



APPROVED CONTRACTOR
Contractor's Reference Number

N/A

This certificate is not valid if the serial number has been defaced or altered **DPN7/0381263**

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 2JX

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

Client: Mr Freddy North

Address: 11 Chaomans Letchworth

Postcode: SG6 3AU

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 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.

PURPOSE OF THE REPORT

Purpose for which this report is required: Lettings

Date(s) on which inspection and testing were carried out: 8/10/16

DETAILS OF THE INSTALLATION

Occupier: Tenants

Address: 36 Mayfield Close Uxbridge

Postcode: UB10 ODS

Estimated age of the electrical installation: 35 years

Evidence of alterations or additions

If yes, estimated age: 5 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: Freddy North

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

Original (To the person ordering the work)

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SUPPLY CHARACTERISTICS				Nature of supply parameters				Characteristics of primary supply overcurrent protective device(s)						
System type(s)				Number and type of live conductors				<i>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</i>						
TN-S	✓	1-phase (2 wire)	✓	1-phase (3 wire)	Number of sources	1	Nominal Voltage(s): U ₀ ⁽¹⁾	230 V	Nominal frequency, f ⁽¹⁾	50 Hz	BS(EN)	BS 1361 Fuse HBC Domestic Ty	Short-circuit capacity	16.5 kA
TN-C-S		3-phase (3 wire)		3-phase (4 wire)			U ₀ ⁽¹⁾	N/A	External earth fault loop impedance, Z _e ^(3M)	0.11 Ω	Type	2	Confirmation of supply polarity	✓
TT		Other	N/A		Single-phase	Prospective fault current, I _p ⁽²⁾⁽³⁾	2.2 kA	3-phase	Prospective fault current, I _p ⁽²⁾⁽³⁾	N/A kA	Rated current	100 A		

PARTICULARS OF INSTALLATION AT THE ORIGIN										Main Switch/Switch-Fuse/Circuit-Breaker/RCD					
<i>Tick boxes and enter details, as appropriate</i>										Measured Z _e	0.11 Ω	Type BS(EN)	BS EN 60947-	Voltage rating	230 V
Means of earthing		Details of installation earth electrode (where applicable)				Protective measure(s) for fault protection		Maximum demand (Load)		Number of smoke alarms		No of poles		Rated current, I _n	
Distributor's facility	✓	Type (eg rods, tape etc)	N/A		Location	N/A		45 Amps		9		2		100 A	
Installation earth electrode		Electrode resistance R _A	N/A Ω		Method of measurement	N/A		ADS				Supply conductors material		RCD operating current, I _{Δn} *	
Earthing conductor		Main protective bonding conductors and bonding of extraneous-conductive-parts				Water installation pipes		✓		Structural steel		Copper		RCD operating time (at I _{Δn})*	
Conductor material	Copper	Continuity/connection verified	✓		Conductor material	Copper	Conductor csa	10 mm ²	Oil installation pipes	Other		25 mm ²		N/A ms	
Conductor csa	16 mm ²	Location (where not obvious)	N/A						Gas installation pipes	N/A				Rated time delay*	
										* 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 csa N/A mm ²					For static (fixed) vehicles Installation earth electrode details:					* Connection to a TN-C-S system requires supervision (see regulation 717.411.4)				
I ₂ N/A A (R ₁ + R ₂) _{cs} N/A Ω					Type: (e.g. rods(s), Tapes(s)) N/A Method of measurement					Measured earth fault loop impedance, Z _e N/A Ω				
Supply voltage(s) and maximum load/demand					Nominal voltage(s) U ₀ N/A U N/A					Maximum permitted load N/A Amps				
					Location N/A					Earthing conductor (for static vehicles or transportable units)				
										Chassis N/A Conductor Material N/A Conductor csa N/A mm ² Connection/continuity verified N/A				
										Water service N/A Conductor Material N/A Conductor csa N/A mm ² Connection/continuity verified N/A				
										Gas service N/A Conductor Material N/A Conductor csa N/A mm ² Connection/continuity verified N/A				

TRANSPORTABLE UNIT DETAILS	
Model name and year	N/A
Description	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.

