRANSPORTABLE UNIT DETAILS									
Description									
Model name and year									
N/A									

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

ELECTRICAL INSTALLATION CONDITION REPORT FOR SMALL INSTALLATIONS NOT EXCEEDING 100 A

DETAILS OF NICEIC APPROVED CONTRACTOR

Trading title: Electrical Solutions GB
Address: 83 Tibbs Hill Road
Abbots Langley
Hertfordshire

Postcode: WD5 0LJ



Enrolment number:
(Essential information)

D603813

Branch number:
(if applicable) N/A
Email Address:
andrewf22utw@yahoo.co.uk

Telephone number:
07403310008

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*
1.0	Condition/adequacy of distributor's/supply intake equipment †	
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
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
2.2	Adequate arrangements where a generating set operates in parallel with the public supply	N/A
2.3	Presence of alternative/additional supply warning notice(s)	N/A
3.0	Earthing and bonding arrangements	
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	✓
4.0	Consumer unit(s)	
4.1	Adequacy of working space or access to consumer unit	✓

Item	Description	Outcome*
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	C3
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	Main switch capable of being secured in the OFF position	✓
4.9	Operation of circuit-breakers and RCDs to prove disconnection (functional check)	✓
4.10	Correct identification of circuits and protective devices	✓
4.11	Presence of RCD test notice at or near consumer unit	✓
4.12	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit	✓
4.13	Presence of alternative or additional supply warning notice at or near consumer unit	✓
4.14	Presence of next inspection recommendation label	✓
4.15	Presence of other required labelling (please specify)	N/A
4.16	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	✓
4.17	Single-pole switching or protective devices in the line conductors only	✓
4.18	Protection against mechanical damage where cables enter consumer unit	✓
4.19	Protection against electromagnetic effects where cables enter metallic consumer unit/enclosure	✓
4.20	RCDs provided for fault protection - includes RCBs	✓
4.21	RCDs provided for additional protection - includes RCBs	✓
4.22	Confirmation of indication that SPD is functional	✓
4.23	Confirmation that ALL conductor connections, including connections to busbars are correctly located in terminals and are tight and secure	✓

Item	Description	Outcome*
5.0	Distribution/final circuits	
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. 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 like	✓
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	✓
	* ‡ lighting of bus shelters, telephone kiosks, town plans and the like	✓
5.12	Provision of fire barriers, sealing arrangements and protection against thermal effects	✓
5.13	Band II cables segregated/separated from Band I cables	✓

† Where inadequacies in distributor's equipment are encountered, it is recommended that the person ordering the report informs the appropriate authority.
‡ 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 delegate 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 Page 2 of the report.

ELECTRICAL INSTALLATION CONDITION REPORT FOR SMALL INSTALLATIONS NOT EXCEEDING 100 A

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*
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 on page 1 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	✓
6.0	Isolation and switching (isolation, switching off for mechanical maintenance and functional switching)	
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	✓
7.0	Current-using equipment (Permanently connected)	
7.1	Condition of equipment in terms of IP rating	✓

Item	Description	Outcome*
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	N/A
	• 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	N/A
	• no signs of overheating to conductors/terminations	N/A
8.0	Location(s) containing a bath or shower	
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	✓
9.0	Other special installations or locations - Part 7s	
9.1	List of all other special installations or locations, if any, present. (Record the results of any particular inspection and append separately).	✓

SCHEDULE OF ITEMS INSPECTED PARTICULAR TO A LEISURE ACCOMMODATION VEHICLE OR A TRANSPORTABLE UNIT

Item	Description	Outcome*
10.0	Means of connection	
10.1	'Hook-up' connection arrangement (inlet, plug and connector)	
	• equipment complies with BS EN 60309-2	N/A
	• acceptable condition	N/A
10.2	Flexible 'hook-up' cable	
	• correct length and size (csa)	N/A
	• acceptable type (to BS 7919) and condition	N/A
10.3	Direct connection (to static vehicles)	
	• acceptable type of wiring system and condition	N/A
	• correct size (csa)	N/A
10.4	Presence of required identification/labelling	
	• instructions for the safe use of the caravan/transportable unit installation/supply	N/A
	• indication of voltage (stated on or adjacent) to all extra-low voltage (ELV) socket-outlets	N/A
10.5	Plugs and socket-outlets non-interchangeable with those of LV installation	N/A
10.6	All conductors adequately protected against mechanical damage	N/A
10.7	All conductors adequately protected against mechanical stresses (e.g. vibration from vehicular motion)	N/A

SCHEDULES AND ADDITIONAL PAGES

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

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

Page No(s)

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

6

Special installations or locations:

Page No(s)

N/A

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

6

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.

* 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 delegate 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 Page 2 of the report.

SCHEDULES

Original (To the person ordering the work)

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 below)	Reference Method (see Appendix 4 of BS 7671)	Number of points served	Circuit conductors: csa		Max. disconnection time permitted by BS 7671	Overcurrent protective devices				RCD Maximum $I_{\Delta n}$ permitted by BS 7671	Circuit impedances (Ω)				Insulation resistance				Maximum measured earth fault loop impedance, Z_s	RCD operating times		Test button operation			
					Live	cpc		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		Operating current, $I_{\Delta n}$ (mA)	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)		Line/Earth (M Ω)	Neutral/Earth (M Ω)		Polarity	at $I_{\Delta n}$ (ms)	at 5 $I_{\Delta n}$ (if applicable) (ms)
														r_1 (Line)	r_n (Neutral)	r_2 (CPC)	$R_1 + R_2$	R_2									
*		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	
1 / L1	Fire alarm & emergency lights	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	30	2.73	N/A	N/A	N/A	0.06	N/A	N/A	20	20	20	✓	0.13	28.1	19.3	✓
2 / L1	Freezer	A	B	1	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	20	20	20	✓	0.32	28.1	19.3	✓
3 / L1	Sockets	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	30	2.73	N/A	N/A	N/A	0.18	N/A	N/A	20	20	20	✓	0.34	28.1	19.3	✓
4 / L1	Lights down	A	B	3	1.5	1.0	0.4	60898 MCB	B	6	6	30	7.28	N/A	N/A	N/A	0.23	N/A	N/A	20	20	20	✓	0.55	28.1	19.3	✓
5 / L1	Lights up	A	B	5	1.5	1.0	0.4	60898 MCB	B	6	6	30	7.28	N/A	N/A	N/A	0.29	N/A	N/A	20	20	20	✓	0.68	28.1	19.3	✓
6 / L1	Cooker	A	B	1	6	2.5	0.4	60898 MCB	B	32	6	30	1.37	N/A	N/A	N/A	0.10	N/A	N/A	20	20	20	✓	0.19	29	20.2	✓
7 / L1	Sockets 2x bed 1, 3 x bed 2	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	30	2.73	N/A	N/A	N/A	0.15	N/A	N/A	20	20	20	✓	0.29	29	20.2	✓
8 / L1	Kitchen sockets	A	B	4	2.5	1.5	0.4	60898 MCB	B	16	6	30	2.73	N/A	N/A	N/A	0.22	N/A	N/A	20	20	20	✓	0.43	29	20.2	✓
9 / 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		
10 / L	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		