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Abbots Langley
Hertfordshire

Postcode: WD5 0LJ

Telephone number:

07403310008

Branch number:
(if applicable)

N/A

Email Address:

andrewf22utw@yahoo.co.uk

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Item	Description	Outcome*	Item	Description	Outcome*
1.0	Condition/adequacy of distributor's/supply intake equipment †		4.2	Security of fixing	✓	5.0	Distribution/final circuits	
1.1	Service cable	✓	4.3	Condition of enclosure(s) in terms of IP rating	✓	5.1	Identification of conductors	✓
1.2	Service head	✓	4.4	Condition of enclosure(s) in terms of fire rating	✓	5.2	Cables correctly supported throughout their length	✓
1.3	Distributor's earthing arrangement	✓	4.5	Enclosure not damaged/deteriorated so as to impair safety	✓	5.3	Condition of insulation of live parts	✓
1.4	Meter tails - Distributor/Consumer	✓	4.6	Presence of linked main switch	✓	5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (including confirmation of the integrity of conduit and trunking systems)	✓
1.5	Metering equipment	✓	4.7	Operation of main switch (functional check)	✓	5.5	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	✓
1.6	Means of main isolation (where present)	N/A	4.8	Main switch capable of being secured in the OFF position	✓	5.6	Adequacy of protective devices; type and rated current for fault protection	✓
2.0	Presence of adequate arrangements for other sources (microgenerators etc)		4.9	Operation of circuit-breakers and RCDs to prove disconnection (functional check)	✓	5.7	Presence and adequacy of circuit protective conductors	✓
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply	N/A	4.10	Correct identification of circuits and protective devices	✓	5.8	Co-ordination between conductors and overload protective devices	✓
2.2	Adequate arrangements where a generating set operates in parallel with the public supply	N/A	4.11	Presence of RCD test notice at or near consumer unit	✓	5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences	✓
2.3	Presence of alternative/additional supply warning notice(s)	N/A	4.12	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit	✓	5.10	Cables installed under floors, above ceilings, in walls / partitions, adequately protected against damage	
3.0	Earthing and bonding arrangements		4.13	Presence of alternative or additional supply warning notice at or near consumer unit	✓		* installed in prescribed zones. Extent and limitations	✓
3.1	Presence and condition of distributor's earthing arrangement	✓	4.14	Presence of next inspection recommendation label	✓		* incorporating earthed armour or sheath, or installed within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like	✓
3.2	Presence and condition of earth electrode connection	✓	4.15	Presence of other required labelling (please specify)	✓	5.11	Provision of additional protection by RCD not exceeding 30 mA	
3.3	Confirmation of adequate earthing conductor size	✓	4.16	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	✓		* † for all socket-outlets of rating 20 A or less	✓
3.4	Accessibility and condition of earthing conductor at Main Earthing Terminal (MET)	✓	4.17	Single-pole switching or protective devices in the line conductors only	✓		* † for mobile equipment not exceeding a rating of 32A for use outdoors	✓
3.5	Confirmation of adequate main protective bonding conductor sizes	✓	4.18	Protection against mechanical damage where cables enter consumer unit	✓		* † for cables installed in walls or partitions at a depth of less than 50 mm	✓
3.6	Accessibility and condition of main protective bonding conductor connections	✓	4.19	Protection against electromagnetic effects where cables enter metallic consumer unit/enclosure	✓		* † for cables installed in walls / partitions containing metal parts regardless of depth	✓
3.7	Accessibility and condition of other protective bonding connections	✓	4.20	RCDs provided for fault protection - includes RCBOs	✓		* † lighting of bus shelters, telephone kiosks, town plans and the like	✓
3.8	Provision of earthing and bonding labels at all appropriate locations	✓	4.21	RCDs provided for additional protection - includes RCBOs	✓	5.12	Provision of fire barriers, sealing arrangements and protection against thermal effects	✓
4.0	Consumer unit(s)		4.22	Confirmation of indication that SPD is functional	✓	5.13	Band II cables segregated/separated from Band I cables	✓
4.1	Adequacy of working space or access to consumer unit	✓	4.23	Confirmation that ALL conductor connections, including connections to busbars are correctly located in terminals and are tight and secure	✓			

† 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.

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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	✓
	• installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar	✓
	• no signs of overheating to surrounding building fabric	✓
	• no signs of overheating to conductors/terminations	✓
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

Additional pages, including data sheets for additional source(s):	Page No(s)	Schedule of Circuit Details for the Installation: Page No(s)	6
Schedule of Inspections: Page(s) No 4,5		Schedule of Test Results for the Installation: Page No(s)	6
Special installations or locations:	Page No(s) N/A		

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 delay 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.

